

# **Vanderbilt University Medical Center**

**Consolidated Financial Statements and  
Supplementary Information, Including  
Uniform Guidance Reports and Schedule  
Years Ended June 30, 2020 and 2019**

Ernst & Young LLP



**Vanderbilt University Medical Center**  
**Index to Consolidated Financial Statements**  
**June 30, 2020 and 2019**

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## Report of Independent Auditors

The Board of Directors  
Vanderbilt University Medical Center

### Report on the Financial Statements

We have audited the accompanying consolidated financial statements of Vanderbilt University Medical Center, which comprise the consolidated balance sheets as of June 30, 2020 and 2019, and the related consolidated statements of operations, changes in net assets, and cash flows for the years then ended, and the related notes to the financial statements.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these consolidated financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free of material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### *Opinion*

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Vanderbilt University Medical Center as of June 30, 2020 and 2019, and the consolidated results of its operations and its cash flows for the years then ended in conformity with U.S. generally accepted accounting principles.

### **Adoption of ASU No. 2016-02, Leases (Topic 842)**

As discussed in Note 2 to the consolidated financial statements, Vanderbilt University Medical Center changed its method of accounting for leases as a result of the adoption of Accounting Standards Update No. 2016-02, *Leases (Topic 842)*, effective July 1, 2019. Our opinion is not modified with respect to this matter.

### **Supplementary Information**

Our audits were conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. We have not performed any procedures with respect to the audited consolidated financial statements subsequent to October 13, 2020. The Schedule of Expenditures of Federal Awards and State Financial Assistance as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* is presented for purposes of additional analysis and is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audits of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the information is fairly stated, in all material respects, in relation to the consolidated financial statements as a whole.

### **Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we also have issued our report dated October 13, 2020, on our consideration of Vanderbilt University Medical Center's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Vanderbilt University Medical Center's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Vanderbilt University Medical Center's internal control over financial reporting and compliance.

*Ernst + Young LLP*

October 13, 2020, except for our report on the Schedule of Expenditures of Federal Awards and State Financial Assistance, for which the date is June 14, 2021.

**Vanderbilt University Medical Center**  
**Consolidated Balance Sheets**  
**June 30, 2020 and 2019**

(\$ in thousands)

|                                                                                             | <b>2020</b>  | <b>2019</b>  |
|---------------------------------------------------------------------------------------------|--------------|--------------|
| <b>Assets</b>                                                                               |              |              |
| Current assets:                                                                             |              |              |
| Cash and cash equivalents                                                                   | \$ 1,170,526 | \$ 574,748   |
| Current investments                                                                         | 232,178      | 115,941      |
| Patient accounts receivable                                                                 | 470,550      | 482,485      |
| Grants and contracts receivable                                                             | 60,031       | 58,750       |
| Inventories                                                                                 | 104,603      | 75,407       |
| Other current assets                                                                        | 118,439      | 89,311       |
| Total current assets                                                                        | 2,156,327    | 1,396,642    |
| Restricted cash                                                                             | 11,806       | 11,938       |
| Noncurrent investments                                                                      | 539,173      | 491,047      |
| Noncurrent investments limited as to use                                                    | 113,526      | 103,609      |
| Property, plant, and equipment, net                                                         | 1,525,103    | 1,395,095    |
| Operating lease assets                                                                      | 846,695      | -            |
| Other noncurrent assets                                                                     | 53,347       | 48,067       |
| Total assets                                                                                | \$ 5,245,977 | \$ 3,446,398 |
| <b>Liabilities and Net Assets</b>                                                           |              |              |
| Current liabilities:                                                                        |              |              |
| Current portion of long-term debt                                                           | \$ 14,321    | \$ 8,568     |
| Line of credit                                                                              | 100,000      | -            |
| Accounts payable and other accrued expenses                                                 | 309,162      | 304,188      |
| Medicare accelerated payments                                                               | 222,445      | -            |
| Estimated payables under third-party programs                                               | 45,957       | 24,877       |
| Accrued compensation and benefits                                                           | 238,039      | 214,382      |
| Current portion of operating lease liabilities                                              | 70,062       | -            |
| Current portion of deferred revenue                                                         | 4,827        | 14,965       |
| Current portion of medical malpractice self-insurance reserves                              | 12,577       | 12,012       |
| Total current liabilities                                                                   | 1,017,390    | 578,992      |
| Long-term debt, net of current portion                                                      | 1,841,290    | 1,506,877    |
| Noncurrent portion of operating lease liabilities                                           | 797,811      | -            |
| Fair value of interest rate exchange agreements                                             | 100,342      | 67,901       |
| Noncurrent portion of medical malpractice self-insurance reserves                           | 47,682       | 44,328       |
| Noncurrent portion of deferred revenue                                                      | 4,027        | 7,773        |
| Other noncurrent liabilities                                                                | 35,449       | 26,345       |
| Total liabilities                                                                           | 3,843,991    | 2,232,216    |
| Net assets                                                                                  |              |              |
| Net assets without donor restrictions controlled by<br>Vanderbilt University Medical Center | 1,208,796    | 1,050,509    |
| Net assets without donor restrictions related to<br>noncontrolling interests                | 6,635        | 7,776        |
| Total net assets without donor restrictions                                                 | 1,215,431    | 1,058,285    |
| Net assets with donor restrictions                                                          | 186,555      | 155,897      |
| Total net assets                                                                            | 1,401,986    | 1,214,182    |
| Total liabilities and net assets                                                            | \$ 5,245,977 | \$ 3,446,398 |

The accompanying notes are an integral part of these consolidated financial statements.

**Vanderbilt University Medical Center**  
**Consolidated Statements of Operations**  
**Years Ended June 30, 2020 and 2019**

| <i>(\$ in thousands)</i>                                                         | <b>2020</b>  | <b>2019</b>  |
|----------------------------------------------------------------------------------|--------------|--------------|
| <b>Operating revenues</b>                                                        |              |              |
| Patient service revenue                                                          | \$ 4,031,720 | \$ 3,820,871 |
| Academic and research revenue                                                    | 552,822      | 519,447      |
| Other operating revenue                                                          | 301,143      | 157,011      |
| Total operating revenues                                                         | 4,885,685    | 4,497,329    |
| <b>Operating expenses</b>                                                        |              |              |
| Salaries, wages, and benefits                                                    | 2,495,795    | 2,290,910    |
| Supplies and drugs                                                               | 1,046,398    | 892,211      |
| Facilities and equipment                                                         | 273,405      | 268,974      |
| Services and other                                                               | 740,255      | 701,079      |
| Depreciation and amortization                                                    | 126,654      | 106,524      |
| Interest                                                                         | 60,771       | 56,529       |
| Total operating expenses                                                         | 4,743,278    | 4,316,227    |
| Income from operations                                                           | 142,407      | 181,102      |
| <b>Nonoperating revenues and expenses</b>                                        |              |              |
| Income from investments                                                          | 27,224       | 30,106       |
| Gift income                                                                      | 20,702       | 14,416       |
| Earnings of unconsolidated organizations                                         | 4,865        | 4,031        |
| Unrealized loss on interest rate exchange agreements,<br>net of cash settlements | (37,152)     | (17,480)     |
| Total nonoperating revenues and expenses                                         | 15,639       | 31,073       |
| Excess of revenues over expenses                                                 | 158,046      | 212,175      |
| Excess of revenues over expenses attributable<br>to noncontrolling interests     | (4,074)      | (4,075)      |
| Excess of revenues over expenses attributable to VUMC                            | 153,972      | 208,100      |
| <b>Other changes in net assets without donor restrictions</b>                    |              |              |
| Change in noncontrolling interest's net assets                                   | (1,141)      | 2,052        |
| Net assets released from restriction for capital                                 | 4,773        | 35,110       |
| Other changes                                                                    | (458)        | (182)        |
| Total changes in net assets without donor restrictions                           | \$ 157,146   | \$ 245,080   |

The accompanying notes are an integral part of these consolidated financial statements.

**Vanderbilt University Medical Center**  
**Consolidated Statements of Changes in Net Assets**  
**Years Ended June 30, 2020 and 2019**

| <i>(\$ in thousands)</i>                                             | <b>2020</b>  | <b>2019</b>  |
|----------------------------------------------------------------------|--------------|--------------|
| <b>Net assets without donor restrictions</b>                         |              |              |
| Net assets without donor restrictions at the beginning of the period | \$ 1,058,285 | \$ 813,205   |
| Excess of revenues over expenses                                     | 153,972      | 208,100      |
| Change in noncontrolling interest's net assets                       | (1,141)      | 2,052        |
| Net assets released from restriction for capital                     | 4,773        | 35,110       |
| Other changes                                                        | (458)        | (182)        |
| Change in net assets without donor restrictions                      | 157,146      | 245,080      |
| Net assets without donor restrictions at the end of the period       | \$ 1,215,431 | \$ 1,058,285 |
| <b>Net assets with donor restrictions</b>                            |              |              |
| Net assets with donor restrictions at the beginning of the period    | \$ 155,897   | \$ 114,425   |
| Contributions                                                        | 45,079       | 85,331       |
| Restricted investment income                                         | 1,727        | 1,665        |
| Net assets released from restrictions for operations                 | (13,788)     | (10,596)     |
| Net assets released from restriction for capital                     | (4,773)      | (35,110)     |
| Other changes                                                        | 2,413        | 182          |
| Change in net assets with donor restrictions                         | 30,658       | 41,472       |
| Net assets with donor restrictions at the end of the period          | \$ 186,555   | \$ 155,897   |
| <b>Total net assets</b>                                              |              |              |
| Beginning of the period                                              | \$ 1,214,182 | \$ 927,630   |
| Change in total net assets                                           | 187,804      | 286,552      |
| End of the period                                                    | \$ 1,401,986 | \$ 1,214,182 |

The accompanying notes are an integral part of these consolidated financial statements.

**Vanderbilt University Medical Center**  
**Consolidated Statements of Cash Flows**  
**Years Ended June 30, 2020 and 2019**

| (\$ in thousands)                                                                                 | 2020         | 2019       |
|---------------------------------------------------------------------------------------------------|--------------|------------|
| <b>Cash flows from operating activities</b>                                                       |              |            |
| Change in total net assets                                                                        | \$ 187,804   | \$ 286,552 |
| Adjustments to reconcile change in total net assets to net cash provided by operating activities: |              |            |
| Depreciation and amortization                                                                     | 126,654      | 106,524    |
| Amortization of debt issuance costs, and original issue premium and discount                      | 709          | 26         |
| Loss on disposal of assets                                                                        | 1,116        | 485        |
| Undistributed equity in earnings of equity method affiliates                                      | (1,754)      | 343        |
| Net realized and unrealized gain on investments                                                   | (8,662)      | (10,721)   |
| Purchases of trading securities                                                                   | (392,111)    | (231,753)  |
| Sales of trading securities                                                                       | 242,191      | 220,535    |
| Change in split-interest trusts                                                                   | 260          | 194        |
| Unrealized loss on interest rate exchange agreements                                              | 32,441       | 13,695     |
| Restricted contributions for endowments and property, plant, and equipment                        | (14,073)     | (25,683)   |
| Increase (decrease) in cash due to changes in:                                                    |              |            |
| Patient accounts receivable                                                                       | 11,935       | (8,100)    |
| Accounts payable and other accrued expenses                                                       | 21,141       | 38,073     |
| Medicare accelerated payments                                                                     | 222,445      | -          |
| Other assets and other liabilities, net                                                           | 6,755        | (95,548)   |
| Net cash provided by operating activities                                                         | 436,851      | 294,622    |
| <b>Cash flows from investing activities</b>                                                       |              |            |
| Purchase of property, plant, and equipment                                                        | (238,291)    | (195,197)  |
| Purchases of long-term securities                                                                 | (255,581)    | (340,184)  |
| Sales and maturities of long-term securities                                                      | 239,623      | 232,230    |
| Acquisition of hospital                                                                           | (19,252)     | -          |
| Proceeds on sale of property, plant, and equipment                                                | 5            | 220        |
| Net cash used in investing activities                                                             | (273,496)    | (302,931)  |
| <b>Cash flows from financing activities</b>                                                       |              |            |
| Proceeds from issuance of long-term debt                                                          | 463,600      | -          |
| Draws on line of credit                                                                           | 100,000      | -          |
| Debt issuance costs                                                                               | (1,645)      | -          |
| Repayment of long-term debt                                                                       | (133,070)    | (5,000)    |
| Principal payments under capital lease obligations                                                | (4,334)      | (1,831)    |
| Restricted contributions for endowments and property, plant, and equipment                        | 14,073       | 25,683     |
| Distributions to noncontrolling interests                                                         | (6,333)      | (2,022)    |
| Net cash provided by financing activities                                                         | 432,291      | 16,830     |
| Net change in cash, cash equivalents, and restricted cash                                         | 595,646      | 8,521      |
| <b>Cash, cash equivalents, and restricted cash</b>                                                |              |            |
| Beginning of the period                                                                           | 586,686      | 578,165    |
| End of the period                                                                                 | \$ 1,182,332 | \$ 586,686 |

The accompanying notes are an integral part of these consolidated financial statements.

# **Vanderbilt University Medical Center**

## **Notes to Consolidated Financial Statements**

### **June 30, 2020 and 2019**

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#### **1. Description of Organization**

Vanderbilt University Medical Center (“VUMC”) is a Tennessee not-for-profit corporation incorporated in March 2015 to operate an academic medical center, including a comprehensive research, teaching, and patient care health system (the “Medical Center”). Until April 29, 2016, the Medical Center operated as a unit within Vanderbilt University (“the University” or “VU”), as a part of the University’s administrative structure, with the same governing board, legal, financial, and other shared services.

VUMC began operations effective April 30, 2016, following the closing of the sale of the Medical Center by the University (the “Acquisition”). VUMC owns and operates three hospitals located on the main campus of the University in Nashville, Tennessee: Vanderbilt University Adult Hospital (“VUAH”), Monroe Carell Junior Children’s Hospital at Vanderbilt (“MCJCHV”), and Vanderbilt Psychiatric Hospital (“VPH”). In addition, VUMC partially owns Vanderbilt Stallworth Rehabilitation Hospital (“VSRH”), also located on the main campus of the University, through a joint venture with Encompass Health Corp. (formerly called HealthSouth Corp.) in which VUMC holds a 50% interest, which includes a 1% interest held by Vanderbilt Health Services, LLC, (“VHS”), a VUMC wholly owned subsidiary. Effective August 1, 2019, VUMC acquired a fourth hospital from Community Health Systems, Inc.: Tennova Healthcare – Lebanon, now known as Vanderbilt Wilson County Hospital (“VWCH”). VUAH, MCJCHV, VPH, and VWCH are licensed for 1,420 beds, and VSRH is licensed for 80 beds.

VUMC consists of two major operating divisions and an administrative overhead division. The operating divisions include the Clinical Enterprise and Academic Enterprise divisions. The administrative overhead division is referred to as Medical Center Administration (“MCA”).

The Clinical Enterprise division includes the professional clinical practice revenues and related expenses of Vanderbilt Medical Group (“VMG”), and technical revenues and associated expenses for the operation of VUMC’s hospitals and clinic facilities, including VUAH, MCJCHV, VPH, and VWCH. The Clinical Enterprise also includes VHS.

- VUAH is a quaternary care teaching hospital licensed for 726 acute care and specialty beds. VUAH, a Level I trauma center, provides advanced patient care and serves as a key site for medical education and clinical research conducted by physician faculty. VUAH includes a comprehensive burn center, the Vanderbilt Transplant Center, the Vanderbilt Heart and Vascular Institute, and the Vanderbilt Ingram Cancer Center.
- MCJCHV is a pediatric quaternary care teaching hospital licensed for 343 beds (159 acute and specialty, 65 pediatric intensive care, and 119 neonatal intensive care). MCJCHV is the region’s only full-service pediatric hospital, with over 30 pediatric specialties. MCJCHV serves as a site for medical education and clinical research conducted by pediatric physician faculty, houses the only Level IV neonatal intensive care center and the only Level 1 pediatric trauma center within the region, and is a regional referral center for extracorporeal membrane oxygenation (heart and lung failure).
- VPH is a psychiatric hospital licensed for 106 beds and provides both inpatient and outpatient partial hospitalization psychiatric services to both adult and adolescent patients. Also, VPH provides psychiatric assessment services, adult intensive outpatient programs, and neuromodulation procedures through electroconvulsive therapy and transcranial magnetic stimulation.

**Vanderbilt University Medical Center**  
**Notes to Consolidated Financial Statements**  
**June 30, 2020 and 2019**

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- VWCH is a two-campus facility licensed for 245 beds and is a substantial provider of both inpatient and outpatient medical services in Lebanon, Tennessee. VWCH also includes an accredited chest pain center, a stroke center, and a comprehensive weight loss center.
- VMG is the practice group of physicians and advanced practice nurses employed by VUMC, most of whom have faculty appointments from the University, who perform billable professional medical services. VMG is not a separate legal entity. VMG has a board which consists of the VUMC clinical service chiefs, who also serve as clinical department chairs. Under the oversight of VUMC executive leadership, VMG sets professional practice standards, bylaws, policies, and procedures. VUMC bills for services rendered by VMG clinicians in both inpatient and outpatient locations. VMG includes nationally recognized physicians whose expertise spans the spectrum from primary care to the most specialized quaternary discipline. The entire clinical faculty is “board certified” or eligible for board certification. All staff members are re-credentialed every two years by the National Committee for Quality Assurance standards. All specialties and subspecialties currently recognized by the various national specialty boards are represented on the clinical faculty.
- VHS serves as a holding company for 16 health care related subsidiaries and joint ventures owned with various entities, including, but not limited to, VSRH and the Vanderbilt Health Affiliated Network (“VHAN”). VHS operations primarily consist of community physician practices, walk-in and retail health clinics, imaging services, outpatient surgery centers, radiation oncology centers, a home health care agency, a home infusion and respiratory service, an affiliated health network, accountable care organizations, and a rehabilitation hospital. These subsidiaries include clinics managed in multiple outpatient locations throughout middle Tennessee and southwestern Kentucky.
- Health Professional Solutions, LLC (“HPS”) is a holding company that holds interest in five VUMC subsidiaries that engage in or support various health care activities in order to improve the quality and availability of health care services in the community. These subsidiaries include businesses focused on pharmacy, supply chain, and clinically integrated support services.

The Academic Enterprise division includes all clinically-related research, research-support activities, and faculty endeavors supporting post-graduate training programs. A significant funding source for VUMC’s research has historically been the federal government. Federal funding is received from the Department of Health and Human Services, the National Institutes of Health, the Department of Defense, NASA, and other federal agencies. Sponsored research awards, including multiple-year grants and contracts from government sources, foundations, associations, and corporations signify future research commitments. Also, core activities supporting research, including advanced computing and grant administration, are included in this division.

The terms “Company,” “VUMC,” “we,” “our,” or “us” as used herein and unless otherwise stated or indicated by context refer to Vanderbilt University Medical Center and its affiliates. The terms “facilities” or “hospitals” refer to entities owned and operated by VUMC and its affiliates, and the term “employees” refers to employees of VUMC and its affiliates.

VUMC operates on a fiscal year which ends on June 30. The term “Fiscal” preceding a year refers to a particular VUMC fiscal year.

**Vanderbilt University Medical Center**  
**Notes to Consolidated Financial Statements**  
**June 30, 2020 and 2019**

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**2. Summary of Significant Accounting Policies**

**Basis of Presentation**

The accompanying consolidated financial statements have been prepared on the accrual basis in accordance with accounting principles generally accepted in the U.S. ("GAAP"). Based on the existence or absence of donor-imposed restrictions, VUMC classifies resources into two categories: net assets without donor restrictions and net assets with donor restrictions. In addition, these statements follow GAAP applicable to the not-for-profit industry as described in the Financial Accounting Standards Board's ("FASB") *Accounting Standards Codification* ("ASC") Topic 958.

**Principles of Consolidation**

The consolidated financial statements include the accounts of VUMC and its wholly owned, majority-owned, and controlled organizations. Noncontrolling interests in less-than-wholly owned consolidated subsidiaries of VUMC are presented as a component of net assets to distinguish between the interests of VUMC and the interests of the noncontrolling owners. All material intercompany transactions and account balances among the various entities have been eliminated.

VUMC uses the equity method to account for its interests in unconsolidated partnerships, joint ventures, and limited liability entities over which it exercises significant influence. Investment carrying amounts are adjusted for VUMC's share of investee earnings or losses based on percentage of ownership. Distributions received from unconsolidated entities that represent returns on VUMC's investment (i.e., dividends) are reported as cash flows from operating activities in VUMC's statement of cash flows.

**Use of Estimates**

The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect amounts reported in the consolidated financial statements and accompanying notes. These estimates affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated balance sheets and the reported amounts of revenues and expenses during the reporting periods. Actual results ultimately could differ from those estimates.

**Cash and Cash Equivalents**

Cash and cash equivalents are liquid assets with minimal interest rate risk and maturities of three months or less when purchased. VUMC invests operating assets in a diversified manner. At times, VUMC may have cash and cash equivalents at a financial institution in excess of federally insured limits, and therefore, bears a risk of loss.

**Liquidity and Availability**

As of June 30, 2020, VUMC has \$2,420.1 million of financial assets available within one year of the balance sheet date to meet cash needs for general expenditures consisting of cash and cash equivalents of \$1,170.5 million, patient accounts receivable of \$470.6 million, pledges receivable of \$7.6 million, and unrestricted investments of \$771.4 million. As of June 30, 2019, VUMC had \$1,670.5 million of financial assets available within one year of the balance sheet date to meet cash needs for general expenditures consisting of cash and cash equivalents of \$574.7 million, patient accounts receivable of \$482.5 million, pledges receivable of \$6.3 million, and unrestricted investments of \$607.0 million. None of these financial assets are subject to donor or other contractual restrictions that make them unavailable for general expenditure within one year of the balance sheet date. Pledges receivable are subject to implied time restrictions but are expected to be collected within one year.

# **Vanderbilt University Medical Center**

## **Notes to Consolidated Financial Statements**

### **June 30, 2020 and 2019**

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VUMC has a policy to structure its financial assets to be available as its general expenditures, liabilities, and other obligations come due. In addition, as part of its liquidity management, VUMC invests cash in excess of daily requirements in various short-term investments, including certificate deposits and short-term treasury instruments.

As more fully described in Note 11 Long-Term Debt, VUMC also has committed lines of credit in the amount of \$250.0 million, with \$100.0 million drawn as of June 30, 2020, which it could draw upon in the event of an unanticipated liquidity need.

#### **Revenue Recognition – Patient Services**

VUMC recognizes revenue from patient services at the amount that reflects the consideration to which VUMC expects to be paid for providing such services. These amounts, representing transaction price, are due from patients, third-party payors (including health insurers and government programs), and others and include variable consideration for retroactive revenue adjustments due to settlements of audits, reviews, and investigations. Patient service revenue is recognized as performance obligations based on the nature of the services provided by VUMC are satisfied.

Performance obligations satisfied over time relate to admitted patients in VUMC hospitals receiving inpatient acute care services from admission to the point when services are no longer required, which is generally at the time of discharge. Revenue for performance obligations satisfied over time is recognized based on actual charges incurred in relation to total expected or actual charges. Outpatient services are performance obligations satisfied at a point in time with the related revenue being recognized when goods or services are provided.

VUMC has elected to apply the optional exemption provided in FASB (ASC) 606-10-50-14 as substantially all of its performance obligations relate to contracts with a duration of less than one year. Therefore, VUMC is not required to disclose the aggregate amount of the transaction price allocated to performance obligations that are unsatisfied or partially satisfied at the end of the reporting period. Unsatisfied or partially satisfied performance obligations are primarily related to in-house patients at the end of the reporting period. The performance obligations for these contracts are generally completed when the patients are discharged, which is typically within a week.

VUMC uses a portfolio approach consisting of major payor classes to account for categories of patient contracts as a collective group rather than recognizing revenue on an individual contract basis. Based on historical collection trends and other analysis, VUMC believes that revenue recognized by utilizing the portfolio approach approximates the revenue that would have been recognized if an individual contract approach were used.

VUMC determines the transaction price, which involves estimates and judgment, based on standard charges for goods and services provided, reduced by explicit and implicit price concessions, including contractual adjustments provided to third-party payors, discounts provided to uninsured and underinsured patients in accordance with VUMC policy, and historical collection experience. VUMC analyzes its history and identifies trends for each of its major revenue categories to estimate the appropriate price concessions. Management regularly reviews data about these major revenue categories in evaluating the reasonableness of the transaction price, taking into consideration recent experience by payor category, payor agreement rate changes, and other factors.

In addition to patient payments, VUMC earns revenue and reimbursements from certain services provided under federal healthcare programs and other contracts with third-party payors. These compensation arrangements are complex programs which extend over multiple accounting periods and are subject to the interpretation of federal and state-specific reimbursement rates, new or

# **Vanderbilt University Medical Center**

## **Notes to Consolidated Financial Statements**

### **June 30, 2020 and 2019**

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changing legislation, and final cost report settlements. Estimated settlements under these programs are recorded in the period the related services are performed and are subsequently adjusted, as needed, based on new information.

VUMC provides care to patients who meet the criteria for charity care under its financial assistance policy for no payment or at payment amounts less than its established charge rates. VUMC does not recognize the charges that qualify as charity care as revenue because VUMC does not pursue collection of these amounts.

#### **Revenue Recognition – Non-Patient Services**

Revenue for non-patient services is recognized at an amount that reflects the consideration VUMC expects to be entitled in exchange for providing goods or services. The amounts recognized reflect considerations due from customers, the U.S. government, and others, and is recognized as performance obligations are satisfied. Primary categories of non-patient revenue include academic and research revenue as well as other miscellaneous activities as further described in Note 8 Other Relevant Financial Information.

VUMC receives funding through grants and contracts issued by departments and agencies of the U.S. government, industry, and other foundation sponsors who restrict the use of such funds to academic and research purposes. VUMC recognizes revenue from these grants and contracts in accordance with contract terms, as defined in the agreements governing that funding. VUMC recognizes facilities and administrative ("F&A") costs recovery as revenue when the allowable expenditure is incurred on the associated grant or contract. This activity represents reimbursement, primarily from the federal government, of F&A costs on sponsored activities.

Grants and contracts receivable include amounts due from these sponsors of externally funded research. These amounts have been billed or are billable to the sponsor and are recorded at the amount that reflects the consideration VUMC expects to receive.

#### **Deferred Revenue**

Deferred revenue is recorded for funds received in advance. The related revenue is recognized when the performance obligations have been met.

#### **Gift Income and Pledges**

VUMC recognizes unconditional promises to give cash and other assets, referred to as pledges, as gift income at fair value when the pledge is received. Conditional promises to give are recognized as pledges once the conditions are substantially met. Pledges are recognized as net assets with donor restrictions. Gifts received with donor stipulations limiting the use of the donated assets are reported as net assets with donor restrictions. Donor-restricted contributions whose restrictions are met within the same year as received are reported as gift income in the accompanying consolidated statements of operations. Gift income is recognized when a donor restriction expires, that is, when a stipulated time restriction ends or purpose restriction is accomplished. Gifts of cash or other assets that must be used to acquire long-lived assets are reported as net assets with donor restrictions until the assets are placed in service, at which point they are reclassified to net assets without donor restrictions.

Pledges receivable are reported net of allowances for uncollectible amounts based on an analysis of past collection experience and other judgmental factors. Pledges receivable are included in other current or other noncurrent assets in the consolidated balance sheets based on the expected timing of cash flows. VUMC discounts the noncurrent portion of pledges receivables at a rate commensurate with the scheduled timing of receipt. VUMC applied annual discount rates ranging from 0.5% to 1.5% to amounts outstanding as of June 30, 2020 and 2019.

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#### **Concentrations of Credit Risk**

VUMC grants unsecured credit to its patients, primarily residing in Nashville, Tennessee and the surrounding areas of middle Tennessee, most of whom are insured under commercial, Medicare, or TennCare agreements. Medicare, Blue Cross Blue Shield ("BCBS"), and TennCare (which includes BCBS, United, and Amerigroup) represent VUMC's significant concentrations of credit risk from payors.

#### **Inventories**

VUMC reports inventories at the lower of cost or market, with cost being determined on the first-in, first-out method. Inventories consist primarily of medical supplies, surgical implants, and pharmaceuticals.

#### **Restricted Cash**

VUMC reports cash whose use is restricted at cost, which approximates fair value. The cash is primarily restricted for use in purchasing and constructing property, plant, and equipment.

#### **Investments**

VUMC reports investments held at fair value in the consolidated balance sheets. VUMC records purchases and sales of securities on the trade dates, and realized gains and losses are determined based on the average historical cost of the securities sold. VUMC reports net receivables and payables arising from unsettled trades as a component of investments.

#### **Property, Plant, and Equipment, Net**

VUMC records purchases of property, plant, and equipment at cost and expenses repairs and maintenance costs as incurred. VUMC capitalizes interest cost incurred on borrowed funds during the period of construction of capital assets as a component of the cost of acquiring those assets. VUMC capitalizes donated assets at fair value on the date of donation.

Capitalized software for internal use is recorded during the application development stage. These costs include fees paid to third parties for direct costs of materials and services consumed in developing or obtaining the software; payroll related costs and capitalized interest costs. Costs for training and application maintenance in the post-implementation operation stage are expensed as incurred.

VUMC computes depreciation using the straight-line method over the estimated useful life of land improvements (5 to 18 years), buildings and leasehold improvements (2 to 40 years), and equipment (1 to 20 years). Equipment costs also include capitalized internal use software costs, which are expensed over the expected useful life, which is generally 3 to 12 years. VUMC assigns useful lives in accordance with American Hospital Association guidelines.

Software for internal use is amortized on a straight-line basis over its estimated useful life. In determining the estimated useful life, management considers the effects of obsolescence, technology, competition, other economic factors, and rapid changes that may be occurring in the development of software products, operating systems, and computer hardware. Amortization begins once the software is ready for its intended use.

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#### **Impairment of Long-Lived Assets**

VUMC reviews long-lived assets, such as property, plant, and equipment, for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. VUMC measures the recoverability of assets to be held and used by comparing the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, VUMC recognizes an impairment charge to the extent the carrying amount of the asset exceeds its fair value.

#### **Conditional Asset Retirement Costs and Obligations**

VUMC recognizes the estimated fair value of liabilities for existing legal obligations to perform certain activities, primarily asbestos removal, in connection with the retirement, disposal, or abandonment of assets. These liabilities are included in other noncurrent liabilities on the consolidated balance sheets and total \$6.5 million and \$6.3 million as of June 30, 2020 and 2019, respectively. VUMC measures these liabilities using estimated cash flows with an inflation rate applied of 3.0% as of June 30, 2020 and 2019. VUMC discounts those cash flow estimates at a credit-adjusted, risk-free rate, which ranged from 2.9% to 4.2% as of June 30, 2020 and 2019, and adjusts these liabilities for accretion costs and revisions in estimated cash flows.

#### **Long-Term Debt**

The carrying value of VUMC's debt is the par amount adjusted for the net unamortized amount of debt issuance costs, and bond premiums and discounts.

#### **Interest Rate Exchange Agreements**

VUMC reports interest rate exchange agreements at fair value, which is determined to be the present value of future net cash settlements that reflect market yields as of the measurement date and estimated amounts that VUMC would pay, or receive, to terminate the contracts as of the report date. VUMC considers current interest rates and creditworthiness of the interest rate exchange counterparties when estimating termination settlements.

#### **Self-Insurance Reserves**

VUMC elects to self-insure a portion of its medical malpractice, professional, and general liability coverage via an irrevocable self-insurance trust. For Fiscal 2020, the maximum annual self-insurance retention was \$6.0 million per occurrence, up to \$46.0 million in the aggregate. For Fiscal 2019, the maximum annual self-insurance retention was \$5.5 million per occurrence, up to \$43.0 million in the aggregate. Actuarial firms assist management in estimating expected losses on an annual basis, at which time VUMC records medical malpractice, professional, and general liability expense within the limits of the program. These liabilities are classified as current or noncurrent based on the expected timing of cash flows and are measured at the net present value of those cash flows using a discount rate of 2.5% as of June 30, 2020 and 2019. For both Fiscal 2020 and 2019, VUMC obtained excess medical malpractice, professional, and general liability coverage from commercial insurance carriers for claims exceeding the retention limits, up to \$150.0 million. These policies would also provide coverage up to \$150.0 million if any claims in the aggregate exceeded the retention limits.

VUMC also elects to self-insure for employee health and workers' compensation expenses. Actuarial firms assist management in estimating expected losses on an annual basis. The maximum retention for workers' compensation was \$0.8 million per occurrence for both Fiscal 2020 and 2019. There is no stop loss insurance on health plan claims.

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#### **Income Taxes**

VUMC is a tax-exempt organization as described in Section 501(c)(3) of the Internal Revenue Code (the “Code”) and is generally exempt from federal income taxes under Section 501(a) of the Code.

#### **Excess of Revenues Over Expenses**

The consolidated statements of operations include excess of revenues over expenses as a performance indicator. Excess of revenues over expenses includes all changes in net assets without donor restrictions, except for changes in noncontrolling interest holders’ share of consolidated entities, net assets released from restrictions used for capital, and certain other items.

#### **Statement of Cash Flows**

For VUMC’s consolidated statements of cash flows, cash, cash equivalents, and restricted cash is defined as those amounts included in the cash and cash equivalents caption and restricted cash caption on the consolidated balance sheets.

#### **Recent Accounting Pronouncements**

Periodically, the FASB issues Accounting Standards Updates (“ASUs”) that may impact the recognition, measurement, and presentation of balances and activity in VUMC’s consolidated financial statements or the disclosures contained within those statements. As part of preparing consolidated financial statements, VUMC evaluates the effects of the ASUs and applies the updated guidance within the required effective dates.

#### *Adopted*

- In February 2016, the FASB issued ASU 2016-02, Leases, which requires lessees to recognize assets and liabilities for most leases. VUMC adopted this standard on July 1, 2019, using a modified retrospective approach and therefore applied the transition provisions to the most recent period presented in the consolidated financial statements, recognizing assets and offsetting obligations for current operating leases.

#### *Not Yet Adopted*

- In August 2018, the FASB issued ASU 2018-13, Fair Value Measurement, Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement. This ASU intends to improve the effectiveness of disclosures in the notes to the financial statements by modifying disclosure requirements for fair value measurements. The ASU is effective for VUMC for annual and interim periods beginning after December 15, 2019 with early adoption permitted. VUMC is currently assessing the impact that ASU 2018-13 will have on the consolidated financial statements and will adopt the provisions upon the effective date.

### **3. Related Parties**

On April 29, 2016, VUMC acquired the assets, liabilities, rights, and obligations of the clinical enterprise, postgraduate medical training programs, and clinically related research of the University’s owned and operated Medical Center, “the Acquisition”.

The assets acquired and liabilities assumed from the Acquisition were detailed in a Master Transfer and Separation Agreement (“MTSA”). The MTSA contains the framework for the ongoing economic relationship between VUMC and the University. The relationship is memorialized in the form of an Academic Affiliation Agreement (“AAA”), a Trademark License Agreement (“TMLA”), a Ground

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Lease, and a Reciprocal Master Services Agreement (“MSA”). The agreements are described below.

- The AAA outlines the ongoing academic, research, and clinical affiliation between the University and VUMC for all the University’s degree-granting, certificate, and research programs. The AAA allocates responsibility between the University and VUMC for jointly administered research and academic programs and is an exclusive agreement between VUMC and VU requiring VUMC to be organized, governed, and operated in a manner that supports VU’s academic and research mission. The agreement provides that VU will be the exclusive academic affiliate of VUMC, and VUMC will be the exclusive clinical affiliate of VU.

The AAA requires VUMC to pay VU an annual fee in equal monthly payments adjusted annually for inflation based upon the Biomedical Research and Development Price Index (“BRDPI”) in perpetuity under certain mutually agreed-upon termination or default clauses. During Fiscal 2020 and 2019, VUMC recorded operating expense totaling \$76.9 million and \$74.9 million, respectively, in connection with fees due under the AAA.

- Under the TMLA, the University grants, subject to certain consents and approvals, a perpetual license to use various University-owned licensed marks in connection with VUMC’s fundamental activities after the Acquisition date. The licensed marks, which VUMC continues to use as its primary brands, include virtually all those previously in use by VUMC. This agreement requires VUMC to pay VU a monthly royalty payment equal to 1.0% of all operating revenue of VUMC and a percentage of net income from operations (10% in Fiscal 2019 and 15% in Fiscal 2020 and beyond). During Fiscal 2020 and 2019, VUMC recorded operating expense totaling \$70.4 million and \$63.8 million, respectively, in connection with royalty fees due under the TMLA. Also, VUMC is required to pay in equal monthly installments an annual TMLA base fee, which increases 3% annually, but is also reduced by the amount of principal payments made under a subordinate note discussed in Note 11 Long-Term Debt (the “Fixed TMLA Royalty Payment”). During Fiscal 2020 and 2019, VUMC recorded operating expense totaling \$62.5 million and \$60.6 million, respectively, in connection with this base fee. VU sold its rights to future royalty payments to a third party. The TMLA is in force in perpetuity under certain mutually agreed-upon termination or default clauses.
- The Ground Lease is an agreement between VU and VUMC that allows VUMC to use the land on which VUMC’s campus and related buildings are located. The initial term of the Ground Lease ends June 30, 2115, with the option to extend the lease for two additional terms of up to 50 to 99 years each with agreement between VU and VUMC. The lease covers 1.7 million square feet or 38.75 acres of space, payable monthly and CPI adjusted annually. During Fiscal 2020 and 2019, VUMC recorded operating expense totaling \$19.4 million and \$19.0 million, respectively, in connection with fees due under the Ground Lease.
- The University and VUMC provide services to one another for agreed-upon consideration as outlined in the MSA. VU provides services to VUMC, such as information technology infrastructure support, utilities, and law enforcement staffing. VUMC provides various operational services for the University, such as a student health clinic and animal care. Additionally, the MSA encompasses an Employee Matters Agreement (“EMA”) and specific Employee Service Agreements (“ESAs”). The EMA and ESAs govern employee transactions and ongoing sharing between VU and VUMC in various capacities, such as research, teaching, clinical, and other administrative services. Services under the MSA can be terminated by either party subject to predetermined cancellation notification periods. In connection with the MSA,

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during Fiscal 2020 and 2019, VUMC recognized revenue totaling \$44.2 million and \$45.1 million, respectively, and recorded operating expense totaling \$123.4 million and \$122.8 million, respectively.

- Also, as part of the Acquisition, VUMC issued to VU a \$100.0 million subordinate promissory note payable, which is further described in Note 11 Long-Term Debt, with a balance of \$79.6 million as of June 30, 2020, and \$84.6 million as of June 30, 2019. VU sold its rights to future principal and interest payments on this note to a third party.

The impact of these agreements in the consolidated statements of operations during Fiscal 2020 and 2019 is as follows:

| <i>(\$ in thousands)</i>      | <b>2020</b>       | <b>2019</b>       |
|-------------------------------|-------------------|-------------------|
| Academic and research revenue | \$ 13,055         | \$ 14,401         |
| Other operating revenue       | 31,192            | 30,745            |
| Total operating revenues      | <u>\$ 44,247</u>  | <u>\$ 45,146</u>  |
| Operating expenses            |                   |                   |
| Salaries, wages, and benefits | \$ 9,086          | \$ 7,725          |
| Facilities and equipment      | 59,516            | 58,872            |
| Services and other            | 284,040           | 274,512           |
| Interest                      | 2,661             | 2,823             |
| Total operating expenses      | <u>\$ 355,303</u> | <u>\$ 343,932</u> |

Other current assets include amounts receivable from VU, which totaled \$6.7 million as of June 30, 2020, and \$4.9 million as of June 30, 2019. Accounts payable and other accrued expenses include amounts payable to related parties, which totaled \$51.1 million as of June 30, 2020, and \$47.7 million as of June 30, 2019.

In the normal course of business, members of VUMC's Board of Directors or VUMC employees may be directly or indirectly associated with companies engaged in business activities with VUMC. VUMC has a written conflict of interest policy that requires, among other things, that members of the VUMC community (including trustees) may not review, approve, or administratively control contracts or business relationships when (i) the contract or business relationship is between VUMC and a business in which the individual or a family member has a material financial interest, or (ii) the individual or a family member is an employee of the business and is directly involved with activities pertaining to VUMC.

Furthermore, VUMC's conflict of interest policy extends beyond the foregoing business activities in that disclosure is required for any situation in which an applicable individual's financial, professional, or other personal activities may directly or indirectly affect, or have the appearance of affecting, an individual's professional judgment in exercising any VUMC duty or responsibility, including the conduct or reporting of research.

The policy extends to all individual members of the VUMC community (including Board of Directors, VUMC Officials, full-time, part-time, temporary faculty and staff). Each applicable person is required to certify compliance with the conflict of interest policy on an annual basis. This certification includes specifically disclosing whether VUMC conducts business with an entity in which he or she (or an immediate family member) has a material financial interest, as well as any other situation that could appear to present a conflict with VUMC's best interests.

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When situations exist relative to the conflict of interest policy, VUMC takes active measures to appropriately manage the actual or perceived conflict in the best interests of VUMC, including periodic reporting of measures taken to the Audit Committee of the Board of Directors.

**4. Patient Service Revenue, Patient Accounts Receivable, and Estimated Third-Party Settlements**

Management has determined that the nature, amount, timing, and uncertainty of revenue and cash flows are affected by the major classes of payors. The sources of patient service revenue by payor for Fiscal 2020 and 2019 are as follows:

| <i>(\$ in thousands)</i>                                | <b>2020</b>         | <b>2019</b>         |
|---------------------------------------------------------|---------------------|---------------------|
| Other third-party payors, primarily commercial carriers | \$ 2,553,307        | \$ 2,355,860        |
| Medicare/Managed Medicare                               | 924,241             | 896,843             |
| TennCare/Medicaid                                       | 522,606             | 529,785             |
| Uninsured (self-pay)                                    | 31,566              | 38,383              |
|                                                         | <b>\$ 4,031,720</b> | <b>\$ 3,820,871</b> |

Patient accounts receivable comprise amounts due from the following sources as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                                | <b>2020</b>       | <b>2019</b>       |
|---------------------------------------------------------|-------------------|-------------------|
| Medicare                                                | \$ 77,696         | \$ 72,473         |
| TennCare/Medicaid                                       | 57,741            | 65,903            |
| Blue Cross                                              | 99,861            | 115,023           |
| Other third-party payors, primarily commercial carriers | 192,258           | 184,774           |
| Patient responsibility <sup>(1)</sup>                   | 42,994            | 44,312            |
| Patient accounts receivable                             | <b>\$ 470,550</b> | <b>\$ 482,485</b> |

<sup>(1)</sup> Includes self-pay after insurance.

Estimated third-party settlements by major payor category as of June 30, 2020 and 2019, are as follows:

| <i>(\$ in thousands)</i>                     | <b>2020</b>      | <b>2019</b>      |
|----------------------------------------------|------------------|------------------|
| Receivables under third-party programs       |                  |                  |
| Tricare/Champus <sup>(1)</sup>               | \$ 4,484         | \$ 8,536         |
| Total receivables under third-party programs | <b>\$ 4,484</b>  | <b>\$ 8,536</b>  |
| Payables under third-party programs          |                  |                  |
| TennCare/Medicaid                            | \$ 37,781        | \$ 18,896        |
| Medicare <sup>(1)</sup>                      | 9,752            | 14,517           |
| Other                                        | 2,908            | -                |
| Total payables under third-party programs    | <b>\$ 50,441</b> | <b>\$ 33,413</b> |

<sup>(1)</sup> These two federal healthcare programs are combined for presentation purposes on the face of the consolidated balance sheets and are reflected as an obligation in Fiscal 2020 and Fiscal 2019.

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Certain contracts require pay for performance or episode of care settlements whereby VUMC receives additional payment or pays a penalty based on its ability to achieve certain clinical measures or manage the cost of care for patients within various thresholds. VUMC estimates and accrues these adjustments in the period the related services are rendered and adjusts these estimates in future periods as settlements are finalized. The aggregate liability associated with pay for performance and episode of care settlements at June 30, 2020 and 2019, was \$2.5 million and \$1.3 million, respectively, with the ultimate resolution of such financial arrangements not expected to have a material impact on the operating results of VUMC.

*Medicare*

Amounts received under Medicare are subject to review and final determination by program intermediaries or their agents. Final settlements have been reached for program periods ended June 30, 2015. Final settlements have not been reached for subsequent years due to audit delays experienced with the Medicare Administrative Contractor, and thus, those periods remain subject to audit by program representatives.

*TennCare*

TennCare is a Medicaid managed care program implemented by the state of Tennessee to provide healthcare coverage to those patients eligible for Medicaid through the Federal 1115 Waiver Program. VUMC contracts with each of the three TennCare managed care organizations ("MCOs"), which offer health maintenance organization ("HMO") and Medicare Special Needs Products for Dual Eligible Enrollees. VUMC receives inpatient reimbursement through payments that are primarily based on the Medicare severity diagnostic related group system ("MS-DRG") for these plans. VUMC receives outpatient payments generally based on an ambulatory payment classification system ("APC"), and/or a payor-developed fee schedule.

In accordance with the Tennessee Hospital Assessment Act, VUMC receives a payment of a portion of its unreimbursed TennCare costs based upon VUMC's share of uninsured TennCare costs for all of the covered hospitals.

There is no assurance that this program will be continued in its current structure or will not be materially modified in the future, however, we anticipate funding will remain relatively stable over the coming year.

In Fiscal 2020 and 2019, patient service revenue includes the following supplemental amounts received in each respective period from TennCare and the associated reserves for those payments, changes in estimates effecting reserves are excluded:

*(\$ in thousands)*

|                                                                | <b>2020</b>      | <b>2019</b>      |
|----------------------------------------------------------------|------------------|------------------|
| Charity pool                                                   | \$ 24,696        | \$ 12,246        |
| Graduate medical education                                     | 14,592           | 14,603           |
| Trauma fund                                                    | 1,685            | 1,600            |
| Virtual disproportionate share                                 | 960              | -                |
| Total supplemental TennCare revenue,<br>net of audit provision | <u>\$ 41,933</u> | <u>\$ 28,449</u> |

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**5. Charity Care Assistance, Community Benefits, and Other Unrecovered Costs**

VUMC maintains a policy which sets forth the criteria under which health care services are provided to patients who have minimal financial resources to pay for medical care. Additionally, VUMC provides other services that benefit the economically disadvantaged for which little or no payment is expected.

Charity care is determined by examining patient and family income relative to the federal poverty guidelines. VUMC provides additional discounts based on the income level of the patient household using a sliding scale for those patients with a major catastrophic medical event not qualifying for full charity assistance. Tennessee law mandates that all uninsured patients receive a discount from billed charges for medically necessary services. These amounts are classified as charity care if the patient meets charity care criteria, for which no revenue is recorded, or is included as a part of price concessions.

VUMC maintains records to identify and monitor the level of charity care provided, and these records include gross charges and patient deductibles, coinsurance and copayments foregone for services furnished under its charity care policy, and the estimated cost of those services. VUMC calculates a ratio of total costs to gross charges and then multiplies the ratio by foregone charity care charges in determining the estimated cost of charity care. The gross amount of foregone charity care revenue in Fiscal 2020 and 2019 totals \$422.7 million and \$341.5 million, respectively. The estimated cost of providing care to charity patients in Fiscal 2020 and 2019 totals \$110.1 million and \$89.9 million, respectively.

In addition to the charity care services described above, TennCare/Medicaid and state indigent programs do not cover the full cost of providing care to beneficiaries of those programs. As a result, in addition to direct charity care costs, VUMC provided services related to TennCare/Medicaid and state indigent programs and was reimbursed substantially below the cost of rendering such services. VUMC also provides public health education and training for new health professionals and provides, without charge, services to the community at large for many patients with special needs.

**6. Academic and Research Revenue, and Grants and Contracts Receivable**

Academic and research revenue comprises the following for Fiscal 2020 and 2019:

| <i>(\$ in thousands)</i>                     | <b>2020</b>       | <b>2019</b>       |
|----------------------------------------------|-------------------|-------------------|
| Grants and contracts revenue                 |                   |                   |
| Federally funded                             | \$ 297,651        | \$ 297,758        |
| Non-federally funded                         | 132,557           | 113,423           |
|                                              | <u>430,208</u>    | <u>411,181</u>    |
| Facilities and administrative costs recovery | 122,614           | 108,266           |
| Academic and research revenue                | <u>\$ 552,822</u> | <u>\$ 519,447</u> |

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Grants and contracts receivable comprise the following as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>              | <b>2020</b>      | <b>2019</b>      |
|---------------------------------------|------------------|------------------|
| Federally funded                      | \$ 28,077        | \$ 28,171        |
| Non-federally funded                  | 31,954           | 30,579           |
| Total grants and contracts receivable | <u>\$ 60,031</u> | <u>\$ 58,750</u> |

**7. Pledges Receivable, Net**

Pledges receivable, net of applied discounts and allowance for uncollectible pledges, as of June 30, 2020 and 2019, were as follows:

| <i>(\$ in thousands)</i>             | <b>2020</b>      | <b>2019</b>      |
|--------------------------------------|------------------|------------------|
| Amounts due                          |                  |                  |
| Within one year                      | \$ 11,347        | \$ 8,072         |
| In one to five years                 | 24,809           | 25,027           |
| Total pledges receivable             | <u>36,156</u>    | <u>33,099</u>    |
| Unamortized discount                 | <u>(1,112)</u>   | <u>(1,296)</u>   |
|                                      | 35,044           | 31,803           |
| Allowance for uncollectible pledges  | <u>(6,126)</u>   | <u>(3,317)</u>   |
| Net pledges receivable               | <u>\$ 28,918</u> | <u>\$ 28,486</u> |
| Net pledges receivable classified as |                  |                  |
| Current                              | \$ 7,552         | \$ 6,327         |
| Noncurrent                           | 21,366           | 22,159           |
|                                      | <u>\$ 28,918</u> | <u>\$ 28,486</u> |

In addition to pledges reported as pledges receivable, VUMC had cumulative bequest intentions and conditional promises to give totaling \$66.9 million as of June 30, 2020, and \$65.8 million as of June 30, 2019. Due to their conditional nature, VUMC does not recognize intentions to give as assets.

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**8. Other Relevant Financial Information**

Other current assets comprise the following as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                                             | <b>2020</b>       | <b>2019</b>      |
|----------------------------------------------------------------------|-------------------|------------------|
| Prepaid expenses                                                     | \$ 35,728         | \$ 39,610        |
| Other receivables                                                    | 55,483            | 31,261           |
| Amounts due from VU (see Note 3 Related Parties)                     | 6,684             | 4,929            |
| Current pledges receivable, net (see Note 7 Pledges Receivable, Net) | 7,552             | 6,327            |
| Expected recoveries from commercial insurance excess coverage        | 2,652             | 3,345            |
| Other                                                                | 10,340            | 3,839            |
| Total other current assets                                           | <u>\$ 118,439</u> | <u>\$ 89,311</u> |

Other noncurrent assets comprise the following as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                                           | <b>2020</b>      | <b>2019</b>      |
|--------------------------------------------------------------------|------------------|------------------|
| Equity in unconsolidated organizations                             | \$ 23,234        | \$ 21,480        |
| Noncurrent pledges receivable (see Note 7 Pledges Receivable, Net) | 21,366           | 22,159           |
| Other                                                              | 8,747            | 4,428            |
| Total other noncurrent assets                                      | <u>\$ 53,347</u> | <u>\$ 48,067</u> |

Other operating revenues comprise the following for Fiscal 2020 and 2019:

| <i>(\$ in thousands)</i>                                          | <b>2020</b>       | <b>2019</b>       |
|-------------------------------------------------------------------|-------------------|-------------------|
| CARES funding                                                     | \$ 130,399        | \$ -              |
| Clinical contracts                                                | 46,886            | 40,952            |
| Amounts recognized under MSA with VU (see Note 3 Related Parties) | 31,192            | 30,745            |
| VHS other revenue                                                 | 28,176            | 23,622            |
| Nonclinical contracts                                             | 11,898            | 8,442             |
| Resident and house staff rotations                                | 10,557            | 11,507            |
| Other                                                             | 42,035            | 41,743            |
| Total other operating revenue                                     | <u>\$ 301,143</u> | <u>\$ 157,011</u> |

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**9. Investments**

VUMC investments are made up of current investments, restricted cash, noncurrent investments, and noncurrent investments limited as to use on the face of the consolidated balance sheets. VUMC investments include assets limited as to use related to the following specified purposes as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                        | <b>2020</b>       | <b>2019</b>       |
|-------------------------------------------------|-------------------|-------------------|
| Self-insured malpractice program                | \$ 46,223         | \$ 52,069         |
| Donor endowments                                | 52,590            | 38,443            |
| Split-interest trusts                           | 7,124             | 7,383             |
| Supplemental employee retirement program assets | 7,589             | 5,714             |
|                                                 | <b>\$ 113,526</b> | <b>\$ 103,609</b> |

VUMC's endowment does not include gift annuities, interests in trusts held by others, contributions pending donor designation, or contributions receivable.

The Board of Directors' interpretation of its fiduciary responsibilities for donor-restricted endowments under the Uniform Prudent Management of Institutional Funds Act ("UPMIFA") requirements is to preserve intergenerational equity, barring the existence of any donor-specific provisions. Under this broad guideline, future endowment beneficiaries should receive at least the same level of real economic support as the current generation. The overarching objective is to preserve and enhance the real (inflation-adjusted) purchasing power of the endowment in perpetuity. VUMC invests assets to provide a relatively predictable and stable stream of earnings to meet spending needs and attain long-term return objectives without the assumption of undue risks.

Self-insured malpractice program – VUMC elects to self-insure a portion of its medical malpractice, professional, and general liability via an irrevocable self-insurance trust.

Donor endowments – Donor-restricted gifts where the principal amount is to be held in perpetuity. Distributions of earnings are restricted for use according to the donor's intent, as specified in a gift agreement. Donor endowments typically benefit specific programs in clinical departments of the Medical Center, for either, research, directorships, or general program support.

Split-interest trusts – Trusts established by donors where VUMC is named as beneficiary. Depending on the terms of the trust, VUMC may receive periodic distributions, and potentially a principal amount at some point in the future. Like donor endowments, split-interest trusts typically benefit specific programs as defined in the terms of the trust.

Supplemental executive retirement program assets – Assets set aside to fulfill obligations as they come due according to the terms of the retirement program.

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Investments were as follows as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                     | <b>2020</b>       | <b>2019</b>       |
|----------------------------------------------|-------------------|-------------------|
| Corporate bonds                              | \$ 235,249        | \$ 153,940        |
| Equity mutual funds                          | 128,569           | 128,287           |
| Cash and cash equivalents                    | 13,147            | 9,436             |
| Split-interest trusts                        | 7,124             | 7,383             |
| Hedged equity mutual funds                   | 64,986            | 61,401            |
| Fixed income mutual funds                    | 190,054           | 167,079           |
| Certificates of deposit                      | 16,338            | 25,897            |
| Asset-backed securities                      | 26,448            | 29,506            |
| Real estate mutual funds                     | 20,680            | 18,969            |
| Commercial paper                             | 22,218            | 10,916            |
| Government bonds                             | 80,145            | 10,604            |
| Hedged debt mutual funds                     | 70,958            | 86,678            |
| Commodities and managed futures mutual funds | 15,902            | 6,895             |
| Target date mutual funds                     | 4,865             | 5,544             |
| Total investments, at fair value             | <u>\$ 896,683</u> | <u>\$ 722,535</u> |

Investment returns comprise the following elements for Fiscal 2020 and 2019:

| <i>(\$ in thousands)</i>                      | <b>2020</b>      | <b>2019</b>      |
|-----------------------------------------------|------------------|------------------|
| Interest and dividend income                  | \$ 19,013        | \$ 19,749        |
| Net realized gains on sales of securities     | 5,025            | 10,847           |
| Realized investment gains, before fees        | 24,038           | 30,596           |
| Unrealized investment gains (losses), net     | 3,637            | (126)            |
| Total investment returns before fees          | 27,675           | 30,470           |
| Investment manager and trustee fees and other | (451)            | (364)            |
| Total income from investments, net            | <u>\$ 27,224</u> | <u>\$ 30,106</u> |

VUMC has exposure to risks, including liquidity, interest rate, counterparty, basis, regulatory, market, and credit risks, for marketable securities. Due to the level of risk exposure, it is possible that material near-term valuation changes for investment securities may occur.

VUMC manages all investments, including endowments, in various investment pools.

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**10. Property, Plant, and Equipment, Net**

Property, plant, and equipment comprise the following as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                  | <b>2020</b>         | <b>2019</b>         |
|-------------------------------------------|---------------------|---------------------|
| Land and land improvements                | \$ 40,800           | \$ 33,404           |
| Buildings and improvements                | 1,189,614           | 1,005,364           |
| Equipment and software                    | 562,360             | 441,091             |
| Leasehold improvements                    | 86,869              | 82,322              |
| Construction in progress                  | 77,739              | 145,380             |
| Property, plant, and equipment at cost    | 1,957,382           | 1,707,561           |
| Accumulated depreciation and amortization | (432,279)           | (312,466)           |
| Property, plant, and equipment, net       | <u>\$ 1,525,103</u> | <u>\$ 1,395,095</u> |

As part of the MTSA, VUMC acquired land and land improvements and buildings and improvements which are not allowed to be repurposed without the express consent of VU.

In Fiscal 2020 and 2019, VUMC capitalized interest of \$2.9 million and \$6.0 million, respectively, related to long-term capital projects, primarily the MCJCHV expansion and the VUAH bed expansion.

Property, plant, and equipment balances above include the following amounts related to capitalized internal use software:

| <i>(\$ in thousands)</i>              | <b>2020</b>       | <b>2019</b>       |
|---------------------------------------|-------------------|-------------------|
| Equipment and software                | \$ 167,897        | \$ 158,189        |
| Construction in progress              | 11,063            | 2,976             |
|                                       | 178,960           | 161,165           |
| Accumulated amortization              | (40,823)          | (26,063)          |
| Internal use software, carrying value | <u>\$ 138,137</u> | <u>\$ 135,102</u> |

Depreciation and amortization comprise the following amounts in Fiscal 2020 and 2019:

| <i>(\$ in thousands)</i>                                                          | <b>2020</b>       | <b>2019</b>       |
|-----------------------------------------------------------------------------------|-------------------|-------------------|
| Depreciation of tangible assets                                                   | \$ 97,976         | \$ 82,236         |
| Amortization of finance leases, leasehold improvements, and internal use software | 28,678            | 24,288            |
| Total depreciation and amortization                                               | <u>\$ 126,654</u> | <u>\$ 106,524</u> |

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**11. Long-Term Debt**

Long-term debt comprises the following as of June 30, 2020 and 2019:

|                                   | <b>2020</b>     | <b>2019</b>     |                            |                    |
|-----------------------------------|-----------------|-----------------|----------------------------|--------------------|
|                                   | <b>Carrying</b> | <b>Carrying</b> | <b>Effective</b>           | <b>Fiscal</b>      |
| (\$ in thousands)                 | <b>Amount</b>   | <b>Amount</b>   | <b>Interest</b>            | <b>Year</b>        |
|                                   |                 |                 | <b>Rate <sup>(2)</sup></b> | <b>of Maturity</b> |
| <b>Series debt</b>                |                 |                 |                            |                    |
| Fixed-rate debt                   |                 |                 |                            |                    |
| Series 2016A                      | \$ 476,930      | \$ 476,930      | 4.1 %                      | 2047               |
| Series 2016B                      | 300,000         | 300,000         | 4.1 %                      | 2027               |
| Series 2017A                      | 121,270         | 121,270         | 4.1 %                      | 2049               |
| Series 2017                       | 100,000         | 100,000         | 4.2 %                      | 2038               |
| Series 2019B                      | 128,600         | -               | 3.9 %                      | 2055               |
| Series 2020A                      | 300,000         | -               | 2.2 %                      | 2022               |
| Total fixed-rate debt             | 1,426,800       | 998,200         | 3.8 %                      |                    |
| Variable-rate debt                |                 |                 |                            |                    |
| Series 2016D                      | 100,000         | 100,000         | 4.1 %                      | 2047               |
| Series 2016E                      | -               | 128,070         | 4.0 %                      | 2047               |
| Series 2016F                      | 21,900          | 21,900          | 2.8 %                      | 2025               |
| Series 2017B                      | 50,000          | 50,000          | 2.8 %                      | 2047               |
| Series 2018                       | 53,385          | 53,385          | 1.9 %                      | 2050               |
| Series 2019A                      | 35,000          | -               | 2.0 %                      | 2050               |
| Total variable-rate debt          | 260,285         | 353,355         | 3.0 %                      |                    |
| Total series debt                 | 1,687,085       | 1,351,555       |                            |                    |
| <b>Other long-term debt</b>       |                 |                 |                            |                    |
| Line of credit                    | 100,000         | -               | 1.1 %                      | 2021               |
| Subordinated note payable         | 79,583          | 84,583          | 3.2 %                      | 2036               |
| Product financing arrangement     | 29,236          | 31,508          | 4.6 %                      | 2027               |
| Finance leases                    | 15,980          | 1,730           | 3.1 %                      | Various            |
| Subtotal <sup>(1)</sup>           | 1,911,884       | 1,469,376       | 3.7 %                      |                    |
| Net unamortized premiums          | 56,244          | 58,424          |                            |                    |
| Net unamortized issuance costs    | (12,517)        | (12,355)        |                            |                    |
| Total long-term debt              | 1,955,611       | 1,515,445       |                            |                    |
| Line of credit                    | (100,000)       | -               |                            |                    |
| Current portion of long-term debt | (14,321)        | (8,568)         |                            |                    |
| Long-term debt, net               | \$ 1,841,290    | \$ 1,506,877    |                            |                    |

(1) The effective interest rate of 3.7% as of June 30, 2020, is presented exclusive of interest rate exchange agreements discussed in Note 12 Interest Rate Exchange Agreements. Inclusive of these agreements, the overall portfolio effective interest rate was 4.0%.

(2) The effective interest rate for each debt instrument is calculated by dividing each instrument's interest expense by the weighted average debt outstanding, and where applicable, interest expense is reduced by premium amortization and increased by original issue discount amortization. Interest rates per the agreements are detailed in the accompanying notes.

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On April 29, 2016, VUMC issued the Series 2016 A, B, D, E, and F bonds (“2016 Series Debt”) and notes aggregating \$1.3 billion of proceeds for the purpose of financing the Medical Center Acquisition and paying a portion of the costs of issuance associated with the 2016 Series Debt.

The bonds and notes comprising the 2016 Series Debt were issued by the Health and Educational Facilities Board of The Metropolitan Government of Nashville and Davidson County, Tennessee (“HEFB”). As a conduit issuer, the HEFB loaned the debt proceeds to VUMC. VUMC’s debt service requirements under these loan agreements coincide with required debt service of the actual HEFB bonds.

- The Series 2016A tax-exempt fixed-rate revenue bonds were issued in the par amount of \$476.9 million and include an original issue premium of \$59.6 million. The Series 2016A bonds have a final maturity date of July 1, 2046, and can be optionally redeemed at par on or after July 1, 2026. The 2016A bonds were structured as serial bonds with maturities from Fiscal 2030 through 2032, as well as three term bonds maturing Fiscal 2036 through 2047, which are subject to mandatory sinking fund redemption in lots. The Series 2016A bonds bear interest at 5% per annum and pay interest semiannually on July 1 and January 1.
- The Series 2016B taxable fixed-rate revenue bonds were issued in the par amount of \$300.0 million, bearing interest at 4.1% per annum. Interest is paid semiannually on July 1 and January 1, and has a bullet maturity of July 1, 2026. VUMC is entitled, at its option, to redeem all or a portion of the Series 2016B bonds before April 1, 2026, at a make-whole redemption price, which equals the greater of (i) 100% of the remaining outstanding principal and (ii) the net present value of the remaining scheduled principal and interest payments to the original maturity date, using a discount rate of 35 basis points above rates for U.S. Treasury securities with comparable maturities.
- The Series 2016D taxable variable-rate revenue notes (“floating rate notes”) were issued in the par amount of \$100.0 million and bear interest initially at a fixed spread to one-month LIBOR of 2.5% through the initial mandatory tender date of July 1, 2021, and a final maturity of July 1, 2046. Beginning six months prior to the mandatory tender date of July 1, 2021, the bonds have an optional redemption feature. If the Series 2016D bonds are successfully remarketed at the mandatory tender date, they are subject to mandatory redemption in lots commencing on July 1, 2021, and each July thereafter until final maturity.
- The Series 2016E taxable term loan revenue notes were issued in the par amount of \$128.1 million and were placed privately with a bank. The notes bear interest in a variable-rate mode at a fixed spread to one-month LIBOR of 2.4% through the initial mandatory tender date of July 1, 2022, and a final maturity of July 1, 2046. During Fiscal 2018, VUMC renegotiated the interest to a variable-rate mode at a fixed spread to one-month LIBOR of 1.8%. In addition to optional redemption of all or a portion of the notes at any time, subject to notice, the Series 2016E notes are subject to principal amortization commencing on July 1, 2022, as defined in the Series 2016E loan agreement between VUMC and the lender. During Fiscal 2020, the Series 2016E bonds were extinguished using proceeds from the 2019B taxable fixed private placement notes, discussed further below.
- The Series 2016F taxable variable-rate revenue bonds were issued in the par amount of \$75.0 million and were placed privately with a bank. The bonds bear interest in a variable-rate mode at a fixed spread to one-month LIBOR of 2.5% through the initial mandatory tender date of July 1, 2022. During Fiscal 2018, \$53.1 million of the Series 2016F bonds were extinguished using proceeds from the 2018 tax-exempt fixed-rate revenue bonds, discussed further below. The renegotiated interest rate on the remaining \$21.9 million of principal outstanding is a

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variable-rate mode at a fixed spread to one-month LIBOR of 1.2%. The remaining principal has a mandatory tender date of July 1, 2024. Prior to that, VUMC must pay \$2.1 million of principal on July 1, 2022, and \$2.2 million of principal on July 1, 2023. The remaining \$17.6 million of principal is due on July 1, 2024.

On July 26, 2017, the Series 2017A Tax-Exempt and Series 2017 Taxable Corporate Bonds were issued, and on August 1, 2017, the Series 2017B Taxable Revenue Bonds were issued ("2017 Series Debt"), aggregating \$271.3 million of proceeds for the purpose of refinancing existing debt, funding capital projects related to the MCJCHV expansion and the VUAH bed expansion/clinical relocation, which is a phased project, and paying a portion of the costs of issuance associated with the 2017 Series Debt.

The Series 2017A Tax-Exempt Revenue Bonds and the Series 2017B Taxable Term Loan Revenue Note were issued by the HEFB. The Series 2017 Taxable Bonds were a corporate issue with VUMC as the issuer.

- The Series 2017A tax-exempt fixed-rate revenue bonds were issued in the par amount of \$121.3 million and include an original issue premium of \$5.1 million. The final maturity date is July 1, 2048, and optional redemption at par can occur on or after July 1, 2027. The Series 2017A bonds bear interest at 4.4% per annum and pay interest semiannually on July 1 and January 1.
- The Series 2017 taxable fixed-rate corporate bonds were issued in the par amount of \$100.0 million, bearing interest at 4.2% per annum. Interest is paid semiannually on July 1 and January 1, and the bonds have a final maturity date of July 1, 2037. There is a bullet payable beginning July 1, 2026, that allows VUMC to call the debt.
- The Series 2017B taxable variable-rate term loan notes were issued in the par amount of \$50 million and placed privately with a bank. The notes bear interest initially at a fixed-spread to one-month LIBOR of 1.2%. The notes have a final maturity date of July 1, 2046, a tender date of August 1, 2024, and may be redeemed at any time. Proceeds from the issuance of the Series 2017B notes were used to extinguish the Series 2016C R-FLOATs, initially issued on April 29, 2016.

On April 20, 2018, the Series 2018 Tax-Exempt Revenue Bonds ("2018 Series Debt") aggregating \$53.4 million of proceeds were issued for the purpose of refinancing existing debt and paying a portion of the costs of issuance associated with the 2018 Series Debt. The Series 2018 Tax-Exempt Revenue Bonds were issued by the HEFB, were placed privately with a bank, and bear interest at a fixed spread to 81% of one-month LIBOR of 0.6%. The bonds have a final maturity date of July 1, 2049 and can be optionally redeemed on or after July 1, 2025. Proceeds from the issuance of the Series 2018 bonds were used to extinguish a portion of the Series 2016F taxable variable-rate bonds.

On July 30, 2019, VUMC entered into a term loan agreement (2019A Term Loan) with a lender for \$35 million to pay for the acquisition of Tennova – Lebanon (now Vanderbilt Wilson County Hospital) hospital facilities, near term capital expenditures, and costs of issuance. The term loan bears interest at a variable rate plus a fixed spread to one-month LIBOR of 0.50% through the maturity date of August 1, 2029. VUMC has the option to redeem prepay all or a portion of the loan at any time, subject to notice. The 2019 loan is subject to principal amortization commencing on July 1, 2024 and ending July 1, 2049, as defined in the 2019 loan agreement between VUMC and the lender.

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On October 22, 2019, the Series 2019B Taxable Fixed Private Placement Notes ("Series 2019B Notes") aggregating \$128.6 million of proceeds were issued for the purpose of refinancing existing debt and paying a portion of the costs of issuance associated with the Series 2019B Notes. The lender for the Series 2019B Notes was New York Life. The Series 2019B Notes were placed privately with a bank, and bear interest at a fixed rate of 3.9% per annum. The notes have a final maturity date of July 1, 2054. Proceeds from the issuance of the Series 2019B Notes were used to extinguish the Series 2016E Taxable Term Loan Revenue Notes.

On April 9, 2020, the Series 2020A Taxable Fixed Term Loan ("Series 2020A Loan") aggregating \$300 million was issued to provide additional liquidity during the COVID-19 pandemic. The lender for the Series 2020A Loan was JPMorgan Chase Bank. The debt bears interest at a fixed rate of 2.1% per annum, has an optional redemption after one year, and has a final maturity date of April 1, 2022. As of June 30, 2020, these funds have not been used and are held in cash and investments on the consolidated balance sheet.

Each of the bonds and notes comprising the 2016, 2017, 2018, 2019, and 2020 Series Debt represent separate obligations under a Master Trust Indenture ("MTI") structure. The MTI provides the flexibility for multiple parties to participate in debt issuances as part of an obligated group; presently, VUMC has no other third-party members participating in the obligated group. All debt issued under the MTI is a general obligation of the obligated group. Under the provisions of the Leasehold Deed of Trust, Security Agreement, Assignment of Rents and Leases, and Fixture Filing (the "Security Agreement") within the MTI, gross receivables of the obligated group are pledged as collateral. Additionally, the Security Agreement established a mortgage lien on (i) the leasehold interest of the land subject to the Ground Lease; (ii) the buildings, structures, improvements, and fixtures now or hereafter located on the land subject to the Ground Lease; and (iii) certain other collateral.

Trust indentures for certain bond issues contain covenants and restrictions, the most material of which include limitations on the issuance of additional debt, maintenance of a specified debt service coverage ratio, and a minimum amount of days cash on hand. VUMC complied with such covenants and restrictions as of June 30, 2020 and 2019.

On April 29, 2016, VUMC delivered a secured subordinated promissory note in the amount of \$100.0 million to the University to finance the Acquisition (the "subordinated note"). In July of 2018, VU sold its rights to future principal and interest payments on this note to a third party. The note was issued at a fixed rate of 3.25% with monthly principal payments totaling \$5.0 million annually commencing on May 31, 2016, for a period of 20 years ending on April 30, 2036. VUMC may, at any time and from time to time, without premium or penalty, prepay all or any portion of the unpaid principal amount of the subordinated note. This note is secured by the gross receivables and mortgaged property described in the Security Agreement subject to the requirements of the 2016 Series Debt and the MTI.

As part of the Acquisition, VUMC assumed a 10-year, unsecured, noninterest-bearing product financing arrangement with a vendor for the purchase and implementation of internal use software. As part of this agreement, VUMC committed to an annual payment of \$0.5 million payable in monthly installments through November 2019. These payments were considered imputed interest. During Fiscal 2020, the annual payment increased to \$5.3 million payable in monthly installments. These payments are considered principal and imputed interest and continue through Fiscal 2027. The balance due under the Product Financing Arrangement is \$29.2 million and \$31.5 million as of June 30, 2020 and 2019, respectively. At June 30, 2020 and 2019, \$4.1 million and \$1.9 million was included in the current portion of long-term debt caption, with the remaining balance in long-term debt, net of current portion.

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In Fiscal 2020 and 2019, noncash investing and financing activities totaled \$19.1 million and \$2.4 million, respectively, related to finance leases.

VUMC has an agreement with a bank to provide a general use line of credit with a maximum available commitment totaling \$100.0 million. On March 18, 2020, VUMC drew down the available \$100 million, which bears interest at a fixed spread to one-month LIBOR of 0.7% and has no maturity date if the line of credit is renewed annually. The outstanding balance on the line of credit is \$100.0 million and \$0.0 million as of June 30, 2020 and 2019, respectively. The line of credit accrues a commitment fee of 0.15% per annum on any unused portion of the line of credit.

VUMC established three additional lines of credit with banks in Fiscal 2020:

- \$50 million line of credit with Truist, bearing interest at a fixed spread to one-month LIBOR of 1.0%, maturing in FY 2022 with a commitment fee of 0.25% on any unused portion of the line of credit.
- \$50 million line of credit with Truist, bearing interest at a fixed spread to one-month LIBOR of 0.85%, maturing in FY 2021 with a commitment fee of 0.25% on any unused portion of the line of credit.
- \$50 million line of credit with Bank of New York Mellon, bearing interest at a fixed spread to one-month LIBOR of 1.4%, maturing in FY 2021 with a commitment fee of 0.25% on any unused portion of the line of credit.

As of June 30, 2020, VUMC has not drawn on any of these three new lines of credit. Commitment fees for the lines of credit totaled \$0.2 million in Fiscal 2020.

Interest paid on all obligations, net of amounts capitalized, was \$62.7 million and \$59.7 million in Fiscal 2020 and 2019, respectively.

Principal retirements and scheduled sinking fund requirements based on nominal maturity schedules for long-term debt due in subsequent fiscal years ending June 30 are as follows:

*(\$ in thousands)*

|            |                     |
|------------|---------------------|
| 2021       | \$ 114,321          |
| 2022       | 412,963             |
| 2023       | 14,763              |
| 2024       | 14,528              |
| 2025       | 79,658              |
| Thereafter | 1,275,651           |
|            | <u>\$ 1,911,884</u> |

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**12. Interest Rate Exchange Agreements**

On April 29, 2016, the University transferred an interest rate exchange agreement to VUMC with a total notional amount of \$150.0 million and an original termination date of May 1, 2040. VUMC split the transferred notional amount into two agreements, with key features summarized below:

| <u>Notional Amount</u> | <u>Pay Fixed Rate</u> | <u>Receive Variable Rate</u> | <u>Mandatory Termination Date</u> |
|------------------------|-----------------------|------------------------------|-----------------------------------|
| \$75.0 million         | 4.12%                 | 68% of one-month LIBOR       | April 29, 2021 <sup>(1)</sup>     |
| \$75.0 million         | 4.18%                 | 68% of one-month LIBOR       | April 29, 2023                    |

<sup>(1)</sup> As of June 30, 2020, we were negotiating to extend the mandatory termination date for this agreement. Subsequent to the balance sheet date, we executed this agreement which extended the mandatory termination date to April 2026. Under these new terms, the fixed rate increases to 4.28% starting May 3, 2021.

VUMC incorporated these interest rate exchange agreements into its debt portfolio management strategy. Collateral pledging requirements were removed from the novated agreements, and the agreements were modified to either be negotiated, extended, or terminated automatically on April 29, 2021 and 2023, at which point the exchange agreements will be settled at fair value.

VUMC recorded the following activity related to the interest rate exchange agreements during Fiscal 2020 and 2019:

| <i>(\$ in thousands)</i>                                                      | <u>2020</u>        | <u>2019</u>        |
|-------------------------------------------------------------------------------|--------------------|--------------------|
| Mark-to-market adjustments                                                    | \$ (32,441)        | \$ (13,695)        |
| Cash settlements                                                              | <u>(4,711)</u>     | <u>(3,785)</u>     |
| Unrealized loss on interest rate exchange agreements, net of cash settlements | <u>\$ (37,152)</u> | <u>\$ (17,480)</u> |

**13. Leases**

VUMC has operating and finance leases for real estate, personal property and equipment. VUMC determines if an arrangement is a lease at the inception of a contract. Leases with an initial term of twelve months or less are not recorded on the consolidated balance sheets.

VUMC has lease agreements which require payments for lease and non-lease components and has elected to account for these as a single lease component. For leases that commenced before the effective date of ASU 2016-02, VUMC elected the permitted practical expedients to not reassess the following: (i) whether any expired or existing contracts contain leases; (ii) the lease classification for any expired or existing leases; and (iii) initial direct costs for any existing leases.

Right-of-use assets represent VUMC's right to use an underlying asset during the lease term, and lease liabilities represent VUMC's obligation to make lease payments arising from the lease. Right-of-use assets and liabilities are recognized at the commencement date, based on the net present value of fixed lease payments over the lease term. VUMC's lease terms include options to extend or terminate the lease when it is reasonably certain that the options will be exercised. As most of

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VUMC's operating leases do not provide an implicit rate, VUMC uses its incremental borrowing rate based on the information available at the commencement date in determining the present value of lease payments. VUMC considers recent debt issuances, as well as publicly available data for instruments with similar characteristics when calculating its incremental borrowing rates. Finance lease agreements generally include an interest rate that is used to determine the present value of future lease payments. Operating fixed lease expense and finance lease depreciation expense are recognized on a straight-line basis over the lease term. Variable lease costs consist primarily of common area maintenance.

Operating and finance lease right-of-use assets and lease liabilities as of June 30, 2020 is as follows:

| <i>(\$ in thousands)</i>                | <b>Balance Sheet Classification</b>               | <b>2020</b>       |
|-----------------------------------------|---------------------------------------------------|-------------------|
| <b>Assets:</b>                          |                                                   |                   |
| Operating leases                        | Operating leases                                  | \$ 846,695        |
| Finance leases                          | Property, plant, and equipment, net               | 16,712            |
| Total lease assets                      |                                                   | <u>\$ 863,407</u> |
| <b>Liabilities:</b>                     |                                                   |                   |
| <b>Current:</b>                         |                                                   |                   |
| Operating leases                        | Current portion of operating lease liabilities    | \$ 70,062         |
| Finance leases                          | Current portion of long-term debt                 | 5,206             |
| <b>Noncurrent:</b>                      |                                                   |                   |
| Operating leases                        | Noncurrent portion of operating lease liabilities | 797,811           |
| Finance leases                          | Long-term debt, net of current portion            | 10,774            |
| Total lease liabilities                 |                                                   | <u>\$ 883,853</u> |
| <b>Weighted-average remaining term:</b> |                                                   |                   |
| Operating leases                        |                                                   | 57.3 years        |
| Finance leases                          |                                                   | 3.8 years         |
| <b>Weighted-average discount rate:</b>  |                                                   |                   |
| Operating leases                        |                                                   | 3.7%              |
| Finance leases                          |                                                   | 2.4%              |

Included in the tables above is the Ground Lease with VU expiring in 2115 discussed below. Excluding this lease, the weighted average remaining lease term for VUMC's operating leases is 8.7. The land lease comprises \$489.7 million of the operating lease asset and \$492.5 million of the operating lease liability detailed below.

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Lease expense for finance and operating leases for the year ended June 30, 2020, are as follows:

| <i>(\$ in thousands)</i>                | <b>2020</b>       |
|-----------------------------------------|-------------------|
| Finance lease expense:                  |                   |
| Amortization of leased assets           | \$ 4,433          |
| Interest on lease liabilities           | 273               |
| Operating lease expense <sup>(1)</sup>  | 107,358           |
| Short-term lease expense <sup>(1)</sup> | 3,787             |
| Variable lease expense <sup>(1)</sup>   | 13,321            |
|                                         | <u>\$ 129,172</u> |

<sup>(1)</sup> Expense is included in "Facilities and equipment" in the consolidated statements of operations.

The following table presents supplemental cash flow information for the year ended June 30, 2020:

| <i>(\$ in thousands)</i>                                                | <b>2020</b> |
|-------------------------------------------------------------------------|-------------|
| Cash paid for amounts included in the measurement of lease liabilities: |             |
| Operating cash flows for operating leases                               | \$ 103,166  |
| Operating cash flows for finance leases                                 | 273         |
| Financing cash flows for finance leases                                 | 4,334       |

The following table reconciles the undiscounted minimum lease payments to the operating and financing lease liabilities recorded on the consolidated balance sheet at June 30, 2020:

| <i>(\$ in thousands)</i>                             | <b>Operating<br/>Leases</b> | <b>Finance<br/>Leases</b> |
|------------------------------------------------------|-----------------------------|---------------------------|
| 2021                                                 | \$ 98,655                   | \$ 5,396                  |
| 2022                                                 | 79,773                      | 3,832                     |
| 2023                                                 | 69,309                      | 3,231                     |
| 2024                                                 | 62,709                      | 2,692                     |
| 2025                                                 | 59,110                      | 1,253                     |
| Thereafter                                           | 1,888,989                   | -                         |
| Total minimum lease payments                         | <u>2,258,545</u>            | <u>16,404</u>             |
| Less: amount of lease payments representing interest | (1,390,672)                 | (424)                     |
| Present value of future minimum lease payments       | <u>867,873</u>              | <u>15,980</u>             |
| Less: current lease obligations                      | (70,062)                    | (5,206)                   |
| Long-term lease obligations                          | <u>\$ 797,811</u>           | <u>\$ 10,774</u>          |

In Fiscal 2019, rent expense was \$124.8 million.

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Essential provisions of leases considered by management to be material are as follows:

- On April 29, 2016, VUMC entered into a Ground Lease with VU for approximately 1.7 million square feet of land for an initial term ending June 30, 2115, and an option to extend for up to two additional terms of 50 to 99 years each upon agreement by VU and VUMC. The initial annual base rent of \$19.4 million is payable monthly, and is CPI adjusted annually. The Ground Lease allows VUMC to use the land on which its campus and related buildings are located. Included in the table above are \$1.8 billion in ground lease payments representing future minimum rentals based on current payments.
- In July 2007, VU entered into an agreement to lease approximately 50% of the space in the 850,000 square foot One Hundred Oaks shopping center located approximately five miles from the main campus ("100 Oaks Lease"). VU redeveloped this leased space primarily for medical and office uses. This operating lease commenced during Fiscal 2009 with an initial lease term of 12 years. In October 2014, VU agreed to an amendment which extends the original lease term by an additional 15 years, with an option to renew the lease further for four additional 10-year periods. As part of the lease agreement, the lessee also has first rights on leasing additional space in the shopping center and first rights on purchasing if the landlord desires to sell. On April 29, 2016, the 100 Oaks Lease was assigned to VUMC. As a condition of the assignment, amendments to the 100 Oaks Lease were added which required VUMC to provide the landlord a \$25.0 million irrevocable standby letter of credit, pay a \$13.2 million refinancing penalty payable to the landlord, and pay \$7.8 million of the landlord's closing costs, financing fees, and prepayment penalties associated with a refinancing of the landlord's debt. The prepayment penalty and closing costs were recorded as part of the Acquisition. The irrevocable standby letter of credit must remain in place through April 29, 2026. The amounts related to this standby letter of credit are recorded as facilities and equipment expense and totaled \$0.2 million in both Fiscal 2020 and 2019. VUMC included minimum property rental payments totaling \$118.6 million related to this space in the above minimum lease payments table.
- On April 29, 2016, VU assigned to VUMC a lease for approximately 231,000 square feet of office space at 2525 West End Avenue with expiration dates ranging from 2026 through 2030, with options to renew for two additional five-year periods. VUMC included minimum lease payments totaling \$67.8 million related to this space in the above minimum lease payments table.
- On April 29, 2016, VUMC and VU entered into certain lease agreements for the use of space in buildings owned by both entities. As of June 30, 2020, VUMC's estimated future minimum lease payments to VU totaled \$22.1 million. Estimated future lease receipts from VU for the fiscal year ended June 30, 2021, are \$7.4 million, subject to annual renewal.

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**14. Net Assets**

Net asset restrictions relate to the following purposes as of June 30, 2020 and 2019:

| <i>(\$ in thousands)</i>                 | <b>2020</b>       | <b>2019</b>       |
|------------------------------------------|-------------------|-------------------|
| Donor-restricted - time or purpose       |                   |                   |
| Property, plant, and equipment           | \$ 10,920         | \$ 11,023         |
| Research and education                   | 106,167           | 88,084            |
| Operations                               | 4,661             | 3,841             |
| Total donor-restricted - time or purpose | <u>\$ 121,748</u> | <u>\$ 102,948</u> |
| Donor restricted - perpetuity            |                   |                   |
| Research and education                   | <u>\$ 64,807</u>  | <u>\$ 52,949</u>  |

**Net assets without donor restrictions** are free of donor-imposed restrictions. This classification includes all revenues, gains, and losses not restricted by donors. VUMC reports all expenditures in net assets without donor restrictions since the use of restricted contributions in accordance with donors' stipulations results in the release of the restriction.

**Donor restricted – time or purpose** contain donor-imposed stipulations that expire with the passage of time or that can be satisfied by the action of VUMC. These net assets may include unconditional pledges, split-interest agreements, interests in trusts held by others, and accumulated appreciation on donor-restricted endowments not yet appropriated by the Board of Directors for distribution. Donor gifts that are restricted for funding capital projects are considered released from restriction once related capital expenditures have been made and the asset is placed in service.

**Donor restricted – perpetuity** contains amounts held in perpetuity as requested by donors. These net assets may include unconditional pledges, donor-restricted endowments, split-interest agreements, and interests in trusts held by others. Generally, the donors of these assets permit VUMC to use a portion of the income earned on related investments for specific purposes.

UPMIFA specifies that unless stated otherwise in a gift instrument, donor-restricted assets in an endowment fund are restricted assets until appropriated for expenditure. Barring the existence of specific instructions in gift agreements for donor-restricted endowments, VUMC reports the historical value of such endowments as donor restricted – perpetuity and the net accumulated appreciation as donor restricted – time or purpose. In this context, the historical value represents the original value of initial contributions restricted as permanent endowments plus the original value of subsequent contributions and, if applicable, the value of accumulations made in accordance with the direction of specific donor gift agreements.

**15. Fair Value Measurements**

Fair value measurements represent the amount at which the instrument could be exchanged in an orderly transaction between market participants at the measurement date. VUMC utilizes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three levels:

- |         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Level 1 | Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that VUMC has the ability to access.                                                                                                                                                                                                                                               |
| Level 2 | Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets, inputs other than quoted prices that are observable for the assets or liabilities, and inputs that are derived principally from or corroborated by observable market data by correlation or other means. |
| Level 3 | Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Unobservable inputs reflect VUMC's assumptions about the inputs market participants would use in pricing the asset or liability, including assumptions about risk. Unobservable inputs are developed based on the best information available in the circumstances and may include VUMC's own data.    |

VUMC's principal assets and liabilities are cash and cash equivalents, investments, patient accounts receivable, estimated receivables and payables under third-party programs, grants and contracts receivable, pledges receivable, accounts payable and other accrued expenses, self-insurance reserves, long-term debt, and interest rate exchange agreements. Except for long-term debt, the carrying amount of these assets and liabilities approximates fair value.

As of June 30, 2020, the carrying value and estimated fair value of total long-term debt totaled \$2.0 billion and \$2.0 billion, respectively. As of June 30, 2019, the carrying value and estimated fair value of total long-term debt totaled \$1.5 billion and \$1.6 billion, respectively. VUMC bases estimated fair value of long-term debt on market conditions prevailing at fiscal year-end reporting dates. Besides potentially volatile market conditions, fair value estimates typically reflect limited secondary market trading. The fair values of the fixed-rate Series Debt, as defined in Note 11 Long-Term Debt, were based on a Level 2 computation using quoted prices for similar liabilities in active markets as of June 30, 2020 and 2019, as applicable. The carrying amounts related to VUMC's variable-rate Series Debt and other long-term debt obligations approximate their fair values as of June 30, 2020 and 2019. As of June 30, 2020 and 2019, the fair values of the subordinated note payable and the product financing arrangement were based on a Level 2 discounted cash flow approach applying a risk-adjusted spread for issuers of similar credit quality to U.S. Treasury yields for securities with comparable maturities.

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For financial instruments measured at fair value on a recurring basis, the following tables summarize valuation hierarchy levels as of June 30, 2020 and 2019, determined by the nature of the financial instrument and the least observable input significant to the fair value measurement:

| Fair Value Measurements as of June 30, 2020      |                   |                   |             |                             |
|--------------------------------------------------|-------------------|-------------------|-------------|-----------------------------|
|                                                  |                   |                   |             | Total<br>Carrying<br>Amount |
| (\$ in thousands)                                | Level 1           | Level 2           | Level 3     |                             |
| <b>Assets</b>                                    |                   |                   |             |                             |
| Corporate bonds                                  | \$ 15,805         | \$ 219,444        | \$ -        | \$ 235,249                  |
| Equity mutual funds                              | 34,589            | 93,980            | -           | 128,569                     |
| Cash and cash equivalents                        | 13,147            | -                 | -           | 13,147                      |
| Beneficial interests in<br>split-interest trusts | -                 | 7,124             | -           | 7,124                       |
| Hedged equity mutual funds                       | -                 | 64,986            | -           | 64,986                      |
| Fixed-income mutual funds                        | 120,658           | 69,396            | -           | 190,054                     |
| Certificates of deposit                          | -                 | 16,338            | -           | 16,338                      |
| Asset-backed securities                          | -                 | 26,448            | -           | 26,448                      |
| Real estate mutual funds                         | -                 | 20,680            | -           | 20,680                      |
| Commercial paper                                 | -                 | 22,218            | -           | 22,218                      |
| Government bonds                                 | 10,665            | 69,480            | -           | 80,145                      |
| Hedged debt mutual funds                         | -                 | 70,958            | -           | 70,958                      |
| Commodities and managed<br>futures mutual funds  | 9,121             | 6,781             | -           | 15,902                      |
| Target date mutual funds                         | -                 | 4,865             | -           | 4,865                       |
| Total assets<br>reported at fair value           | <u>\$ 203,985</u> | <u>\$ 692,698</u> | <u>\$ -</u> | <u>\$ 896,683</u>           |
| <b>Liabilities</b>                               |                   |                   |             |                             |
| Interest rate<br>exchange agreements             | \$ -              | \$ 100,342        | \$ -        | \$ 100,342                  |
| Total liabilities<br>reported at fair value      | <u>\$ -</u>       | <u>\$ 100,342</u> | <u>\$ -</u> | <u>\$ 100,342</u>           |

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| (\$ in thousands)                             | Fair Value Measurements as of June 30, 2019 |            |         |                       |
|-----------------------------------------------|---------------------------------------------|------------|---------|-----------------------|
|                                               | Level 1                                     | Level 2    | Level 3 | Total Carrying Amount |
| <b>Assets</b>                                 |                                             |            |         |                       |
| Corporate bonds                               | \$ 2,657                                    | \$ 151,283 | \$ -    | \$ 153,940            |
| Equity mutual funds                           | 31,873                                      | 96,414     | -       | 128,287               |
| Cash and cash equivalents                     | 9,436                                       | -          | -       | 9,436                 |
| Beneficial interests in split-interest trusts | -                                           | 7,383      | -       | 7,383                 |
| Hedged equity mutual funds                    | -                                           | 61,401     | -       | 61,401                |
| Fixed-income mutual funds                     | 46,146                                      | 120,933    | -       | 167,079               |
| Certificates of deposit                       | -                                           | 25,897     | -       | 25,897                |
| Asset-backed securities                       | -                                           | 29,506     | -       | 29,506                |
| Real estate mutual funds                      | -                                           | 18,969     | -       | 18,969                |
| Commercial paper                              | -                                           | 10,916     | -       | 10,916                |
| Government bonds                              | -                                           | 10,604     | -       | 10,604                |
| Hedged debt mutual funds                      | -                                           | 86,678     | -       | 86,678                |
| Commodities and managed futures mutual funds  | -                                           | 6,895      | -       | 6,895                 |
| Target date mutual funds                      | -                                           | 5,544      | -       | 5,544                 |
| Total assets reported at fair value           | \$ 90,112                                   | \$ 632,423 | \$ -    | \$ 722,535            |
| <b>Liabilities</b>                            |                                             |            |         |                       |
| Interest rate exchange agreements             | \$ -                                        | \$ 67,901  | \$ -    | \$ 67,901             |
| Total liabilities reported at fair value      | \$ -                                        | \$ 67,901  | \$ -    | \$ 67,901             |

VUMC employs derivatives, primarily interest rate exchange agreements, to help manage interest rate risks associated with variable-rate debt. In addition to the credit risk of the counterparty owing a balance, VUMC calculates the fair value of interest rate exchange agreements based on the present value of future net cash settlements that reflect market yields as of the measurement date.

Parties to interest rate exchange agreements are subject to risk for changes in interest rates, as well as the risk of credit loss in the event of nonperformance by the counterparty. VUMC deals only with high-quality counterparties that meet rating criteria for financial stability and credit-worthiness.

## 16. Retirement Plan

VUMC's full-time employees participate in a 403(b) defined contribution retirement plan administered by a third party. For eligible employees with one year of continuous service, this plan requires employer matching of employee contributions up to 5% of eligible compensation. The employee immediately vests in these contributions.

VUMC funds the obligations under this plan through monthly transfers to the respective retirement plan administrator with the corresponding expense recognized in the year incurred. During Fiscal 2020 and 2019, VUMC recognized \$69.8 million and \$64.1 million, respectively, of expense in connection with this plan.

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**17. Functional Expense**

VUMC provides general health care services primarily to residents within its geographic location and supports research and education programs. Total operating expense by nature and function for Fiscal 2020 and 2019 were as follows:

*(\$ in thousands)*

|                               | <b>For the year ended June 30, 2020</b> |                                                |                                     |                     |
|-------------------------------|-----------------------------------------|------------------------------------------------|-------------------------------------|---------------------|
|                               | <b>Healthcare<br/>Services</b>          | <b>Academic<br/>Research and<br/>Education</b> | <b>Administrative<br/>and Other</b> | <b>Total</b>        |
| Salaries, wages, and benefits | \$ 1,773,506                            | \$ 542,728                                     | \$ 179,561                          | \$ 2,495,795        |
| Supplies and drugs            | 980,544                                 | 46,640                                         | 19,214                              | 1,046,398           |
| Facilities and equipment      | 160,705                                 | 40,556                                         | 72,144                              | 273,405             |
| Services and other            | 549,059                                 | 98,291                                         | 92,905                              | 740,255             |
| Depreciation and amortization | 103,734                                 | 1,521                                          | 21,399                              | 126,654             |
| Interest                      | 47,172                                  | 13,585                                         | 14                                  | 60,771              |
| Total operating expense       | <u>\$ 3,614,720</u>                     | <u>\$ 743,321</u>                              | <u>\$ 385,237</u>                   | <u>\$ 4,743,278</u> |

*(\$ in thousands)*

|                               | <b>For the year ended June 30, 2019</b> |                                                |                                     |                     |
|-------------------------------|-----------------------------------------|------------------------------------------------|-------------------------------------|---------------------|
|                               | <b>Healthcare<br/>Services</b>          | <b>Academic<br/>Research and<br/>Education</b> | <b>Administrative<br/>and Other</b> | <b>Total</b>        |
| Salaries, wages, and benefits | \$ 1,613,439                            | \$ 490,280                                     | \$ 187,191                          | \$ 2,290,910        |
| Supplies and drugs            | 831,059                                 | 47,418                                         | 13,734                              | 892,211             |
| Facilities and equipment      | 156,210                                 | 38,257                                         | 74,507                              | 268,974             |
| Services and other            | 517,935                                 | 95,339                                         | 87,805                              | 701,079             |
| Depreciation and amortization | 83,922                                  | 992                                            | 21,610                              | 106,524             |
| Interest                      | 43,082                                  | 12,241                                         | 1,206                               | 56,529              |
| Total operating expense       | <u>\$ 3,245,647</u>                     | <u>\$ 684,527</u>                              | <u>\$ 386,053</u>                   | <u>\$ 4,316,227</u> |

Certain expense categories are attributable to more than one function. Therefore, these expenses require an allocation on a reasonable basis that is consistently applied. The expenses that are allocated include salaries, wages, and benefits, and services and other.

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**18. Commitments and Contingencies**

Management has policies, procedures, and an organizational structure to enforce and monitor compliance with government statutes and regulations. VUMC's compliance with such laws and regulations is subject to future government review and interpretations, as well as regulatory actions unknown or unasserted at this time.

- **Litigation.** VUMC is a defendant in certain lawsuits alleging medical malpractice and civil action.

On August 16, 2016, VUMC received written notice from VU of a third-party claim which could, if determined adversely to VU, require indemnification by VUMC pursuant to the provisions of the MTSA, dated as of April 29, 2016. The third-party claim was prompted by a lawsuit (Cassell v. Vanderbilt University, et al., No. 3:16-cv-02086 (U.S.D.C. M.D. TN)) brought by current and former employees of VU which alleged claims relating to administration of the Vanderbilt University Retirement Plan and New Faculty Plan. A settlement in the matter was reached and was approved by the United States District Court for the Middle District of Tennessee in late October 2019, under which Plaintiffs dismissed their lawsuit in exchange for payment by VU of \$14.5 million. VUMC had established a liability reserve reflecting its estimated liability under the settlement, net of proceeds of applicable policies of insurance. Settlement funds were deposited with the settlement administrator and were distributed to Plan participants beginning in April 2020, and the litigation is now resolved.

In late Fiscal 2018, VUMC identified that standing orders used in certain VUMC clinical departments may not have been documented and entered appropriately. Upon further review, VUMC determined that medical record documentation required to support the medical necessity for the services rendered pursuant to certain of such orders was insufficient and that certain reimbursement amounts received for the services so ordered must consequently be repaid. Repayments totaling approximately \$2.7 million were made to governmental and commercial payors during the period from December 2019 through March 2020.

In December 2019, VUMC was notified by the Internal Revenue Service ("IRS") of its intention to conduct an examination of the VUMC 403b Retirement Plan for the year ending December 31, 2017. During that examination, VUMC identified certain concerns relating to the calculation of the employer match provided under the Plan, which was implemented by VUMC in April 2016. VUMC is evaluating options to resolve these concerns; if they are not resolved favorably, correction of the concerns could be required by the IRS. VUMC has established a liability reserve relating to the potential cost to correct such issues.

Through the operation of its compliance program, VUMC from time to time initiates the review of billing for clinical services provided by VUMC and its affiliated providers. VUMC has established a liability reserve relating to certain matters under review as of June 30, 2020, which is not material to VUMC's overall financial position.

- **Regulations.** VUMC's compliance with regulations and laws is subject to future government reviews and interpretations, as well as regulatory actions unknown at this time. VUMC believes that the liability, if any, from such reviews will not have a significant effect on VUMC's consolidated financial position.

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- **Medical Malpractice Self-Insurance.** The consolidated balance sheets include reserves for medical malpractice, professional, and general liability coverage totaling \$60.3 million as of June 30, 2020, and \$56.3 million as of June 30, 2019. These liabilities are measured at the net present value of those cash flows using a discount rate of 2.5% at both dates and are classified as current or noncurrent based on the expected timing of cash flows. Other current assets include expected recoveries from commercial insurance carriers under excess coverage arrangements totaling \$2.7 million as of June 30, 2020, and \$3.3 million as of June 30, 2019. During Fiscal 2020 and 2019, VUMC recorded expenses for medical malpractice self-insurance of \$26.0 million and \$23.5 million, respectively.
- **Employee Health and Workers' Compensation Insurance.** Accrued compensation and benefits included actuarially determined liabilities for employee health and workers' compensation claims totaling \$16.9 million and \$6.1 million, respectively, as of June 30, 2020, and \$17.3 million and \$6.6 million, respectively, as of June 30, 2019. During Fiscal 2020 and 2019, VUMC recorded expenses for self-insured employee health benefit plans, net of employee premiums, totaling \$181.5 million and \$177.2 million, respectively. During Fiscal 2020 and 2019, VUMC recorded expenses for self-insured workers' compensation plans of \$2.9 million and \$2.8 million, respectively.
- **Federal and State Contracts and Other Requirements.** Expenditures related to federal and state grants and contracts are subject to adjustment based upon review by the granting agencies. Amounts of expenditures that granting agencies might disallow cannot be determined at this time. These amounts affect government grants and contracts revenue, as well as facilities and administrative costs recovery. VUMC does not expect these costs to impact the consolidated financial position by material amounts.
- **Health Care Services.** In Fiscal 2020 and 2019, 83% and 85%, respectively, of VUMC's operating revenue was generated by providing health care services, where revenue is affected by reimbursement arrangements with federal and state healthcare programs, commercial insurance, and other managed care payors. If reimbursement rates from third-party payors decrease or if contract terms become less favorable in future periods, VUMC's operating revenues may decline. See Note 4 Patient Service Revenue, Patient Accounts Receivable, and Estimated Third-Party Settlements, for further information regarding healthcare revenues and related receivables.
- **HIPAA Compliance.** Under the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), the federal government has authority to complete fraud and abuse investigations. HIPAA has established substantial fines and penalties for offenders. VUMC maintains policies, procedures, and organizational structures to enforce and monitor compliance with HIPAA, as well as other applicable local, state, and federal statutes and regulations.
- **Construction.** VUMC had contractual commitments under major construction and equipment contracts totaling \$90.2 million and \$113.7 million as of June 30, 2020 and 2019, respectively.
- **Letter of Credit.** As a requirement of the assignment of the 100 Oaks Lease described in Note 13 Leases, VUMC provided an irrevocable standby letter of credit of \$25.0 million to the landlord of the property dated June 10, 2016.

**19. Other Events**

*COVID-19*

In January of Fiscal 2020, the Secretary of the U.S. Department of Health and Human Services ("HHS") declared a national public emergency due to a novel strain of coronavirus. During March of this fiscal year, the World Health Organization designated the outbreak of this coronavirus, known as COVID-19, as a global pandemic. This global health crisis has impacted many facets of our business. Patient volumes and the related revenue for most services were significantly lower in the fourth quarter of Fiscal 2020 as various policies were implemented by federal, state and local governments in response, including stay-at-home orders issued by the Governor of Tennessee and Mayor of Nashville resulting in business closures, social distancing and suspension of elective and nonemergent procedures. Potential changes in payor mix were evaluated to determine impact on collectability estimates and ultimately the recognition of revenue. VUMC experienced supply chain disruptions, including price increases in medical supplies, particularly personal protective equipment. The pandemic also created significant volatility in the U.S. and global financial markets that impacted VUMC's investment portfolios. Through June 30, 2020, volumes rebounded from the mid-March through mid-May periods with many metrics approaching pre-COVID-19 levels, as certain of these policies, such as stay-at-home orders and suspension of elective and nonemergent procedures were lifted. Due to the evolving nature of the COVID-19 pandemic, despite these positive indicators, the ultimate impact to VUMC and its financial condition is presently unknown.

Sources of pandemic relief include the federal stimulus package known as The Coronavirus Aid, Relief, and Economic Security ("CARES") Act, which was signed into law on March 27, 2020. The Act provides an estimated \$2.2 trillion to fight the COVID-19 pandemic, stimulate the U.S. economy and provide emergency assistance to affected individuals and businesses, including hospitals and other healthcare providers. The CARES Act includes a number of provisions important to our industry, including \$100.0 billion under the Public Health and Social Services Emergency Fund ("Provider Relief Fund") to reimburse eligible health care providers for health care-related expenses or lost revenues not otherwise reimbursed that are directly attributable to COVID-19. These provider relief funds included \$50 billion distributed to providers based on their share of the Medicare fee-for-service reimbursement ("General Distributions"). Also included was funding for certain targeted distributions ("Targeted Distributions") to qualifying providers (primarily rural and high impact areas). As of June 30, 2020, VUMC has recognized approximately \$83.3 million in General Distributions and \$35.7 million in Targeted Distributions, for a total of \$119.0 million, under the Provider Relief Fund of the CARES Act. These amounts are presented in Other operating revenue in our consolidated statement of operations.

In addition, the CARES Act provides for an expansion of the Medicare Accelerated and Advance Payment Program whereby inpatient acute care hospitals and other eligible providers may request accelerated payment of up to 100% of their Medicare payment amount for a six-month period to be repaid through withholding of future Medicare fee-for-service payments beginning 120 days after receipt. During Fiscal 2020, VUMC received advance payments from Medicare of \$222.4 million, which has been recorded as a current liability on our consolidated balance sheet.

On October 1, 2020, a continuing resolution for the Medicare Accelerated and Advance Payment Program was signed (the Resolution), updating key provisions of the program. Under the revised terms of the program, health care providers will have one year before the Centers for Medicare and Medicaid Services (CMS) begins to recoup these advance payments by offsetting them against newly submitted claims. Additionally, once the recoupment period begins, for the first 11 months,

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only 25% of the claims amount will be withheld, and for the following 6 months, only 50% of the claims amount will be withheld. In total, a provider will have 29 months from the first payment to repay these advances. After the repayment period expires, the remaining balance will be subject to interest. The interest rate, which was previously 10.25%, has been reduced to 4%. VUMC is still assessing the impact the Resolution will have on the consolidated financial statements, if any.

The CARES Act also allows for deferred payment of the employer portion of certain payroll taxes between March 27, 2020 and December 31, 2020, with 50% due December 31, 2021 and the remaining 50% due December 31, 2022. VUMC began deferring these payroll tax payments during the fourth quarter of Fiscal 2020. As of June 30, 2020, VUMC had deferred payroll tax payments of approximately \$27.6 million, which are included in Other noncurrent liabilities in the consolidated balance sheet.

Through the Paycheck Protection Program and Health Care Enhancement Act (the “PPHCE Act”), which was enacted on April 24, 2020, we recognized an additional \$11.4 million as a payroll retention credit in Other operating revenue.

To provide more liquidity during the global health crisis, we drew on our \$100.0 million existing line of credit and executed the \$300.0 million Series 2020A Loan. We also executed three additional lines of credit totaling \$150.0 million out of an abundance of caution. As of June 30, 2020, no amounts have been drawn on the new lines of credit. These agreements were discussed further in Note 11 Long-Term Debt.

Subsequent to June 30, 2020 and through the date this report was issued, VUMC has received an additional \$9.5 million in Targeted Distributions.

#### *Acquisition of VWCH*

Effective August 1, 2019, VUMC acquired a two-campus hospital facility licensed for 245 beds from Community Health Systems, Inc. (“CHS”): Tennova Healthcare – Lebanon, now known as Vanderbilt Wilson County Hospital (“VWCH”) for total consideration of \$19.3 million. VUMC’s acquisition included not only the two-campus hospital facilities, but also related physician clinic operations and outpatient services that now bear the Vanderbilt name including: Vanderbilt Surgery Center, Vanderbilt Sleep Disorders Center, Vanderbilt Primary Care, Vanderbilt Primary Care Walk-In, and Vanderbilt Gastroenterology. VWCH is staffed by more than 200 community physicians and employs approximately 600 administrators, nurses, and support personnel. After the acquisition, VUMC retained substantially all employees of the hospital’s previous owner.

The following table summarizes the fair value of net assets acquired:

*(\$ in thousands)*

|                                             |    |               |
|---------------------------------------------|----|---------------|
| Inventories                                 | \$ | 2,966         |
| Other current assets                        |    | 865           |
| Property, plant, and equipment, net         |    | 15,780        |
| Accounts payable and other accrued expenses |    | (359)         |
| Total invested capital                      | \$ | <u>19,252</u> |

**Vanderbilt University Medical Center**  
**Notes to Consolidated Financial Statements**  
**June 30, 2020 and 2019**

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**20. Subsequent Events**

On September 19, 2020, the Department of Health and Human Services (HHS) released additional reporting requirements for health care entities that have received either (or both) General and Targeted Distributions from the Provider Relief Fund (PRF). The Post-Payment Notice of Reporting Requirements (the Notice) changes previous reporting requirement guidance issued on July 20, 2020 and amended on August 14, 2020 and could have an impact on how health care entities account for and record PRF payments. HHS intends to issue Frequently Asked Questions to aid in the reporting process. VUMC is still assessing the impact the Notice will have on the consolidated financial statements, if any.

On September 30, 2020, VUMC announced plans to purchase two hospitals from subsidiaries of CHS. The two hospitals (Tennova Healthcare-Shelbyville and Tennova Healthcare-Harton) have a total of 195 beds. A definitive agreement has been executed for the sale of the facilities and related businesses, including physician clinic operations and other outpatient services. VUMC also announced plans to acquire a minority ownership interest in CHS's Tennova Healthcare-Clarksville hospital, a 270-bed facility, from CHS's existing minority partner, GHS Holdings, LLC, a wholly-owned subsidiary of Clarksville Volunteer Health, Inc., a non-profit corporation based in Clarksville, TN. The definitive agreement provides for VUMC to acquire GHS Holdings' 20% ownership interest in Tennova Healthcare-Clarksville and related physician practices.

Management evaluated events after June 30, 2020 through October 13, 2020, the date on which the consolidated financial statements were issued. During this period, other than discussed previously, there were no subsequent events requiring recognition or disclosure in the consolidated financial statements that have not been recorded or disclosed.

## Supplementary Information

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                      | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>       | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|-------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| <b>DEPARTMENT OF AGRICULTURE</b>                                  |                                  |                                        |                                                 |                                                                  |                                                |                             |                              |                          |                      |
| AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH                  | 10.001                           | 59-0210-6-004                          | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION | 59-0210-6-004                                                    |                                                | \$27,498                    | \$85,948                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH                  | 10.001                           | 59-0210-6-004                          | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION | 59-0210-6-004                                                    |                                                | \$6,779                     | \$85,948                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH                  | 10.001                           | 59-0210-6-004                          | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION | 59-0210-6-004                                                    |                                                | \$3,195                     | \$85,948                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH                  | 10.001                           | 59-0210-8-184                          | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION | 59-0210-8-184                                                    |                                                | \$47,457                    | \$85,948                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH                  | 10.001                           | 59-0210-8-184                          | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION | 59-0210-8-184                                                    |                                                | \$1,019                     | \$85,948                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)                   | 10.310                           | 2017-68001-26352                       |                                                 |                                                                  | \$155,673                                      | \$400,612                   | \$400,612                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF AGRICULTURE</b>                            |                                  |                                        |                                                 |                                                                  | \$155,673                                      | \$486,560                   |                              |                          |                      |
| <b>DEPARTMENT OF DEFENSE</b>                                      |                                  |                                        |                                                 |                                                                  |                                                |                             |                              |                          |                      |
| COLLABORATIVE RESEARCH AND DEVELOPMENT                            | 12.114                           | W912HQ-16-C-0033                       | UNIVERSITY OF PITTSBURGH                        | W912HQ-16-C-0033                                                 |                                                | \$169,154                   | \$169,154                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION | 12.351                           | HDTRA1-13-1-0034                       |                                                 |                                                                  | -\$837                                         | \$0                         | \$0                          | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-10-2-0133                       |                                                 |                                                                  | \$93,908                                       | \$106,037                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-12-1-0159                       |                                                 |                                                                  | \$34,093                                       | \$34,093                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-1-0259                       |                                                 |                                                                  | \$132,992                                      | \$136,520                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-1-0328                       |                                                 |                                                                  |                                                | \$29,639                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-1-0559                       |                                                 |                                                                  |                                                | \$9,053                     | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-1-0622                       |                                                 |                                                                  |                                                | \$347                       | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-16-1-0605                       |                                                 |                                                                  | \$20,367                                       | \$220,270                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-16-1-0622                       |                                                 |                                                                  |                                                | \$215,798                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-16-2-0061                       |                                                 |                                                                  | \$78,091                                       | \$128,918                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0257                       |                                                 |                                                                  |                                                | \$171,965                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0304                       |                                                 |                                                                  |                                                | \$194,198                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0308                       |                                                 |                                                                  |                                                | \$171,892                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0309                       |                                                 |                                                                  |                                                | \$102,203                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0328                       |                                                 |                                                                  | -\$73                                          | \$24,871                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0345                       |                                                 |                                                                  |                                                | \$33,096                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0442                       |                                                 |                                                                  |                                                | \$418,404                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-1-0503                       |                                                 |                                                                  |                                                | \$468,875                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-2-0003                       |                                                 |                                                                  | \$41,569                                       | \$249,098                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-17-2-0055                       |                                                 |                                                                  | \$79,617                                       | \$494,298                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0029                       |                                                 |                                                                  |                                                | \$325,406                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0149                       |                                                 |                                                                  |                                                | \$648,555                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0301                       |                                                 |                                                                  | \$18,180                                       | \$262,465                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0536                       |                                                 |                                                                  | \$18,806                                       | \$150,926                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0683                       |                                                 |                                                                  |                                                | \$258,387                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0719                       |                                                 |                                                                  |                                                | -\$21                       | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0810                       |                                                 |                                                                  | \$203,823                                      | \$410,817                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-18-1-0814                       |                                                 |                                                                  | \$25,422                                       | \$248,091                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0090                       |                                                 |                                                                  |                                                | \$97,992                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0415                       |                                                 |                                                                  |                                                | \$182,053                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0446                       |                                                 |                                                                  |                                                | \$145,897                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0580                       |                                                 |                                                                  |                                                | \$70,532                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0640                       |                                                 |                                                                  | \$58,898                                       | \$112,332                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0782                       |                                                 |                                                                  |                                                | \$97,400                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-19-1-0812                       |                                                 |                                                                  |                                                | \$193,725                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-20-1-0269                       |                                                 |                                                                  |                                                | \$19,945                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-10-2-0090                       | JOHNS HOPKINS UNIVERSITY                        | W81XWH-10-2-0090                                                 | \$25,290                                       | \$8,431,018                 | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-1-0023                       | UNIVERSITY OF TENNESSEE                         | W81XWH-15-1-0023                                                 | \$46,612                                       | \$8,431,018                 | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-2-0046                       | DUKE UNIVERSITY                                 | W81XWH-15-2-0046                                                 | \$9,619                                        | \$8,431,018                 | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                         | 12.420                           | W81XWH-15-2-0068                       | VANDERBILT UNIVERSITY                           | W81XWH-15-2-0068                                                 | \$36,958                                       | \$8,431,018                 | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                 | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                     | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|--------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-15-2-0068                       | VANDERBILT UNIVERSITY                                         | W81XWH-15-2-0068                                                 |                                                | \$24,732                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-15-2-0074                       | JOHNS HOPKINS UNIVERSITY                                      | W81XWH-15-2-0074                                                 |                                                | \$79                        | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-1-0063                       | VANDERBILT UNIVERSITY                                         | W81XWH-16-1-0063                                                 |                                                | -\$400                      | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-1-0559                       | VANDERBILT UNIVERSITY                                         | W81XWH-16-1-0559                                                 |                                                | \$3,334                     | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-2-0003                       | FLORIDA STATE                                                 | W81XWH-16-2-0003                                                 |                                                | \$196,871                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-2-0052                       | VANDERBILT UNIVERSITY                                         | W81XWH-16-2-0052                                                 |                                                | \$12,385                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-2-0060                       | JOHNS HOPKINS UNIVERSITY                                      | W81XWH-16-2-0060                                                 |                                                | \$359,682                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-D-0024                       | UNIVERSITY OF PITTSBURGH                                      | W81XWH-16-D-0024                                                 |                                                | \$73,295                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-16-D-0024                       | UNIVERSITY OF PITTSBURGH                                      | W81XWH-16-D-0024                                                 |                                                | \$39,023                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-17-1-0597                       | UNIVERSITY OF COLORADO                                        | W81XWH-17-1-0597                                                 |                                                | \$9,904                     | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-17-1-0610                       | UNIVERSITY OF PITTSBURGH                                      | W81XWH-17-1-0610                                                 |                                                | \$415,058                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
|                                                              |                                  |                                        | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO                     |                                                                  |                                                |                             |                              |                          |                      |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-17-1-0631                       | FRANCISCO                                                     | W81XWH-17-1-0631                                                 |                                                | \$190,851                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-17-1-0702                       | UNIVERSITY OF MARYLAND                                        | W81XWH-17-1-0702                                                 |                                                | \$26,146                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-18-1-0234                       | VANDERBILT UNIVERSITY                                         | W81XWH-18-1-0234                                                 |                                                | \$53,921                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-18-1-0412                       | VANDERBILT UNIVERSITY                                         | W81XWH-18-1-0412                                                 |                                                | \$13,804                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-18-1-0719                       | NATIONAL JEWISH HEALTH                                        | W81XWH-18-1-0719                                                 |                                                | \$9,039                     | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-18-1-0790                       | UNIVERSITY OF ROCHESTER                                       | W81XWH-18-1-0790                                                 |                                                | \$113,226                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-18-1-0790                       | UNIVERSITY OF ROCHESTER                                       | W81XWH-18-1-0790                                                 |                                                | \$325,907                   | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-19-1-0405                       | IDBIOLOGICS, LLC                                              | W81XWH-19-1-0405                                                 |                                                | \$11,781                    | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MILITARY MEDICAL RESEARCH AND DEVELOPMENT                    | 12.420                           | W81XWH-12-1-0159                       |                                                               |                                                                  |                                                | -\$176                      | \$8,431,018                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| BASIC SCIENTIFIC RESEARCH                                    | 12.431                           | W911NF-14-2-0022                       | VANDERBILT UNIVERSITY                                         | W911NF-14-2-0022                                                 |                                                | \$191,985                   | \$191,985                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| UNIFORMED SERVICES UNIVERSITY MEDICAL RESEARCH PROJECTS      | 12.750                           | HU0001-17-2-0023                       | HENRY M. JACKSON FOUNDATION                                   | HU0001-17-2-0023                                                 |                                                | \$8,783                     | \$8,783                      | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM                  | 12.800                           | FA8650-16-2-6G02                       | UNIVERSITY OF CINCINNATI                                      | FA8650-16-2-6G02                                                 |                                                | \$41,494                    | \$41,494                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TECHNOLOGY DEVELOPMENT                          | 12.910                           | HR0011-18-2-0001                       |                                                               |                                                                  | \$2,051,080                                    | \$2,819,491                 | \$4,172,645                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TECHNOLOGY DEVELOPMENT                          | 12.910                           | D17AP00023                             | UNIVERSITY OF TENNESSEE                                       | D17AP00023                                                       |                                                | \$2,812                     | \$4,172,645                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TECHNOLOGY DEVELOPMENT                          | 12.910                           | HR0011-17-2-0023                       | INSTITUT PASTEUR                                              | HR0011-17-2-0023                                                 |                                                | \$2,608                     | \$4,172,645                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 RESEARCH AND TECHNOLOGY DEVELOPMENT                 | 12.910                           | COVID-19 HR0011-18-2-0001              |                                                               |                                                                  |                                                | \$1,347,734                 | \$4,172,645                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| W81XWH-17-C-0252                                             | 12.RD                            | W81XWH-17-C-0252                       |                                                               |                                                                  | \$236,369                                      | \$525,452                   | \$525,452                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF DEFENSE</b>                           |                                  |                                        |                                                               |                                                                  | \$3,092,305                                    | \$13,540,531                |                              |                          |                      |
| <b>DEPARTMENT OF JUSTICE</b>                                 |                                  |                                        |                                                               |                                                                  |                                                |                             |                              |                          |                      |
| CRIME VICTIM ASSISTANCE                                      | 16.575                           | 63811:ST TN                            | TN DEPARTMENT OF CHILDREN'S SERVICES                          | 63811:ST TN                                                      |                                                | \$169,371                   | \$169,371                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HAROLD ROGERS PRESCRIPTION DRUG MONITORING PROGRAM           | 16.754                           | 64793:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 64793:ST TN                                                      |                                                | \$55,697                    | \$55,697                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
|                                                              |                                  |                                        | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES |                                                                  |                                                |                             |                              |                          |                      |
| COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM                | 16.838                           | 65987:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 65987:ST TN                                                      |                                                | \$3,170                     | \$5,398                      | RESEARCH AND DEVELOPMENT | \$357,858,137        |
|                                                              |                                  |                                        | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES |                                                                  |                                                |                             |                              |                          |                      |
| COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM                | 16.838                           | 66183:ST TN                            |                                                               | 66183:ST TN                                                      |                                                | \$2,228                     | \$5,398                      | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 15JC1V19P00000597                                            | 16.RD                            | 15JC1V19P00000597                      |                                                               |                                                                  |                                                | \$165,984                   | \$165,984                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF JUSTICE</b>                           |                                  |                                        |                                                               |                                                                  |                                                | \$396,450                   |                              |                          |                      |
| <b>DEPARTMENT OF TREASURY</b>                                |                                  |                                        |                                                               |                                                                  |                                                |                             |                              |                          |                      |
| COVID-19 CORONAVIRUS RELIEF FUND                             | 21.019                           | COVID-19 TN COMMUNITY CARES PROGRAM    | UNITED WAY OF GREATER NASHVILLE                               | TN COMMUNITY CARES PROGRAM                                       |                                                | \$483,312                   | \$483,312                    | N/A                      | \$0                  |
| <b>TOTAL DEPARTMENT OF TREASURY</b>                          |                                  |                                        |                                                               |                                                                  |                                                | \$483,312                   |                              |                          |                      |
| <b>NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b>       |                                  |                                        |                                                               |                                                                  |                                                |                             |                              |                          |                      |
| EXPLORATION                                                  | 43.003                           | 80NCCS19M0161                          | NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS     | 80NCCS19M0161                                                    |                                                | \$87,284                    | \$87,284                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b> |                                  |                                        |                                                               |                                                                  |                                                | \$87,284                    |                              |                          |                      |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                                                      | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                 | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>              | <i>Cluster Total</i> |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|----------------------------------|----------------------|
| <b>INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES</b>       |                                  |                                        |                                                           |                                                                  |                                                |                             |                              |                                  |                      |
| PROMOTION OF THE ARTS_ GRANTS TO ORGANIZATIONS AND INDIVIDUALS                                                                    | 45.024                           | 1884433-38-C-18                        |                                                           |                                                                  |                                                | \$62,225                    | \$62,225                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| <b>TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES</b> |                                  |                                        |                                                           |                                                                  |                                                | \$62,225                    |                              |                                  |                      |
| <b>NATIONAL SCIENCE FOUNDATION</b>                                                                                                |                                  |                                        |                                                           |                                                                  |                                                |                             |                              |                                  |                      |
| ENGINEERING                                                                                                                       | 47.041                           | IIP-1912903                            |                                                           |                                                                  |                                                | \$5,267                     | \$8,899                      | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| ENGINEERING                                                                                                                       | 47.041                           | CBET-1605200                           | VANDERBILT UNIVERSITY                                     | CBET-1605200                                                     |                                                | \$1,084                     | \$8,899                      | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| ENGINEERING                                                                                                                       | 47.041                           | CBET-1705714                           | VANDERBILT UNIVERSITY                                     | CBET-1705714                                                     |                                                | \$2,548                     | \$8,899                      | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| COMPUTER AND INFORMATION SCIENCE AND ENGINEERING                                                                                  | 47.070                           | NSF CNS-1757644                        |                                                           |                                                                  |                                                | \$19,021                    | \$85,499                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| COMPUTER AND INFORMATION SCIENCE AND ENGINEERING                                                                                  | 47.070                           | NSF IIS-1418504                        |                                                           |                                                                  |                                                | \$66,478                    | \$85,499                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| BIOLOGICAL SCIENCES                                                                                                               | 47.074                           | NSF IOS-1557634                        |                                                           |                                                                  |                                                | \$89,427                    | \$205,854                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| BIOLOGICAL SCIENCES                                                                                                               | 47.074                           | 1814520                                | UNIVERSITY OF TENNESSEE                                   | 1814520                                                          |                                                | \$107,573                   | \$205,854                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| BIOLOGICAL SCIENCES                                                                                                               | 47.074                           | 1845634                                | UNIVERSITY OF MASSACHUSETTS                               | 1845634                                                          |                                                | \$8,854                     | \$205,854                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES                                                                                         | 47.075                           | 1840896                                | VANDERBILT UNIVERSITY                                     | 1840896                                                          |                                                | \$19,245                    | \$19,245                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| EDUCATION AND HUMAN RESOURCES                                                                                                     | 47.076                           | NSF DUE-1926794                        |                                                           |                                                                  |                                                | \$38,293                    | \$38,293                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING                                                                                   | 47.079                           | OISE-19-66185-1                        | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION           | OISE-19-66185-1                                                  |                                                | \$3,059                     | \$29,053                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING                                                                                   | 47.079                           | OISE-9531011                           | US CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION           | OISE-9531011                                                     |                                                | \$25,994                    | \$29,053                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| INTEGRATIVE ACTIVITIES                                                                                                            | 47.083                           | 1936970                                | VANDERBILT UNIVERSITY                                     | 1936970                                                          |                                                | \$89,879                    | \$89,879                     | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| <b>TOTAL NATIONAL SCIENCE FOUNDATION</b>                                                                                          |                                  |                                        |                                                           |                                                                  |                                                | \$476,722                   |                              |                                  |                      |
| <b>ENVIRONMENTAL PROTECTION AGENCY</b>                                                                                            |                                  |                                        |                                                           |                                                                  |                                                |                             |                              |                                  |                      |
| SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM                                                                                | 66.509                           | RD-83950101-0                          |                                                           |                                                                  | \$39,465                                       | \$188,454                   | \$245,648                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM                                                                                | 66.509                           | 83573601                               | VANDERBILT UNIVERSITY                                     | 83573601                                                         |                                                | \$31,483                    | \$245,648                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM                                                                                | 66.509                           | 83927501                               | MEHARRY MEDICAL COLLEGE                                   | 83927501                                                         |                                                | \$16,964                    | \$245,648                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM                                                                                | 66.509                           | 83927501                               | MEHARRY MEDICAL COLLEGE                                   | 83927501                                                         |                                                | \$8,747                     | \$245,648                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| <b>TOTAL ENVIRONMENTAL PROTECTION AGENCY</b>                                                                                      |                                  |                                        |                                                           |                                                                  |                                                | \$39,465                    | \$245,648                    |                                  |                      |
| <b>DEPARTMENT OF ENERGY</b>                                                                                                       |                                  |                                        |                                                           |                                                                  |                                                |                             |                              |                                  |                      |
| EPIDEMIOLOGY AND OTHER HEALTH STUDIES FINANCIAL ASSISTANCE PROGRAM                                                                | 81.108                           | DE-AU000042                            | NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS | DE-AU000042                                                      |                                                | \$1,177                     | \$1,177                      | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION                                                                            | 81.121                           | DE-NE0008664                           | VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY       | DE-NE0008664                                                     |                                                | \$168,398                   | \$168,398                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF ENERGY</b>                                                                                                 |                                  |                                        |                                                           |                                                                  |                                                | \$169,575                   |                              |                                  |                      |
| <b>DEPARTMENT OF EDUCATION</b>                                                                                                    |                                  |                                        |                                                           |                                                                  |                                                |                             |                              |                                  |                      |
| SPECIAL EDUCATION_ GRANTS TO STATES                                                                                               | 84.027                           | 33136-00718                            | VANDERBILT UNIVERSITY                                     | 33136-00718                                                      |                                                | \$4,545                     | \$2,963,001                  | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| SPECIAL EDUCATION_ GRANTS TO STATES                                                                                               | 84.027                           | 45026:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 45026:ST TN                                                      |                                                | \$331,754                   | \$2,963,001                  | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| SPECIAL EDUCATION_ GRANTS TO STATES                                                                                               | 84.027                           | 45237:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 45237:ST TN                                                      | \$111,266                                      | \$2,568,587                 | \$2,963,001                  | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| SPECIAL EDUCATION_ GRANTS TO STATES                                                                                               | 84.027                           | H027A140052-14A                        | VANDERBILT UNIVERSITY                                     | H027A140052-14A                                                  |                                                | \$58,115                    | \$2,963,001                  | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| REHABILITATION SERVICES_ VOCATIONAL REHABILITATION GRANTS TO STATES                                                               | 84.126                           | 34570-91018                            | VANDERBILT UNIVERSITY                                     | 34570-91018                                                      |                                                | \$36,040                    | \$36,040                     | N/A                              | \$0                  |
| SPECIAL EDUCATION_ PRESCHOOL GRANTS                                                                                               | 84.173                           | 49454:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 49454:ST TN                                                      |                                                | \$3,906                     | \$208,869                    | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| SPECIAL EDUCATION_ PRESCHOOL GRANTS                                                                                               | 84.173                           | 49454:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 49454:ST TN                                                      |                                                | \$204,963                   | \$208,869                    | SPECIAL EDUCATION CLUSTER (IDEA) | \$3,171,870          |
| SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES                                                                                 | 84.181                           | 49965:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 49965:ST TN                                                      |                                                | \$11                        | \$954,789                    | N/A                              | \$0                  |
| SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES                                                                                 | 84.181                           | 54078:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 54078:ST TN                                                      |                                                | -\$430                      | \$954,789                    | N/A                              | \$0                  |
| SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES                                                                                 | 84.181                           | 62363:ST TN                            | TN DEPARTMENT OF EDUCATION                                | 62363:ST TN                                                      |                                                | \$955,208                   | \$954,789                    | N/A                              | \$0                  |
| RESEARCH IN SPECIAL EDUCATION                                                                                                     | 84.324                           | R324 A160300                           |                                                           |                                                                  | \$46,500                                       | \$315,508                   | \$416,231                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| RESEARCH IN SPECIAL EDUCATION                                                                                                     | 84.324                           | R324 A180171-19                        | VANDERBILT UNIVERSITY                                     | R324 A180171-19                                                  |                                                | \$100,723                   | \$416,231                    | RESEARCH AND DEVELOPMENT         | \$357,858,137        |
| SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES                          | 84.325                           | H325 K160371                           |                                                           |                                                                  |                                                | \$7,120                     | \$389,993                    | N/A                              | \$0                  |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                                               | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES                   | 84.325                           | H325 K190046                           |                                           |                                                                  |                                                | \$118,590                   | \$389,993                    | N/A                      | \$0                  |
| SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES                   | 84.325                           | H325 K190064                           |                                           |                                                                  |                                                | \$140,211                   | \$389,993                    | N/A                      | \$0                  |
| SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES                   | 84.325                           | H325 K190068                           |                                           |                                                                  |                                                | \$124,072                   | \$389,993                    | N/A                      | \$0                  |
| SPECIAL EDUCATION _TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES   | 84.326                           | H326 T150002                           |                                           |                                                                  |                                                | -\$12,863                   | \$224,867                    | N/A                      | \$0                  |
| SPECIAL EDUCATION _TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES   | 84.326                           | H326 T180048                           |                                           |                                                                  |                                                | \$237,730                   | \$224,867                    | N/A                      | \$0                  |
| TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION                                      | 84.407                           | P407A150058-19                         | VANDERBILT UNIVERSITY                     | P407A150058-19                                                   |                                                | \$21,911                    | \$21,911                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF EDUCATION</b>                                                                                       |                                  |                                        |                                           |                                                                  | \$157,766                                      | \$5,215,701                 |                              |                          |                      |
| <b>DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>                                                                             |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                          |                      |
| GLOBAL AIDS                                                                                                                | 93.067                           | 5 NU2 GGH001943-04-00                  |                                           |                                                                  | \$225,786                                      | \$13,934,651                | \$23,253,711                 | N/A                      | \$0                  |
| COVID-19 GLOBAL AIDS                                                                                                       | 93.067                           | COVID-19 5 NU2 GGH001943-04-00         |                                           |                                                                  |                                                | \$1,562                     | \$23,253,711                 | N/A                      | \$0                  |
| GLOBAL AIDS                                                                                                                | 93.067                           | 6 NU2 GGH001943-03-10                  |                                           |                                                                  | \$305,774                                      | \$9,317,498                 | \$23,253,711                 | N/A                      | \$0                  |
| BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE                                                 | 93.073                           | 5 NU53 DD000001-03-03                  |                                           |                                                                  |                                                | \$1,740                     | \$1,740                      | N/A                      | \$0                  |
| HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS         | 93.074                           | 54788-ST TN                            | TN DEPARTMENT OF HEALTH                   | 54788-ST TN                                                      |                                                | \$246,516                   | \$246,516                    | N/A                      | \$0                  |
| BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH                                                             | 93.080                           | 1 NU58 DD000010-01-00                  | UNIVERSITY OF TENNESSEE                   | 1 NU58 DD000010-01-00                                            |                                                | \$8,779                     | \$29,184                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH                                                             | 93.080                           | 6 NU27 DD001155-04-02                  | UNIVERSITY OF NORTH CAROLINA              | 6 NU27 DD001155-04-02                                            |                                                | \$5,190                     | \$29,184                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH                                                             | 93.080                           | 6 NU27 DD001155-05-02                  | UNIVERSITY OF NORTH CAROLINA              | 6 NU27 DD001155-05-02                                            |                                                | \$15,215                    | \$29,184                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PREVENTION OF DISEASE, DISABILITY, AND DEATH THROUGH IMMUNIZATION AND CONTROL OF RESPIRATORY AND RELATED DISEASES          | 93.083                           | 5 U01 IP000979-05                      |                                           |                                                                  | \$6,437                                        | \$30,100                    | \$775,833                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PREVENTION OF DISEASE, DISABILITY, AND DEATH THROUGH IMMUNIZATION AND CONTROL OF RESPIRATORY AND RELATED DISEASES          | 93.083                           | 5 U01 IP000979-06                      |                                           |                                                                  | \$44,132                                       | \$742,397                   | \$775,833                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 PREVENTION OF DISEASE, DISABILITY, AND DEATH THROUGH IMMUNIZATION AND CONTROL OF RESPIRATORY AND RELATED DISEASES | 93.083                           | COVID-19 5 U01 IP000979-06             |                                           |                                                                  |                                                | \$3,336                     | \$775,833                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES                                                        | 93.084                           | 1 U01 CK000512-01                      | UNIVERSITY OF TEXAS                       | 1 U01 CK000512-01                                                |                                                | \$8,492                     | \$8,492                      | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 1 R01 FD006649-01                      |                                           |                                                                  | \$24,263                                       | \$145,751                   | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 R01 FD004778-04                      |                                           |                                                                  | \$46,732                                       | \$46,732                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 R01 FD004778-05                      |                                           |                                                                  |                                                | \$219,770                   | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 7 R01 FD004117-05                      |                                           |                                                                  | -\$3,470                                       | -\$3,470                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U01 FD006292-02                      | DUKE UNIVERSITY                           | 5 U01 FD006292-02                                                |                                                | \$12,391                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U01 FD006292-03                      | DUKE UNIVERSITY                           | 5 U01 FD006292-03                                                |                                                | \$55,468                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U01 FD006292-03                      | MEDICAL DEVICE INNOVATION CONSORTIUM      | 5 U01 FD006292-03                                                | \$108,511                                      | \$204,333                   | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U01 FD006292-03                      | MEDICAL DEVICE INNOVATION CONSORTIUM      | 5 U01 FD006292-03                                                |                                                | \$133,839                   | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U01 FD006292-03                      | WAKE FOREST UNIVERSITY                    | 5 U01 FD006292-03                                                |                                                | \$2,967                     | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 U02 FD006292-03                      | MEDICAL DEVICE INNOVATION CONSORTIUM      | 5 U02 FD006292-03                                                |                                                | \$71,915                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400020I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400020I                                                |                                                | \$16,393                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400030I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400030I                                                |                                                | \$49,022                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400030I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400030I                                                |                                                | \$2,384                     | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400030I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400030I                                                |                                                | \$1,058                     | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400042I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400042I                                                |                                                | \$44,832                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201400042I                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201400042I                                                |                                                | \$5,726                     | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201610046C                      | UNIVERSITY OF COLORADO                    | HHSF223201610046C                                                |                                                | \$231                       | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | HHSF223201710132C                      | HARVARD PILGRIM HEALTH CARE               | HHSF223201710132C                                                |                                                | \$48,023                    | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOOD AND DRUG ADMINISTRATION_ RESEARCH                                                                                     | 93.103                           | 5 R01 FD004778-04                      |                                           |                                                                  |                                                | -\$33,274                   | \$1,024,091                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                                                                 | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                            | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED) | 93.104                    | 60896:ST TN                     | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 60896:ST TN                                               |                                         | \$44,020             | \$197,591             | N/A                      | \$0           |
| COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED) | 93.104                    | 60896:ST TN                     | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 60896:ST TN                                               |                                         | \$153,571            | \$197,591             | N/A                      | \$0           |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 5 H30 MC24046-04-00             | HEMPHILIA OF GEORGIA, INC.                                    | 5 H30 MC24046-04-00                                       |                                         | \$3,307,105          | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 5 H30 MC24046-08-00             | HEMPHILIA OF GEORGIA, INC.                                    | 5 H30 MC24046-08-00                                       |                                         | \$15,049             | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 5 UA3 MC11054-11-00             | MASSACHUSETTS GENERAL HOSPITAL                                | 5 UA3 MC11054-11-00                                       |                                         | \$73,973             | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 6 UA3 MC11054-10-00             | MASSACHUSETTS GENERAL HOSPITAL                                | 6 UA3 MC11054-10-00                                       |                                         | \$5,262              | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 6 UA3 MC11054-10-00             | MASSACHUSETTS GENERAL HOSPITAL                                | 6 UA3 MC11054-10-00                                       |                                         | \$37,961             | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 6 UA3 MC11054-11-00             | MASSACHUSETTS GENERAL HOSPITAL                                | 6 UA3 MC11054-11-00                                       |                                         | \$19,649             | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 1 H6M MC033236-01-00            |                                                               |                                                           |                                         | \$145,628            | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 5 T73 MC030767-04-00            |                                                               |                                                           | \$211,462                               | \$783,215            | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS                                               | 93.110                    | 7 T73 MC030767-03-01            |                                                               |                                                           |                                         | \$8,100              | \$4,395,942           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 1 R01 ES031401-01               |                                                               |                                                           | \$20,170                                | \$92,777             | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 2 R01 ES010563-17               | PURDUE UNIVERSITY                                             | 2 R01 ES010563-17                                         |                                         | \$59,121             | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 5 R01 ES007331-24               | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY     | 5 R01 ES007331-24                                         |                                         | -\$3,210             | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 5 R01 ES007331-25               | PURDUE UNIVERSITY                                             | 5 R01 ES007331-25                                         |                                         | \$126,572            | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 5 R01 ES027845-03               | COLUMBIA UNIVERSITY                                           | 5 R01 ES027845-03                                         |                                         | \$21,348             | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ENVIRONMENTAL HEALTH                                                                                  | 93.113                    | 7 R01 ES016931-12               | PURDUE UNIVERSITY                                             | 7 R01 ES016931-12                                         |                                         | \$47,415             | \$344,023             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ORAL DISEASES AND DISORDERS RESEARCH                                                                  | 93.121                    | 1 R01 DE027749-01               |                                                               |                                                           | \$93,599                                | \$620,516            | \$929,993             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ORAL DISEASES AND DISORDERS RESEARCH                                                                  | 93.121                    | 1 R01 DE029650-01               |                                                               |                                                           |                                         | \$14,537             | \$929,993             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ORAL DISEASES AND DISORDERS RESEARCH                                                                  | 93.121                    | 1 R21 DE029002-01               |                                                               |                                                           |                                         | \$154,093            | \$929,993             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ORAL DISEASES AND DISORDERS RESEARCH                                                                  | 93.121                    | 5 K23 DE028010-02               |                                                               |                                                           |                                         | \$124,850            | \$929,993             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ORAL DISEASES AND DISORDERS RESEARCH                                                                  | 93.121                    | 1 R03 DE027494-01               | UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON          | 1 R03 DE027494-01                                         |                                         | \$15,997             | \$929,993             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| EMERGENCY MEDICAL SERVICES FOR CHILDREN                                                               | 93.127                    | 5 H33 MC31540-03-00             |                                                               |                                                           |                                         | \$104,939            | \$135,580             | N/A                      | \$0           |
| EMERGENCY MEDICAL SERVICES FOR CHILDREN                                                               | 93.127                    | 5 H33 MC31540-04-00             |                                                               |                                                           |                                         | \$30,641             | \$135,580             | N/A                      | \$0           |
| INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS                         | 93.136                    | 1 R01 CE003009-01-00            | UNIVERSITY OF NORTH CAROLINA                                  | 1 R01 CE003009-01-00                                      |                                         | \$20,068             | \$110,301             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS                         | 93.136                    | 34301-29420-ST TN               | TN DEPARTMENT OF HEALTH                                       | 34301-29420-ST TN                                         |                                         | \$90,233             | \$110,301             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM                                           | 93.137                    | 5 CPI MP171157 03 00            | MEHARRY MEDICAL COLLEGE                                       | 5 CPI MP171157 03 00                                      |                                         | \$8,019              | \$21,044              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM                                           | 93.137                    | 5 CPI MP171157 03 00            | MEHARRY MEDICAL COLLEGE                                       | 5 CPI MP171157 03 00                                      |                                         | \$13,025             | \$21,044              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AIDS EDUCATION AND TRAINING CENTERS                                                                   | 93.145                    | 5 U10 HA30535-03-00             |                                                               |                                                           | \$768,763                               | \$797,590            | \$4,114,443           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AIDS EDUCATION AND TRAINING CENTERS                                                                   | 93.145                    | 6 U10 HA030535-04-07            |                                                               |                                                           | \$2,266,188                             | \$3,313,647          | \$4,114,443           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AIDS EDUCATION AND TRAINING CENTERS                                                                   | 93.145                    | 5 U10 HA028686-04-00            | RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY                   | 5 U10 HA028686-04-00                                      |                                         | \$3,206              | \$4,114,443           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH          | 93.153                    | COVID-19 1 H1X HA37046-01-00    |                                                               |                                                           |                                         | \$5,718              | \$452,863             | N/A                      | \$0           |
| COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH                   | 93.153                    | 5 H12 HA030750-03               |                                                               |                                                           |                                         | \$41,179             | \$452,863             | N/A                      | \$0           |
| COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH                   | 93.153                    | 5 H12 HA030750-04-00            |                                                               |                                                           |                                         | \$405,966            | \$452,863             | N/A                      | \$0           |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 K99 HG010904-01               |                                                               |                                                           |                                         | \$25,938             | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 R01 HG010863-01               |                                                               |                                                           |                                         | \$303,296            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 R21 HG010652-01               |                                                               |                                                           |                                         | \$150,422            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 R35 HG010718-01               |                                                               |                                                           |                                         | \$273,037            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 U01 HG010232-01               |                                                               |                                                           | \$73,266                                | \$88,841             | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 1 U01 HG011166-01               |                                                               |                                                           |                                         | \$24,156             | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 3 R01 HG009694-02S1             |                                                               |                                                           |                                         | -\$450               | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 3 R01 HG009694-03S1             |                                                               |                                                           | \$128,019                               | \$175,199            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 3 U01 HG010232-02S1             |                                                               |                                                           |                                         | \$116,091            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 5 R01 HG006844-09               |                                                               |                                                           | \$202,291                               | \$684,122            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 5 R01 HG009694-03               |                                                               |                                                           | \$485,417                               | \$738,194            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 5 RM1 HG009034-03               |                                                               |                                                           | \$4,162                                 | \$4,162              | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| HUMAN GENOME RESEARCH                                                                                 | 93.172                    | 5 RM1 HG009034-04               |                                                               |                                                           | \$346,319                               | \$996,063            | \$7,666,830           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>             | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 T32 HG008341-03                      |                                           |                                                                  |                                                | \$4,978                     | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 T32 HG008341-04                      |                                           |                                                                  |                                                | \$240,660                   | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 U01 HG007253-04                      |                                           |                                                                  | \$205,653                                      | \$314,772                   | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 U01 HG008672-04                      |                                           |                                                                  | \$268,521                                      | \$995,055                   | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 U01 HG008701-04                      |                                           |                                                                  | \$579,734                                      | \$1,227,992                 | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 U01 HG010232-02                      |                                           |                                                                  |                                                | \$218,684                   | \$7,666,830                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 1 R01 HG010365-01                      | COLUMBIA UNIVERSITY                       | 1 R01 HG010365-01                                                | \$54,897                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 1 R21 HG010952-01                      | GEORGIA STATE UNIVERSITY                  | 1 R21 HG010952-01                                                | \$62,363                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 1 U24 HG010262-01                      | BROAD INSTITUTE OF MIT AND HARVARD        | 1 U24 HG010262-01                                                | \$13,690                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 1 U24 HG010262-02                      | BROAD INSTITUTE OF MIT AND HARVARD        | 1 U24 HG010262-02                                                | \$191,424                                      | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG007879-03                      | UNIVERSITY OF WASHINGTON                  | 5 R01 HG007879-03                                                | \$9,354                                        | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG008605-03                      | UNIVERSITY OF MINNESOTA                   | 5 R01 HG008605-03                                                | \$53,385                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG009914-02                      | UNIVERSITY OF LOUISVILLE                  | 5 R01 HG009914-02                                                | \$58,847                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG009914-03                      | UNIVERSITY OF LOUISVILLE                  | 5 R01 HG009914-03                                                | \$43,607                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG010004-02                      | BOSTON CHILDREN'S HOSPITAL                | 5 R01 HG010004-02                                                | \$58,991                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 R01 HG010004-03                      | BOSTON CHILDREN'S HOSPITAL                | 5 R01 HG010004-03                                                | \$13,972                                       | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 U01 HG009086-03                      | VANDERBILT UNIVERSITY                     | 5 U01 HG009086-03                                                | \$540,109                                      | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| HUMAN GENOME RESEARCH                                    | 93.172                           | 5 RM1 HG009034-03                      |                                           |                                                                  | -\$15,021                                      | \$7,666,830                 | RESEARCH AND DEVELOPMENT     | \$357,858,137            |                      |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 K18 DC017383-01                      |                                           |                                                                  |                                                | \$71,916                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC015988-03                      |                                           |                                                                  | \$31,717                                       | \$530,263                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC016977-02                      |                                           |                                                                  |                                                | \$722,181                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC017926-01A1                    |                                           |                                                                  |                                                | \$154,173                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R21 DC016723-01A1                    |                                           |                                                                  |                                                | \$149,843                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 U01 DC016033-01A1                    |                                           |                                                                  |                                                | -\$43                       | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 F32 DC016580-02                      |                                           |                                                                  |                                                | \$9,776                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC008408-13                      |                                           |                                                                  | \$55,328                                       | \$138,622                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC009404-11                      |                                           |                                                                  | \$33,516                                       | \$432,986                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC011777-06                      |                                           |                                                                  | \$105,176                                      | \$275,298                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC013117-06                      |                                           |                                                                  |                                                | \$551                       | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC013270-04                      |                                           |                                                                  | \$1,303                                        | \$311,853                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC015388-03                      |                                           |                                                                  |                                                | \$203,345                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC017175-02                      |                                           |                                                                  | \$149,966                                      | \$503,031                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC017683-02                      |                                           |                                                                  | \$41,152                                       | \$432,644                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R03 DC014802-04                      |                                           |                                                                  |                                                | -\$156                      | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R03 DC015075-03                      |                                           |                                                                  |                                                | \$91,451                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R21 DC016080-02                      |                                           |                                                                  |                                                | \$189,075                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R21 DC016144-03                      |                                           |                                                                  |                                                | \$108,541                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R21 DC016710-02-03                   |                                           |                                                                  |                                                | \$186,412                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R21 DC16723-03                       |                                           |                                                                  |                                                | \$47                        | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 T35 DC008763-13                      |                                           |                                                                  | \$6,204                                        | \$19,090                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 U01 DC016033-02                      |                                           |                                                                  |                                                | \$677,877                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 P50 DC015857-02                      | MASSACHUSETTS EYE AND EAR INFIRMARY       | 1 P50 DC015857-02                                                |                                                | \$6,517                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 P50 DC015857-03                      | MASSACHUSETTS EYE AND EAR INFIRMARY       | 1 P50 DC015857-03                                                |                                                | \$55,167                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC015997-01A1                    | UNIVERSITY OF IOWA                        | 1 R01 DC015997-01A1                                              | \$100,359                                      |                             | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC016643-01                      | BOYS TOWN NATIONAL RESEARCH HOSPITAL      | 1 R01 DC016643-01                                                |                                                | -\$2,591                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC016680-01A1                    | CREIGHTON UNIVERSITY                      | 1 R01 DC016680-01A1                                              |                                                | \$125,312                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R01 DC018171-01                      | VANDERBILT UNIVERSITY                     | 1 R01 DC018171-01                                                |                                                | \$21,926                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R21 DC016153-01A1                    | VANDERBILT UNIVERSITY                     | 1 R21 DC016153-01A1                                              |                                                | \$14,266                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R21 DC016724-01A1                    | UNIVERSITY OF WISCONSIN                   | 1 R21 DC016724-01A1                                              |                                                | \$7,821                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R43 DC016780-01                      | MIMOSA ACOUSTIC                           | 1 R43 DC016780-01                                                |                                                | \$203                       | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 1 R44 DC018491-01A1                    | INTELLIGENT HEARING SYSTEMS, INC.         | 1 R44 DC018491-01A1                                              |                                                | \$38,010                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 3 R01 DC015997-02S1                    | UNIVERSITY OF IOWA                        | 3 R01 DC015997-02S1                                              |                                                | \$78,771                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC003937-19                      | NEW YORK UNIVERSITY                       | 5 R01 DC003937-19                                                |                                                | -\$713                      | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS | 93.173                           | 5 R01 DC003937-20                      | NEW YORK UNIVERSITY                       | 5 R01 DC003937-20                                                |                                                | \$29,886                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                                                               | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC013767-04                      | VANDERBILT UNIVERSITY                                    | 5 R01 DC013767-04                                                |                                                | \$1,014                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC013767-04                      | VANDERBILT UNIVERSITY                                    | 5 R01 DC013767-04                                                |                                                | \$3,551                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC013767-05                      | VANDERBILT UNIVERSITY                                    | 5 R01 DC013767-05                                                |                                                | \$4,313                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC014037-05                      | VANDERBILT UNIVERSITY                                    | 5 R01 DC014037-05                                                |                                                | \$68,599                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC014462-03                      | VANDERBILT UNIVERSITY                                    | 5 R01 DC014462-03                                                |                                                | \$185,748                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC015780-03                      | NATHAN S. KLINE INSTITUTE FOR PSYCHIATRIC RESEARCH (NKI) | 5 R01 DC015780-03                                                | \$9,016                                        | \$22,851                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC015780-04                      | NATHAN S. KLINE INSTITUTE FOR PSYCHIATRIC RESEARCH (NKI) | 5 R01 DC015780-04                                                |                                                | \$21,068                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC016643-03                      | BOYS TOWN NATIONAL RESEARCH HOSPITAL                     | 5 R01 DC016643-03                                                |                                                | \$76,881                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R01 DC017078-02                      | MASSACHUSETTS EYE AND EAR INFIRMARY                      | 5 R01 DC017078-02                                                |                                                | \$32,729                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R03 DC015329-02                      | WAYNE STATE UNIVERSITY                                   | 5 R03 DC015329-02                                                |                                                | \$1,537                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 R44 DC015920-02                      | INTELLIGENT HEARING SYSTEMS, INC.                        | 5 R44 DC015920-02                                                |                                                | \$103,972                   | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 5 U01 DC014706-02                      | UNIVERSITY OF UTAH                                       | 5 U01 DC014706-02                                                |                                                | \$3,555                     | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS                                                                                   | 93.173                           | 7 R01 DC015405-04                      | UNIVERSITY OF PITTSBURGH                                 | 7 R01 DC015405-04                                                |                                                | \$32,364                    | \$6,241,892                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS                  | 93.185                           | 5 U01 IP001063-03                      |                                                          |                                                                  |                                                | \$169,633                   | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS                  | 93.185                           | 5 U01 IP001063-04                      |                                                          |                                                                  |                                                | \$1,036,193                 | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS                  | 93.185                           | 5 U01 IP001083-02                      |                                                          |                                                                  |                                                | \$77,134                    | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS                  | 93.185                           | 5 U01 IP001083-03                      |                                                          |                                                                  |                                                | \$486,850                   | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS                  | 93.185                           | 6 U01 IP001116-01-01                   | JOHNS HOPKINS UNIVERSITY                                 | 6 U01 IP001116-01-01                                             |                                                | \$41,706                    | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_ TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTSCOVID-19 | 93.185                           | COVID-19 5 U01 IP001083-03             |                                                          |                                                                  |                                                | \$94,536                    | \$1,906,052                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH                                                                              | 93.213                           | 5 R01 AT004821-10                      |                                                          |                                                                  |                                                | \$948                       | \$254,794                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH                                                                              | 93.213                           | 1 R01 AT009680-01A1                    | RUSH UNIVERSITY MEDICAL CENTER                           | 1 R01 AT009680-01A1                                              |                                                | \$234,208                   | \$254,794                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH                                                                              | 93.213                           | 3 U54 AT007748-05S1                    | DUKE UNIVERSITY                                          | 3 U54 AT007748-05S1                                              |                                                | \$17,497                    | \$254,794                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH                                                                              | 93.213                           | 5 UH3 AT009145-04                      | BROWN UNIVERSITY                                         | 5 UH3 AT009145-04                                                |                                                | \$2,141                     | \$254,794                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NATIONAL RESEARCH SERVICE AWARDS_HEALTH SERVICES RESEARCH TRAINING                                                                         | 93.225                           | 1 T32 HS026122-01                      |                                                          |                                                                  |                                                | \$36,879                    | \$39,656                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NATIONAL RESEARCH SERVICE AWARDS_HEALTH SERVICES RESEARCH TRAINING                                                                         | 93.225                           | 5 T32 HS026122-02                      |                                                          |                                                                  |                                                | \$23,573                    | \$412,276                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 K12 HS026395-01                      |                                                          |                                                                  |                                                | \$98,080                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R01 HS025976-01A1                    |                                                          |                                                                  |                                                | \$18,861                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R18 HS025910-01A1                    |                                                          |                                                                  |                                                | \$5,863                     | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R18 HS025931-01A1                    |                                                          |                                                                  |                                                | \$151,899                   | \$227,696                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R18 HS026158-01                      |                                                          |                                                                  |                                                | \$32,635                    | \$55,144                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R18 HS026616-01                      |                                                          |                                                                  |                                                | \$28,190                    | \$184,281                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 K12 HS022990-05                      |                                                          |                                                                  |                                                | \$72,885                    | \$207,140                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 K12 HS026395-02                      |                                                          |                                                                  |                                                | \$401,758                   | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R01 HS025976-02                      |                                                          |                                                                  |                                                | \$60,508                    | \$363,768                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R03 HS026069-01                      |                                                          |                                                                  |                                                | \$5,348                     | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R03 HS026069-02                      |                                                          |                                                                  |                                                | \$45,791                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R18 HS025931-02                      |                                                          |                                                                  |                                                | \$30,350                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R18 HS026158-02                      |                                                          |                                                                  |                                                | \$80,150                    | \$246,720                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 5 R18 HS026616-02                      |                                                          |                                                                  |                                                | \$84,085                    | \$428,637                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 6 R01 HS021496-04                      |                                                          |                                                                  |                                                | \$13,705                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R01 HS025979-01A1                    | ATRIUM HEALTH                                            | 1 R01 HS025979-01A1                                              |                                                | \$13,602                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R01 HS025979-02                      | ATRIUM HEALTH                                            | 1 R01 HS025979-02                                                |                                                | \$19,696                    | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R01 HS026742-01A1                    | WASHINGTON UNIVERSITY IN ST. LOUIS                       | 1 R01 HS026742-01A1                                              |                                                | \$1,763                     | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES                                                                                         | 93.226                           | 1 R18 HS223757-01A1                    | BRIGHAM AND WOMEN'S HOSPITAL                             | 1 R18 HS223757-01A1                                              |                                                | \$1,104                     | \$2,655,572                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title              | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity           | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total            |               |
|----------------------------------------------------|---------------------------|---------------------------------|----------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|--------------------------|---------------|
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES | 93.226                    | 5 R01 HS023306-04               | INDIANA UNIVERSITY                           | 5 R01 HS023306-04                                         |                                         | \$1,847              | \$2,655,572           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES | 93.226                    | 5 R01 HS025411-02               | INDIANA UNIVERSITY                           | 5 R01 HS025411-02                                         |                                         | \$18                 | \$2,655,572           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES | 93.226                    | 5 U18 HS025291-03               | SEATTLE CHILDREN'S HOSPITAL                  | 5 U18 HS025291-03                                         |                                         | \$18,219             | \$2,655,572           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES | 93.226                    | 7 U18 HS025291-04               | KAISER FOUNDATION                            | 7 U18 HS025291-04                                         |                                         | \$21,204             | \$2,655,572           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH116058-01A1-02          |                                              |                                                           | \$340,486                               | \$723,936            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH119817-01A1             |                                              |                                                           |                                         | \$354,795            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH120736-01               |                                              |                                                           |                                         | \$292,663            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH121455-01               |                                              |                                                           | \$24,487                                | \$199,562            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH121620-01               |                                              |                                                           |                                         | \$118,430            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R21 MH118539-02               |                                              |                                                           |                                         | \$168,885            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R33 MH120149-01A1             |                                              |                                                           |                                         | \$14,091             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R61 MH123029-01               |                                              |                                                           |                                         | \$136,485            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 2 R01 MH102272-06               |                                              |                                                           |                                         | \$356,604            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 F32 MH112263-02               |                                              |                                                           |                                         | \$4,079              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 K01 MH107255-04               |                                              |                                                           |                                         | \$34,478             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 K23 MH116339-04               |                                              |                                                           | \$360                                   | \$176,938            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 K24 MH110598-03               |                                              |                                                           |                                         | \$149,519            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH100096-07               |                                              |                                                           | \$538                                   | \$538                | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH102246-06               |                                              |                                                           | \$91,472                                | \$585,377            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH102266-05               |                                              |                                                           | \$53,372                                | \$240,839            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH102272-05               |                                              |                                                           | \$9,898                                 | \$86,271             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH107435-05               |                                              |                                                           | \$1,051                                 | \$459,029            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH111599-04               |                                              |                                                           |                                         | \$520,406            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH111776-04               |                                              |                                                           | \$61,222                                | \$297,399            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH111877-04               |                                              |                                                           | \$57,874                                | \$360,761            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH113362-04               |                                              |                                                           |                                         | \$98,635             | \$710,617             | \$9,268,917              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH113438-03               |                                              |                                                           |                                         | \$98,746             | \$258,928             | \$9,268,917              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH113478-04               |                                              |                                                           |                                         | \$81,021             | \$463,170             | \$9,268,917              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH113576-02               |                                              |                                                           |                                         | \$5,304              | \$8,637               | \$9,268,917              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH114906-03               |                                              |                                                           | \$396,614                               | \$682,594            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH115000-03               |                                              |                                                           | \$155,529                               | \$356,070            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH116269-02               |                                              |                                                           |                                         | \$113,796            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R03 MH112783-02               |                                              |                                                           |                                         | \$14,272             | \$24,567              | \$9,268,917              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R21 MH111567-02               |                                              |                                                           | \$230,209                               | \$250,593            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R21 MH113262-03               |                                              |                                                           |                                         | \$1                  | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R24 MH109105-04               |                                              |                                                           | -\$22,527                               | \$288,354            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 6 R34 MH104428-03               |                                              |                                                           |                                         | \$1,462              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 7 R01 MH106511-03               |                                              |                                                           | \$13,740                                | \$13,740             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH112913-01A1             | UNIVERSITY OF WISCONSIN                      | 1 R01 MH112913-01A1                                       |                                         | -\$3,780             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH118223-01               | MASSACHUSETTS GENERAL HOSPITAL               | 1 R01 MH118223-01                                         |                                         | \$92,538             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH118273-01A1             | VANDERBILT UNIVERSITY                        | 1 R01 MH118273-01A1                                       |                                         | \$83,717             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH120122-01               | UNIVERSITY OF COLORADO                       | 1 R01 MH120122-01                                         |                                         | \$65,270             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R01 MH121407-01               | PORTLAND STATE UNIVERSITY                    | 1 R01 MH121407-01                                         |                                         | \$9,620              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 R21 MH121165-01               | CASE WESTERN RESERVE UNIVERSITY              | 1 R21 MH121165-01                                         |                                         | \$9,912              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 1 UG3 MH120102-01               | CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH) | 1 UG3 MH120102-01                                         |                                         | \$60,522             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 2 R44 MH115528-02               | ADAPTIVE TECHNOLOGY CONSULTING, LLC          | 2 R44 MH115528-02                                         |                                         | \$9,016              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 3 U01 MH109539-04S2             | MASSACHUSETTS GENERAL HOSPITAL               | 3 U01 MH109539-04S2                                       |                                         | \$15,387             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH098260-05               | UNIVERSITY OF PENNSYLVANIA                   | 5 R01 MH098260-05                                         |                                         | \$867                | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH107467-04               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO    | 5 R01 MH107467-04                                         |                                         | \$63,845             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH107467-05               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO    | 5 R01 MH107467-05                                         |                                         | \$13,509             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 R01 MH118233-02               | MASSACHUSETTS GENERAL HOSPITAL               | 5 R01 MH118233-02                                         |                                         | \$97,053             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 U01 MH110925-03               | UNIVERSITY OF NORTH CAROLINA                 | 5 U01 MH110925-03                                         |                                         | \$417                | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| MENTAL HEALTH RESEARCH GRANTS                      | 93.242                    | 5 U01 MH110925-03               | UNIVERSITY OF NORTH CAROLINA                 | 5 U01 MH110925-03                                         |                                         | \$7,998              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                                                | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity           | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|--------------------------------------------------------------------------------------|---------------------------|---------------------------------|----------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 U01 MH110925-04               | UNIVERSITY OF NORTH CAROLINA                 | 5 U01 MH110925-04                                         |                                         | \$4,645              | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 U01 MH110925-04               | UNIVERSITY OF NORTH CAROLINA                 | 5 U01 MH110925-04                                         |                                         | \$32,474             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 U01 MH112913-02               | UNIVERSITY OF WISCONSIN                      | 5 U01 MH112913-02                                         |                                         | \$198,165            | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 U01 MH112913-03               | UNIVERSITY OF WISCONSIN                      | 5 U01 MH112913-03                                         |                                         | \$809                | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 U19 MH113136-03               | JOHNS HOPKINS UNIVERSITY                     | 5 U19 MH113136-03                                         |                                         | \$56,886             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 5 R01 MH100096-07               |                                              |                                                           |                                         | -\$538               | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| MENTAL HEALTH RESEARCH GRANTS                                                        | 93.242                    | 7 R01 MH106511-03               |                                              |                                                           |                                         | -\$3,029             | \$9,268,917           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ADVANCED NURSING EDUCATION GRANT PROGRAM                                             | 93.247                    | 1 T14 HP33119-01-00             | VANDERBILT UNIVERSITY                        | 1 T14 HP33119-01-00                                       |                                         | \$18,359             | \$18,359              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| EARLY HEARING DETECTION AND INTERVENTION                                             | 93.251                    | 34347-75420-ST TN               | TN DEPARTMENT OF HEALTH                      | 34347-75420-ST TN                                         |                                         | \$15,213             | \$15,213              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 POISON CENTER SUPPORT AND ENHANCEMENT GRANT                                 | 93.253                    | COVID-19 1 H4C HS37367-01-00    |                                              |                                                           |                                         | \$24,426             | \$426,182             | N/A                      | \$0           |
| POISON CENTER SUPPORT AND ENHANCEMENT GRANT                                          | 93.253                    | 2 H4B HS030752-04-00            |                                              |                                                           |                                         | \$339,925            | \$426,182             | N/A                      | \$0           |
| POISON CENTER SUPPORT AND ENHANCEMENT GRANT                                          | 93.253                    | 5 H4B HS030752-03-00            |                                              |                                                           |                                         | \$61,831             | \$426,182             | N/A                      | \$0           |
| OCCUPATIONAL SAFETY AND HEALTH PROGRAM                                               | 93.262                    | 1 R21 OH011452-01-00            | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO    | 1 R21 OH011452-01-00                                      |                                         | \$5,605              | \$32,533              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| OCCUPATIONAL SAFETY AND HEALTH PROGRAM                                               | 93.262                    | 5 R21 OH011452-02-00            | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO    | 5 R21 OH011452-02-00                                      |                                         | \$26,928             | \$32,533              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| IMMUNIZATION COOPERATIVE AGREEMENTS                                                  | 93.268                    | 200-2012-50430                  |                                              |                                                           |                                         | \$27,999             | \$28,406              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| IMMUNIZATION COOPERATIVE AGREEMENTS                                                  | 93.268                    | 200-2013-F-57544                | ABT ASSOCIATES, INC.                         | 200-2013-F-57544                                          |                                         | \$407                | \$28,406              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 1 R21 AA025385-02               |                                              |                                                           | \$14,899                                | \$56,744             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 R01 AA026186-04               |                                              |                                                           | \$18,709                                | \$328,293            | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA026222-02               |                                              |                                                           | \$195,298                               | \$211,009            | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA026222-03               |                                              |                                                           | \$342,684                               | \$499,156            | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 1 R01 AA025859-02               | BOSTON MEDICAL CENTER                        | 1 R01 AA025859-02                                         |                                         | \$5,385              | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 1 R01 AA027654-01A1             | UNIVERSITY OF IOWA                           | 1 R01 AA027654-01A1                                       |                                         | \$10,567             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 R01 AA025859-03               | BOSTON MEDICAL CENTER                        | 5 R01 AA025859-03                                         |                                         | \$26,050             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 R01 AA025947-02               | RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC. | 5 R01 AA025947-02                                         |                                         | \$28,628             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA020780-08               | BOSTON MEDICAL CENTER                        | 5 U01 AA020780-08                                         |                                         | \$15,140             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA020780-09               | BOSTON MEDICAL CENTER                        | 5 U01 AA020780-09                                         |                                         | \$80,595             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA026224-02               | YALE UNIVERSITY                              | 5 U01 AA026224-02                                         |                                         | \$6,194              | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 5 U01 AA026224-03               | YALE UNIVERSITY                              | 5 U01 AA026224-03                                         |                                         | \$34,809             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALCOHOL RESEARCH PROGRAMS                                                            | 93.273                    | 7 R03 AA026099-03               | OCHSNER CLINIC FOUNDATION                    | 7 R03 AA026099-03                                         |                                         | \$39,695             | \$1,342,265           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 1 K01 DA050740-01               |                                              |                                                           |                                         | \$1,762              | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 1 K23 DA047476-01A1             |                                              |                                                           | \$20,611                                | \$163,446            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 1 R01 DA045729-03               |                                              |                                                           | \$6,173                                 | \$416,396            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 K23 DA038720-05               |                                              |                                                           |                                         | \$106,605            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 R01 DA037891-05               |                                              |                                                           | \$391,177                               | \$554,326            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 R01 DA040630-05               |                                              |                                                           |                                         | \$409,675            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 1 R21 DA043960-01A1             | UNIVERSITY OF ALABAMA AT BIRMINGHAM          | 1 R21 DA043960-01A1                                       |                                         | \$13,000             | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 3 UG1 DA015831-18S9             | THE MCLEAN HOSPITAL CORPORATION              | 3 UG1 DA015831-18S9                                       |                                         | \$70,003             | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 3 UG1 DA040317-05S2             | DUKE UNIVERSITY                              | 3 UG1 DA040317-05S2                                       | \$7,422                                 | \$264,892            | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 R01 DA034629-05               | UNIVERSITY OF PITTSBURGH                     | 5 R01 DA034629-05                                         |                                         | -\$4                 | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 R01 DA039522-04               | RUSH MEDICAL CENTER                          | 5 R01 DA039522-04                                         |                                         | \$29,730             | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 R21 DA043960-02               | UNIVERSITY OF ALABAMA AT BIRMINGHAM          | 5 R21 DA043960-02                                         |                                         | \$61,712             | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 UG1 DA040317-04               | DUKE UNIVERSITY                              | 5 UG1 DA040317-04                                         |                                         | -\$4                 | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS                                           | 93.279                    | 5 UG1 DA040317-05               | DUKE UNIVERSITY                              | 5 UG1 DA040317-05                                         |                                         | \$16,601             | \$2,108,140           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                    | 1 R03 EB029078-01               |                                              |                                                           |                                         | \$4,162              | \$2,752,042           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                    | 1 R21 EB029639-01               |                                              |                                                           |                                         | \$15,186             | \$2,752,042           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                    | 1 U18 EB029351-01               |                                              |                                                           |                                         | \$359,282            | \$2,752,042           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                    | 5 R01 EB017767-05               |                                              |                                                           |                                         | \$2,677              | \$2,752,042           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                         | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|--------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB018992-04                      |                                           |                                                                  | \$289,895                                      | \$417,848                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB020666-04                      |                                           |                                                                  |                                                | \$51,940                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB024525-03                      |                                           |                                                                  |                                                | \$457,252                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB026991-02                      |                                           |                                                                  | \$120,227                                      | \$260,872                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R21 EB021012-02                      |                                           |                                                                  | \$30,055                                       | \$95,720                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R21 EB025258-03                      |                                           |                                                                  | \$15,660                                       | \$131,621                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 T32 EB001628-17                      |                                           |                                                                  |                                                | \$345,109                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 1 R01 EB024864-01                      | VANDERBILT UNIVERSITY                     | 1 R01 EB024864-01                                                |                                                | \$10,409                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 1 R01 EB026901-01A1                    | VANDERBILT UNIVERSITY                     | 1 R01 EB026901-01A1                                              |                                                | \$81,814                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 1 R01 EB027498-01A1                    | VANDERBILT UNIVERSITY                     | 1 R01 EB027498-01A1                                              |                                                | \$9,208                     | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 1 R01 EB028615-01                      | VANDERBILT UNIVERSITY                     | 1 R01 EB028615-01                                                |                                                | \$13,727                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 2 R01 EB016695-05                      | VANDERBILT UNIVERSITY                     | 2 R01 EB016695-05                                                |                                                | -\$1                        | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB014308-04                      | VANDERBILT UNIVERSITY                     | 5 R01 EB014308-04                                                |                                                | \$155,183                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB016695-06                      | VANDERBILT UNIVERSITY                     | 5 R01 EB016695-06                                                |                                                | \$111,103                   | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB016695-07                      | VANDERBILT UNIVERSITY                     | 5 R01 EB016695-07                                                |                                                | \$58,287                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB017230-04                      | VANDERBILT UNIVERSITY                     | 5 R01 EB017230-04                                                |                                                | \$3,273                     | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB019980-04                      | VANDERBILT UNIVERSITY                     | 5 R01 EB019980-04                                                |                                                | \$16,189                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 R01 EB023717-02                      | VANDERBILT UNIVERSITY                     | 5 R01 EB023717-02                                                |                                                | \$92,939                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH | 93.286                           | 5 U01 EB021214-04                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 5 U01 EB021214-04                                                |                                                | \$58,242                    | \$2,752,042                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD010722-04                      |                                           |                                                                  | \$1,286,539                                    | \$2,185,728                 | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD010722-05                      |                                           |                                                                  |                                                | \$256,153                   | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 1 U54 MD012397-01A1                    | SAN DIEGO STATE UNIVERSITY                | 1 U54 MD012397-01A1                                              |                                                | \$4,503                     | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 R01 MD013493-02                      | DUKE UNIVERSITY                           | 5 R01 MD013493-02                                                |                                                | \$45,454                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 R01 MD013493-03                      | DUKE UNIVERSITY                           | 5 R01 MD013493-03                                                |                                                | \$9,233                     | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD007586-33                      | MEHARRY MEDICAL COLLEGE                   | 5 U54 MD007586-33                                                |                                                | \$25,917                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD007586-33                      | MEHARRY MEDICAL COLLEGE                   | 5 U54 MD007586-33                                                |                                                | \$12,016                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD007586-33                      | MEHARRY MEDICAL COLLEGE                   | 5 U54 MD007586-33                                                |                                                | \$18,487                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD007593-10                      | MEHARRY MEDICAL COLLEGE                   | 5 U54 MD007593-10                                                |                                                | \$44,507                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH                                      | 93.307                           | 5 U54 MD012397-02                      | SAN DIEGO STATE UNIVERSITY                | 5 U54 MD012397-02                                                |                                                | \$18,428                    | \$2,620,426                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 1 DP2 HD098859-01                      |                                           |                                                                  | \$16,988                                       | \$521,659                   | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 2 U01 HG007674-06                      |                                           |                                                                  | \$56,924                                       | \$75,192                    | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 3 OT2 OD023850-01                      |                                           |                                                                  | \$71,856                                       | \$241,941                   | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 3 U01 HG007674-07S1                    |                                           |                                                                  |                                                | \$77,586                    | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 5 U01 HG007674-07                      |                                           |                                                                  | \$52,545                                       | \$1,094,006                 | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 5 U2C OD023196-03                      |                                           |                                                                  | \$2,259,470                                    | \$9,809,647                 | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 5 U2C OD23196-02                       |                                           |                                                                  | \$6,885,169                                    | \$15,080,279                | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 1 U01 GM132769-01                      | ALABAMA STATE UNIVERSITY                  | 1 U01 GM132769-01                                                |                                                | \$61,501                    | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| TRANS-NIH RESEARCH SUPPORT                                                           | 93.310                           | 1 U24 GM132217-01                      | UNIVERSITY OF NORTH TEXAS                 | 1 U24 GM132217-01                                                |                                                | \$494,558                   | \$29,803,867                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

## Vanderbilt University Medical Center

### Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title                                   | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 1 U24 OD023319-03               | NORTHWESTERN UNIVERSITY                                   | 1 U24 OD023319-03                                         |                                         | \$39,378             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 1 U54 DK120058-01               | VANDERBILT UNIVERSITY                                     | 1 U54 DK120058-01                                         |                                         | -\$1,257             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 4 U24 OD023319-04               | NORTHWESTERN UNIVERSITY                                   | 4 U24 OD023319-04                                         |                                         | \$30,850             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 4 UH3 OD023271-03               | UNIVERSITY OF WASHINGTON                                  | 4 UH3 OD023271-03                                         |                                         | \$18,191             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 4 UH3 OD023271-04               | UNIVERSITY OF WASHINGTON                                  | 4 UH3 OD023271-04                                         |                                         | \$115,459            | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 4 UH3 OD023282-03               | UNIVERSITY OF WISCONSIN                                   | 4 UH3 OD023282-03                                         |                                         | \$332,731            | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 4 UH3 OD023320-03               | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY | 4 UH3 OD023320-03                                         |                                         | \$39,518             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 5 U2C OD023375-03               | DUKE UNIVERSITY                                           | 5 U2C OD023375-03                                         |                                         | \$45,198             | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 5 U54 DK120058-02               | VANDERBILT UNIVERSITY                                     | 5 U54 DK120058-02                                         |                                         | \$154,418            | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 5 U54 GM119023-05               | BOSTON COLLEGE                                            | 5 U54 GM119023-05                                         |                                         | \$2,172              | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 5 UH3 OD023282-04               | UNIVERSITY OF WISCONSIN                                   | 5 UH3 OD023282-04                                         |                                         | \$1,370,188          | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 5 UH3 OD023320-05               | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY | 5 UH3 OD023320-05                                         |                                         | \$200,847            | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANS-NIH RESEARCH SUPPORT                                              | 93.310                    | 8 U54 GM119023-03               | FISK UNIVERSITY                                           | 8 U54 GM119023-03                                         |                                         | -\$195               | \$29,803,867          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION | 93.315                    | 1 U01 DD001234-01-00            |                                                           |                                                           |                                         | \$17,217             | \$74,780              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION | 93.315                    | 1 U01 DD001235-01-00            |                                                           |                                                           |                                         | \$31,382             | \$74,780              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION | 93.315                    | 5 U01 DD001073-06               |                                                           |                                                           |                                         | \$22,399             | \$74,780              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION | 93.315                    | 5 U01 DD001075-06               |                                                           |                                                           |                                         | \$3,782              | \$74,780              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| EMERGING INFECTIONS PROGRAMS                                            | 93.317                    | 59293-ST TN                     | TN DEPARTMENT OF HEALTH                                   | 59293-ST TN                                               |                                         | \$2,624,870          | \$2,886,847           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 EMERGING INFECTIONS PROGRAMS                                   | 93.317                    | COVID-19 59293-ST TN            | TN DEPARTMENT OF HEALTH                                   | 59293-ST TN                                               |                                         | \$261,977            | \$2,886,847           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)      | 93.323                    | 61814-ST TN                     | TN DEPARTMENT OF HEALTH                                   | 61814-ST TN                                               |                                         | \$205,175            | \$223,549             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 KL2 TR002245-02               |                                                           |                                                           |                                         | -\$6,006             | \$0                   | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 KL2 TR002245-03               |                                                           |                                                           |                                         | \$90,089             | \$544,050             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 KL2 TR002245-04               |                                                           |                                                           |                                         |                      | \$245,944             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 R21 TR001723-02               |                                                           |                                                           |                                         |                      | \$80,412              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 T1L TR002244-03               |                                                           |                                                           |                                         |                      | \$243,054             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 T1L TR002244-04               |                                                           |                                                           |                                         |                      | \$76,581              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR002398-02               |                                                           |                                                           |                                         | \$177,764            | \$895,746             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U24 TR001579-03               |                                                           |                                                           |                                         | \$106,092            | \$129,304             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U24 TR001579-04               |                                                           |                                                           |                                         | \$175,094            | \$3,379,907           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U1L TR002243-03               |                                                           |                                                           |                                         | \$537,661            | \$7,090,651           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U1L TR002243-04               |                                                           |                                                           |                                         |                      | \$2,144,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 1 U01 TR002383-01               | VANDERBILT UNIVERSITY                                     | 1 U01 TR002383-01                                         |                                         | \$6,284              | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 1 U01 TR003206-01               | ROCKEFELLER UNIVERSITY                                    | 1 U01 TR003206-01                                         |                                         | \$2,069              | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 3 U1L TR001881-0352             | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 3 U1L TR001881-0352                                       |                                         | -\$10,737            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 3 U1L TR002553-0251             | DUKE UNIVERSITY                                           | 3 U1L TR002553-0251                                       |                                         | \$21,511             | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 4 UH3 TR002097-03               | VANDERBILT UNIVERSITY                                     | 4 UH3 TR002097-03                                         |                                         | \$283,745            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR001803-02               | DUKE UNIVERSITY                                           | 5 U01 TR001803-02                                         |                                         | \$40,509             | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR001803-04               | DUKE UNIVERSITY                                           | 5 U01 TR001803-04                                         |                                         | \$161,352            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR001812-03               | UNIVERSITY OF MASSACHUSETTS                               | 5 U01 TR001812-03                                         |                                         | \$1,971              | \$39,803              | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR001812-04               | UNIVERSITY OF MASSACHUSETTS                               | 5 U01 TR001812-04                                         |                                         | \$189,161            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U01 TR002383-02               | VANDERBILT UNIVERSITY                                     | 5 U01 TR002383-02                                         |                                         | \$89,829             | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U24 TR001608-04               | DUKE UNIVERSITY                                           | 5 U24 TR001608-04                                         |                                         | \$1,524,935          | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U24 TR001608-04               | DUKE UNIVERSITY                                           | 5 U24 TR001608-04                                         |                                         | \$1,562              | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U24 TR001608-04S1             | DUKE UNIVERSITY                                           | 5 U24 TR001608-04S1                                       |                                         | \$116,896            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 UG3 TR002097-02               | VANDERBILT UNIVERSITY                                     | 5 UG3 TR002097-02                                         |                                         | \$4,983              | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES                    | 93.350                    | 5 U1L TR001881-04               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 U1L TR001881-04                                         |                                         | \$390,463            | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES           | 93.350                    | COVID-19 5 U1L TR002243-04      |                                                           |                                                           |                                         | \$653                | \$17,692,747          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| 21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT                     | 93.353                    | 1 U2C CA233291-01               |                                                           |                                                           |                                         | \$239,737            | \$1,480,863           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                                  | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|---------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| 21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT                                                           | 93.353                           | 5 U01 CA232829-01A1                    |                                           |                                                                  | \$113,739                                      | \$472,481                   | \$1,953,344                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE | 93.354                           | 61319-ST TN                            | TN DEPARTMENT OF HEALTH                   | 61319-ST TN                                                      |                                                | \$143,385                   | \$143,385                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS                                                        | 93.359                           | 4 UD7 HP030932-02-03                   | VANDERBILT UNIVERSITY                     | 4 UD7 HP030932-02-03                                             |                                                | \$273,627                   | \$273,627                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NURSING RESEARCH                                                                                              | 93.361                           | 3 R01 NR015079-06S1                    |                                           |                                                                  |                                                | \$139,268                   | \$609,729                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NURSING RESEARCH                                                                                              | 93.361                           | 5 R01 NR015079-07                      |                                           |                                                                  |                                                | \$440,174                   | \$609,729                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NURSING RESEARCH                                                                                              | 93.361                           | 1 R01 NR017622-01A1                    | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 R01 NR017622-01A1                                              |                                                | \$30,287                    | \$609,729                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA235553-02                      |                                           |                                                                  |                                                | \$270,230                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA237895-01A1                    |                                           |                                                                  |                                                | \$108,174                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA240093-01                      |                                           |                                                                  | \$13,995                                       | \$440,191                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R21 CA243036-01                      |                                           |                                                                  |                                                | \$95,863                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R37 CA237452-01A1                    |                                           |                                                                  |                                                | \$26,097                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 2 P01 CA116087-12                      |                                           |                                                                  | \$122,761                                      | \$1,056,213                 | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 P01 CA028842-33                      |                                           |                                                                  | \$91,058                                       | \$123,721                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 P01 CA028842-34                      |                                           |                                                                  | \$265,868                                      | \$736,372                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 P01 CA116087-13                      |                                           |                                                                  |                                                | \$454,414                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA077955-24                      |                                           |                                                                  |                                                | \$466,441                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA188214-06                      |                                           |                                                                  | \$34,907                                       | \$301,168                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA189152-06                      |                                           |                                                                  | \$169,807                                      | \$388,583                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA190612-06                      |                                           |                                                                  | \$164,743                                      | \$275,021                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA198482-06                      |                                           |                                                                  | \$505,575                                      | \$590,654                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA200999-05                      |                                           |                                                                  | \$23,847                                       | \$143,156                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA202936-05                      |                                           |                                                                  | \$166,775                                      | \$391,924                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA202981-02                      |                                           |                                                                  | \$1,232,377                                    | \$2,158,560                 | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA203012-05                      |                                           |                                                                  | \$314,776                                      | \$496,967                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA204819-03                      |                                           |                                                                  | \$33,866                                       | \$360,050                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA207401-04                      |                                           |                                                                  | \$273,968                                      | \$499,034                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA207466-04                      |                                           |                                                                  | \$90,426                                       | \$389,173                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA227130-02                      |                                           |                                                                  | \$22,393                                       | \$607,615                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA230352-02                      |                                           |                                                                  | \$176,884                                      | \$544,288                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA232516-02                      |                                           |                                                                  | \$15,546                                       | \$675,504                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R03 CA182063-03                      |                                           |                                                                  |                                                | -\$1,446                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R21 CA201856-03                      |                                           |                                                                  |                                                | -\$897                      | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 U01 CA161045-06                      |                                           |                                                                  |                                                | \$809                       | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 U01 CA202979-03                      |                                           |                                                                  | \$12,663                                       | \$14,556                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 U01 CA202979-04                      |                                           |                                                                  | \$33,091                                       | \$2,537,824                 | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 UM1 CA173640-06                      |                                           |                                                                  |                                                | \$412,229                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 UM1 CA182910-06                      |                                           |                                                                  |                                                | \$333,305                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 6 R01 CA158473-06                      |                                           |                                                                  |                                                | -\$7,792                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA200709-01                      | VANDERBILT UNIVERSITY                     | 1 R01 CA200709-01                                                |                                                | \$104,078                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA209798-02                      | UNIVERSITY OF SOUTHERN CALIFORNIA         | 1 R01 CA209798-02                                                |                                                | \$13,958                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA226086-01A1                    | UNIVERSITY OF NORTH CAROLINA              | 1 R01 CA226086-01A1                                              |                                                | \$23,881                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 R01 CA228156-01A1                    | ROSWELL PARK CANCER INSTITUTE             | 1 R01 CA228156-01A1                                              |                                                | \$360,210                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 U01 CA224276-01A1                    | VANDERBILT UNIVERSITY                     | 1 U01 CA224276-01A1                                              |                                                | \$16,028                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 1 UG3 CA243120-01                      | BOSTON CHILDREN'S HOSPITAL                | 1 UG3 CA243120-01                                                |                                                | \$3,149                     | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 2 R01 CA172253-06                      | BAPTIST HOSPITAL SYSTEM DBA BH1           | 2 R01 CA172253-06                                                |                                                | \$878                       | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 2 R01 CA172253-07                      | BAPTIST HOSPITAL SYSTEM DBA BH1           | 2 R01 CA172253-07                                                |                                                | \$5,428                     | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 P01 CA138338-07                      | UNIVERSITY OF SOUTHERN CALIFORNIA         | 5 P01 CA138338-07                                                |                                                | \$7,179                     | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 P01 CA138338-08                      | UNIVERSITY OF SOUTHERN CALIFORNIA         | 5 P01 CA138338-08                                                |                                                | \$30,713                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R00 CA207848-05                      | UNIVERSITY OF WISCONSIN                   | 5 R00 CA207848-05                                                |                                                | \$123,566                   | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA164605-08                      | VANDERBILT UNIVERSITY                     | 5 R01 CA164605-08                                                |                                                | \$25,201                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA183750-05                      | FRED HUTCHINSON CANCER RESEARCH CENTER    | 5 R01 CA183750-05                                                |                                                | \$2,715                     | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CAUSE AND PREVENTION RESEARCH                                                                          | 93.393                           | 5 R01 CA192156-03                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 5 R01 CA192156-03                                                |                                                | -\$8,324                    | \$16,563,948                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title   | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                   | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-----------------------------------------|---------------------------|---------------------------------|------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA192156-05               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO            | 5 R01 CA192156-05                                         |                                         | \$54,531             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA197422-04               | CALIFORNIA SYSTEMWIDE                                | 5 R01 CA197422-04                                         |                                         | \$43,860             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA197422-05               | CALIFORNIA SYSTEMWIDE                                | 5 R01 CA197422-05                                         |                                         | \$16,029             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA204113-04               | NEW YORK UNIVERSITY                                  | 5 R01 CA204113-04                                         |                                         | \$185,390            | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA206564-06               | UNIVERSITY OF MIAMI                                  | 5 R01 CA206564-06                                         |                                         | \$7,703              | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA207538-03               | UNIVERSITY OF KENTUCKY                               | 5 R01 CA207538-03                                         |                                         | \$125,112            | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA209798-03               | UNIVERSITY OF SOUTHERN CALIFORNIA                    | 5 R01 CA209798-03                                         |                                         | \$17,983             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA215520-02               | THOMAS JEFFERSON UNIVERSITY                          | 5 R01 CA215520-02                                         |                                         | \$66,419             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA220581-03               | CASE WESTERN RESERVE UNIVERSITY                      | 5 R01 CA220581-03                                         |                                         | \$39,961             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 R01 CA232743-02               | UNIVERSIDAD DE PUERTO RICO                           | 5 R01 CA232743-02                                         |                                         | \$21,532             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 U01 CA187508-04               | BOSTON MEDICAL CENTER                                | 5 U01 CA187508-04                                         |                                         | \$30,928             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 5 U01 CA224276-02               | VANDERBILT UNIVERSITY                                | 5 U01 CA224276-02                                         |                                         | \$84,822             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 7 U19 CA203654-03               | INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (FRANCE) | 7 U19 CA203654-03                                         |                                         | \$3,538              | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | 7 U19 CA203654-03               | INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (FRANCE) | 7 U19 CA203654-03                                         |                                         | \$4,944              | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | HHSN216200800001E               | VANDERBILT UNIVERSITY                                | HHSN216200800001E                                         |                                         | \$2,772              | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | HHSN216200800001E               | VANDERBILT UNIVERSITY                                | HHSN216200800001E                                         |                                         | \$4,266              | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | HHSN261200800001E               | LEIDOS BIOMEDICAL RESEARCH, INC.                     | HHSN261200800001E                                         |                                         | -\$35,684            | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | HHSN261201200035I               | NORTHWESTERN UNIVERSITY                              | HHSN261201200035I                                         |                                         | \$95,917             | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER CAUSE AND PREVENTION RESEARCH    | 93.393                    | HHSN261201200035I               | NORTHWESTERN UNIVERSITY                              | HHSN261201200035I                                         |                                         | \$197,264            | \$16,563,948          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 U01 CA231840-01               |                                                      |                                                           | \$111,462                               | \$129,759            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 U24 CA220325-01A1             |                                                      |                                                           | \$6,312                                 | \$135,235            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 2 UM1 CA183727-07               |                                                      |                                                           |                                         | \$736,495            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA109106-14               |                                                      |                                                           |                                         | \$189,618            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA184693-06               |                                                      |                                                           |                                         | \$388,930            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA214494-03               |                                                      |                                                           |                                         | \$309,452            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA227133-02               |                                                      |                                                           | \$44,071                                | \$554,865            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA142565-10               |                                                      |                                                           | \$218,081                               | \$220,708            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA152662-09               |                                                      |                                                           | \$27,920                                | \$684,563            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA152662-10               |                                                      |                                                           |                                         | \$135,240            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA182364-06               |                                                      |                                                           |                                         | \$15,006             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA186145-05               |                                                      |                                                           |                                         | \$60,107             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA186145-06               |                                                      |                                                           | \$103,447                               | \$369,472            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA231840-02               |                                                      |                                                           | \$14,669                                | \$227,770            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U24 CA220325-02               |                                                      |                                                           | \$18,872                                | \$441,873            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 UM1 CA183727-08               |                                                      |                                                           |                                         | \$213,136            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 6 U24 CA159988-06               |                                                      |                                                           | -\$118                                  |                      | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 7 R01 CA194024-04               |                                                      |                                                           |                                         | \$246,180            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 R01 CA200987-03               | UNIVERSITY OF MIAMI                                  | 1 R01 CA200987-03                                         |                                         | \$4,158              | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 R01 CA212147-01A1             | VANDERBILT UNIVERSITY                                | 1 R01 CA212147-01A1                                       |                                         | \$26,848             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 R01 CA227466-01               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO            | 1 R01 CA227466-01                                         |                                         | \$48,070             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 R01 CA227466-01               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO            | 1 R01 CA227466-01                                         |                                         | \$9,952              | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 1 UG3 CA232820-01A1             | UNIVERSITY OF ALABAMA AT BIRMINGHAM                  | 1 UG3 CA232820-01A1                                       |                                         | \$47,607             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 2 R01 CA159036-05A1             | NEW YORK UNIVERSITY                                  | 2 R01 CA159036-05A1                                       |                                         | \$2,010              | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 4 R44 CA228897-02               | FRONTIER DIAGNOSTICS LLC                             | 4 R44 CA228897-02                                         |                                         | \$21,879             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA163772-05               | MOUNT SINAI SCHOOL OF MEDICINE                       | 5 R01 CA163772-05                                         | -\$72                                   | \$0                  | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA200987-04               | UNIVERSITY OF MIAMI                                  | 5 R01 CA200987-04                                         |                                         | \$126,452            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 R01 CA218526-03               | CEDARS-SINAI MEDICAL CENTER                          | 5 R01 CA218526-03                                         |                                         | \$329,514            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U01 CA214182-03               | BOSTON UNIVERSITY                                    | 5 U01 CA214182-03                                         |                                         | \$6,933              | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U24 CA0866368-19              | FRED HUTCHINSON CANCER RESEARCH CENTER               | 5 U24 CA0866368-19                                        | \$93,893                                | \$194,928            | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CANCER DETECTION AND DIAGNOSIS RESEARCH | 93.394                    | 5 U24 CA184407-06               | BOSTON CHILDREN'S HOSPITAL                           | 5 U24 CA184407-06                                         |                                         | \$19,247             | \$6,073,807           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i> | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 R01 CA213201-01A1                    |                                           |                                                                  | \$95,473                                       | \$318,202                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 U01 CA253560-01                      |                                           |                                                                  |                                                | \$8,976                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R00 CA181491-04                      |                                           |                                                                  |                                                | \$2,401                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA166492-06                      |                                           |                                                                  |                                                | \$3,657                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA227481-02                      |                                           |                                                                  | \$8,758                                        | \$489,415                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R21 CA208631-02                      |                                           |                                                                  |                                                | \$20                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R21 CA226562-02                      |                                           |                                                                  |                                                | \$99,912                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UG1 CA233270-01                      |                                           |                                                                  |                                                | \$336,503                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UG1 CA233270-02                      |                                           |                                                                  |                                                | \$136,229                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 R01 CA224241-01A1                    | VANDERBILT UNIVERSITY                     | 1 R01 CA224241-01A1                                              |                                                | \$256,135                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 R01 CA238553-01                      | VANDERBILT UNIVERSITY                     | 1 R01 CA238553-01                                                |                                                | \$3,606                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 R01 CA243326-01A1                    | VANDERBILT UNIVERSITY                     | 1 R01 CA243326-01A1                                              |                                                | \$16,057                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 R37 CA223770-01                      | VANDERBILT UNIVERSITY                     | 1 R37 CA223770-01                                                |                                                | \$2,525                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 U01 CA236229-01                      | FRED HUTCHINSON CANCER RESEARCH CENTER    | 1 U01 CA236229-01                                                |                                                | \$3,150                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 UG1 CA189955-01                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 1 UG1 CA189955-01                                                |                                                | -\$3,252                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 1 UG1 CA233259-01                      | EMORY UNIVERSITY                          | 1 UG1 CA233259-01                                                |                                                | \$64,832                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 P01 CA129243-11                      | MEMORIAL SLOAN-KETTERING CANCER CENTER    | 2 P01 CA129243-11                                                |                                                | \$16,987                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180820-06                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 2 U10 CA180820-06                                                |                                                | \$13,336                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180820-06                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 2 U10 CA180820-06                                                |                                                | \$18,421                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180820-07                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 2 U10 CA180820-07                                                |                                                | \$6,299                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180868-06                      | NRG ONCOLOGY FOUNDATION                   | 2 U10 CA180868-06                                                |                                                | \$7,477                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180886-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 2 U10 CA180886-06                                                |                                                | \$37,308                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180886-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 2 U10 CA180886-06                                                |                                                | \$48,938                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180886-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 2 U10 CA180886-06                                                |                                                | \$12,934                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180886-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 2 U10 CA180886-06                                                |                                                | \$10,653                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180886-07                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 2 U10 CA180886-07                                                |                                                | \$5,664                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 2 U10 CA180888-06                      | SOUTHWEST ONCOLOGY GROUP                  | 2 U10 CA180888-06                                                |                                                | \$15,351                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 4 R00 CA218892-02                      | UNIVERSITY OF HAWAII                      | 4 R00 CA218892-02                                                |                                                | \$101,041                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 4 R42 CA171552-02                      | AADI, LLC                                 | 4 R42 CA171552-02                                                |                                                | -\$409                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 P01 CA129243-12                      | MEMORIAL SLOAN-KETTERING CANCER CENTER    | 5 P01 CA129243-12                                                |                                                | \$125,928                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA116021-14                      | VANDERBILT UNIVERSITY                     | 5 R01 CA116021-14                                                |                                                | \$17,416                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA116021-15                      | VANDERBILT UNIVERSITY                     | 5 R01 CA116021-15                                                |                                                | \$20,506                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA181050-02                      | CHILDREN'S HOSPITAL LOS ANGELES           | 5 R01 CA181050-02                                                |                                                | \$8,631                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA189163-04                      | JOHN WAYNE CANCER INSTITUTE               | 5 R01 CA189163-04                                                |                                                | \$148                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA196854-04                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 5 R01 CA196854-04                                                |                                                | -\$1,560                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 R01 CA214043-03                      | VANDERBILT UNIVERSITY                     | 5 R01 CA214043-03                                                |                                                | \$62,731                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA018082-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA018082-05                                                |                                                | -\$1,514                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | -\$2,160                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$2,331                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$3,070                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$19,475                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$13,863                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$7,291                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i> | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$278                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$855                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | -\$9,843                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$1,145                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180820-05                      | EASTERN COOPERATIVE ONCOLOGY GROUP        | 5 U10 CA180820-05                                                |                                                | \$743                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 U10 CA180888-06                      | OREGON HEALTH & SCIENCE UNIVERSITY        | 5 U10 CA180888-06                                                |                                                | \$15,137                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UG1 CA189867-04                      | NRG ONCOLOGY FOUNDATION                   | 5 UG1 CA189867-04                                                |                                                | \$2,813                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UG1 CA189955-05                      | CHILDRENS HOSPITAL OF PHILADELPHIA        | 5 UG1 CA189955-05                                                |                                                | \$2,148                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UG1 CA233259-02                      | EMORY UNIVERSITY                          | 5 UG1 CA233259-02                                                |                                                | \$25,534                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UM1 CA186689-04                      | YALE UNIVERSITY                           | 5 UM1 CA186689-04                                                |                                                | \$95                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 5 UM1 CA186689-05                      | YALE UNIVERSITY                           | 5 UM1 CA186689-05                                                |                                                | \$120,243                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | 9 R44 CA228756-02                      | CUMBERLAND PHARMACEUTICALS, INC.          | 9 R44 CA228756-02                                                |                                                | \$273,678                   | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN NRG NEUCC001                 | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN NRG NEUCC001                                           |                                                | \$4,538                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN NRG NEUR0631                 | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN NRG NEUR0631                                           |                                                | \$9,344                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:BRE E4112                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:BRE E4112                                              |                                                | -\$632                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:BRE EA1131                   | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:BRE EA1131                                             |                                                | \$215                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:BRE EA1141                   | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:BRE EA1141                                             |                                                | -\$336                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:BRE R1304                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:BRE R1304                                              |                                                | \$911                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:BRE S1418                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:BRE S1418                                              |                                                | -\$1,271                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:GI S1505                     | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:GI S1505                                               |                                                | -\$43                       | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:GI S1513                     | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:GI S1513                                               |                                                | \$1,335                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:GYN GY005                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:GYN GY005                                              |                                                | \$15,928                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:GYN GY008                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:GYN GY008                                              |                                                | -\$1,648                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:HEM E4412                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:HEM E4412                                              |                                                | -\$863                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:HEM EAI141                   | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:HEM EAI141                                             |                                                | \$3,000                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:MD EAY131                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:MD EAY131                                              |                                                | \$2,589                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:MEL E1697                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:MEL E1697                                              |                                                | \$10                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:MEL S1404                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:MEL S1404                                              |                                                | \$10                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:NRG THOCC003                 | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:NRG THOCC003                                           |                                                | \$2,453                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:NRG-GI002                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:NRG-GI002                                              |                                                | \$5,630                     | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:THO A081105                  | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:THO A081105                                            |                                                | -\$283                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:THO E4512                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:THO E4512                                              |                                                | -\$874                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i> | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:THO EA5142                   | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:THO EA5142                                             |                                                | -\$161                      | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:THO S1403                    | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:THO S1403                                              |                                                | -\$1,229                    | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG/NCTN:URO EA8143                   | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG/NCTN:URO EA8143                                             |                                                | \$62                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER TREATMENT RESEARCH                    | 93.395                           | ECOG: HEM E1906                        | EASTERN COOPERATIVE ONCOLOGY GROUP        | ECOG: HEM E1906                                                  |                                                | \$12                        | \$2,780,047                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA222594-02                      |                                           |                                                                  | \$374,092                                      | \$6,483,190                 |                              | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA235016-01A1                    |                                           |                                                                  | \$26,353                                       | \$447,510                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA249424-01                      |                                           |                                                                  |                                                | \$100,736                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA250051-01                      |                                           |                                                                  |                                                | \$61,933                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R13 CA243567-01                      |                                           |                                                                  |                                                | \$6,361                     | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 UG3 CA241685-01                      |                                           |                                                                  | \$113,488                                      | \$459,555                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R00 CA194198-04                      |                                           |                                                                  |                                                | \$71,295                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA095004-15                      |                                           |                                                                  |                                                | \$123,614                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA177681-06                      |                                           |                                                                  |                                                | \$128,239                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA193219-06                      |                                           |                                                                  |                                                | \$360,726                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA200681-04                      |                                           |                                                                  |                                                | \$365,840                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA217987-03                      |                                           |                                                                  | \$28,136                                       | \$499,143                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R01 CA227833-02                      |                                           |                                                                  |                                                | \$120,310                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R35 CA197570-03                      |                                           |                                                                  |                                                | \$555,724                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 R35 CA197570-04                      |                                           |                                                                  |                                                | \$236,353                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U01 CA196405-05                      |                                           |                                                                  | \$189,031                                      | \$373,934                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U01 CA196405-06                      |                                           |                                                                  | \$125,592                                      | \$768,002                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U01 CA196405-06                      |                                           |                                                                  |                                                | \$9,490                     | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U19 CA179514-06                      |                                           |                                                                  | \$10,258                                       | \$10,872                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA163056-09                      |                                           |                                                                  |                                                | \$262,632                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA163056-10                      |                                           |                                                                  |                                                | \$117,081                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 7 R01 CA211695-04                      |                                           |                                                                  |                                                | \$280,394                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 P01 CA229123-01A1                    | VANDERBILT UNIVERSITY                     | 1 P01 CA229123-01A1                                              |                                                | \$159,355                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA226833-01A1                    | VANDERBILT UNIVERSITY                     | 1 R01 CA226833-01A1                                              |                                                | \$39,591                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA226833-02                      | VANDERBILT UNIVERSITY                     | 1 R01 CA226833-02                                                |                                                | \$21,878                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R01 CA234557-01A1                    | CEDARS-SINAI MEDICAL CENTER               | 1 R01 CA234557-01A1                                              |                                                | \$1,984                     | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 R21 CA210210-02                      | UNIVERSITY OF KANSAS                      | 1 R21 CA210210-02                                                |                                                | \$42,693                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 1 U01 CA233581-01                      | UNIVERSITY OF ALABAMA AT BIRMINGHAM       | 1 U01 CA233581-01                                                |                                                | \$40,206                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U01 CA202229-03                      | VANDERBILT UNIVERSITY                     | 5 U01 CA202229-03                                                |                                                | \$10,315                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U01 CA233581-02                      | UNIVERSITY OF ALABAMA AT BIRMINGHAM       | 5 U01 CA233581-02                                                |                                                | \$51,258                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA194215-03                      | TEXAS HEALTH SCIENCE HOUSTON              | 5 U24 CA194215-03                                                |                                                | \$135,447                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA194215-04                      | TEXAS HEALTH SCIENCE HOUSTON              | 5 U24 CA194215-04                                                |                                                | \$124,673                   | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA213274-03                      | MEMORIAL SLOAN-KETTERING CANCER CENTER    | 5 U24 CA213274-03                                                |                                                | \$53,370                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | 5 U24 CA213274-04                      | MEMORIAL SLOAN-KETTERING CANCER CENTER    | 5 U24 CA213274-04                                                |                                                | \$24,544                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER BIOLOGY RESEARCH                      | 93.396                           | HHSN261200800001E                      | LEIDOS BIOMEDICAL RESEARCH, INC.          | HHSN261200800001E                                                |                                                | \$44,040                    | \$6,483,190                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 1 P50 CA236733-01                      |                                           |                                                                  | \$82,412                                       | \$1,713,176                 | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 2 P50 CA098131-17A1                    |                                           |                                                                  | \$1,047                                        | \$1,242,310                 | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P20 CA210300-02                      |                                           |                                                                  | \$24,500                                       | \$41,744                    | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P30 CA068485-22                      |                                           |                                                                  |                                                | \$4,502                     | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P30 CA068485-23                      |                                           |                                                                  | \$796,458                                      | \$1,767,074                 | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P30 CA068485-24                      |                                           |                                                                  | \$642,317                                      | \$4,953,615                 | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P50 CA098131-16                      |                                           |                                                                  | \$80,372                                       | \$216,807                   | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P50 CA236733-02                      |                                           |                                                                  |                                                | \$107,530                   | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 P50 CA98131-15                       |                                           |                                                                  | -\$9,349                                       | -\$9,349                    | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                | 93.397                           | 5 U54 CA163072-09                      |                                           |                                                                  | \$265,214                                      | \$528,312                   | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                          | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                     | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 5 U54 CA163072-10                      |                                                               |                                                                  | \$68,990                                       | \$569,544                   | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 2 P50 CA150964-07                      | CASE WESTERN RESERVE UNIVERSITY                               | 2 P50 CA150964-07                                                |                                                | \$732                       | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 3 P30 CA016086-4353                    | UNIVERSITY OF NORTH CAROLINA                                  | 3 P30 CA016086-4353                                              |                                                | \$5,280                     | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 5 U54 CA217450-02                      | VANDERBILT UNIVERSITY                                         | 5 U54 CA217450-02                                                |                                                | \$1,339                     | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 5 U54 CA217450-02                      | VANDERBILT UNIVERSITY                                         | 5 U54 CA217450-02                                                |                                                | \$171,498                   | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CENTERS SUPPORT GRANTS                                                         | 93.397                           | 5 U54 CA217450-03                      | VANDERBILT UNIVERSITY                                         | 5 U54 CA217450-03                                                |                                                | \$45,394                    | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 CANCER CENTERS SUPPORT GRANTS                                                | 93.397                           | COVID-19 5 P30 CA068485-24             |                                                               |                                                                  |                                                | \$18,896                    | \$11,378,404                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 1 F32 CA236309-01                      |                                                               |                                                                  |                                                | \$33,479                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 1 K08 CA241351-01A1                    |                                                               |                                                                  |                                                | \$27,974                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 1 T32 CA217834-01A1                    |                                                               |                                                                  |                                                | \$19,103                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 4 K00 CA234920-03                      |                                                               |                                                                  |                                                | \$64,235                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 F32 CA224962-02                      |                                                               |                                                                  |                                                | \$24                        | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 F32 CA236309-02                      |                                                               |                                                                  |                                                | \$43,454                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K07 CA218247-03                      |                                                               |                                                                  |                                                | \$149,528                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K07 CA225404-03                      |                                                               |                                                                  |                                                | \$144,796                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K12 CA090625-19                      |                                                               |                                                                  |                                                | -\$836                      | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K12 CA090625-20                      |                                                               |                                                                  |                                                | \$1,213,792                 | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K23 CA204726-03                      |                                                               |                                                                  |                                                | \$162,114                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K25 CA176219-06                      |                                                               |                                                                  |                                                | \$74,683                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K99 CA215360-02                      |                                                               |                                                                  |                                                | \$57,745                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 K99 CA230205-02                      |                                                               |                                                                  |                                                | \$119,055                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA106183-15                      |                                                               |                                                                  |                                                | -\$462                      | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA106183-16                      |                                                               |                                                                  |                                                | \$242,703                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA160056-08                      |                                                               |                                                                  |                                                | \$60,899                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA160056-09                      |                                                               |                                                                  |                                                | \$324,355                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA217834-02                      |                                                               |                                                                  |                                                | \$218,778                   | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA009582-31                      | VANDERBILT UNIVERSITY                                         | 2 T32 CA009582-31                                                |                                                | \$38,504                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA009582-31                      | VANDERBILT UNIVERSITY                                         | 2 T32 CA009582-31                                                |                                                | -\$295                      | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA009592-31A1                    | VANDERBILT UNIVERSITY                                         | 2 T32 CA009592-31A1                                              |                                                | \$11,390                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA119925-11                      | VANDERBILT UNIVERSITY                                         | 2 T32 CA119925-11                                                |                                                | \$22,637                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA119925-11                      | VANDERBILT UNIVERSITY                                         | 2 T32 CA119925-11                                                |                                                | \$77,410                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 2 T32 CA119925-11                      | VANDERBILT UNIVERSITY                                         | 2 T32 CA119925-11                                                |                                                | \$9,076                     | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA009582-32                      | VANDERBILT UNIVERSITY                                         | 5 T32 CA009582-32                                                |                                                | \$3,575                     | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA119925-12                      | VANDERBILT UNIVERSITY                                         | 5 T32 CA119925-12                                                |                                                | \$32,826                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER RESEARCH MANPOWER                                                              | 93.398                           | 5 T32 CA119925-12                      | VANDERBILT UNIVERSITY                                         | 5 T32 CA119925-12                                                |                                                | \$38,710                    | \$3,189,252                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CONTROL                                                                        | 93.399                           | 2 UG1 CA189955-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA                            | 2 UG1 CA189955-06                                                |                                                | \$24,023                    | \$26,243                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CANCER CONTROL                                                                        | 93.399                           | 2 UG1 CA189955-06                      | CHILDRENS HOSPITAL OF PHILADELPHIA                            | 2 UG1 CA189955-06                                                |                                                | \$2,220                     | \$26,243                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH | 93.433                           | 90IFRE0001-01-00                       | VANDERBILT UNIVERSITY                                         | 90IFRE0001-01-00                                                 |                                                | \$2,430                     | \$2,430                      | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 TESTING FOR THE UNINSURED                                                    | 93.461                           | COVID-19 HRSA COVID UNINSURED          |                                                               |                                                                  |                                                | \$1,543,288                 | \$1,543,288                  | N/A                      | \$0                  |
| ALZHEIMER'S DISEASE PROGRAM INITIATIVE                                                | 93.470                           | 65462:ST TN                            | STATE OF TENNESSEE COMMISSION ON AGING AND DISABILITY         | 65462:ST TN                                                      |                                                | \$17,794                    | \$17,794                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PREVENTING MATERNAL DEATHS: SUPPORTING MATERNAL MORTALITY REVIEW COMMITTEES (B)       | 93.478                           | 65563:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 65563:ST TN                                                      |                                                | \$26,982                    | \$26,982                     | N/A                      | \$0                  |
| ACA - STATE INNOVATION MODELS: FUNDING FOR MODEL DESIGN AND MODEL TESTING ASSISTANCE  | 93.624                           | 60138:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 60138:ST TN                                                      |                                                | \$83,667                    | \$83,667                     | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS                          | 93.630                           | 58369:ST TN                            | TN DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT           | 58369:ST TN                                                      |                                                | -\$3,720                    | \$142,663                    | N/A                      | \$0                  |
| DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS                          | 93.630                           | 60173:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 60173:ST TN                                                      |                                                | \$63                        | \$142,663                    | N/A                      | \$0                  |
| ADMINISTRATION FOR COMMUNITY LIVING (ACL), HEALTH AND HUMAN SERVICES, DEPARTMENT OF   | 93.630                           | 60176:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 60176:ST TN                                                      |                                                | -\$2,193                    | \$142,663                    | N/A                      | \$0                  |
| DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS                          | 93.630                           | 62942:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 62942:ST TN                                                      |                                                | \$148,513                   | \$142,663                    | N/A                      | \$0                  |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                                   | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                     | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE                                                   | 93.631                           | 90DNHC0001-01-00                       | CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER                 | 90DNHC0001-01-00                                                 |                                                | \$22,880                    | \$22,880                     | N/A                      | \$0                  |
| UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE               | 93.632                           | 90 DD000825-03-00                      |                                                               |                                                                  | \$19,823                                       | \$20,586                    | \$472,479                    | N/A                      | \$0                  |
| UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE               | 93.632                           | 90 DD000825-04-00                      |                                                               |                                                                  | \$54,917                                       | \$451,893                   | \$472,479                    | N/A                      | \$0                  |
| ACA-TRANSFORMING CLINICAL PRACTICE INITIATIVE: PRACTICE TRANSFORMATION NETWORKS (PTNS)                         | 93.638                           | 1 L1 CMS331549-03-00                   |                                                               |                                                                  | \$282,928                                      | \$2,974,744                 | \$2,974,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| FOSTER CARE_TITLE IV-E                                                                                         | 93.658                           | 56787:ST TN                            | TN DEPARTMENT OF CHILDREN'S SERVICES                          | 56787:ST TN                                                      |                                                | \$45,411                    | \$138,961                    | N/A                      | \$0                  |
| FOSTER CARE_TITLE IV-E                                                                                         | 93.658                           | 60895:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 60895:ST TN                                                      |                                                | \$93,550                    | \$138,961                    | N/A                      | \$0                  |
| MATERNAL OPIOID MISUSE MODEL (A)                                                                               | 93.687                           | 31865-00907:ST TN                      | TN BUREAU OF TENNCARE                                         | 31865-00907:ST TN                                                |                                                | \$178,525                   | \$178,525                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FUNDED SOLELY WITH PREVENTION AND PUBLIC HEALTH FUNDS (PPHF) | 93.758                           | 59366:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 59366:ST TN                                                      |                                                | \$369,852                   | \$369,852                    | N/A                      | \$0                  |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 46264:ST TN                            | TN BUREAU OF TENNCARE                                         | 46264:ST TN                                                      |                                                | \$1,135,916                 | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 52379:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 52379:ST TN                                                      |                                                | \$330,815                   | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 53068:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 53068:ST TN                                                      | -\$2,877                                       | \$2,773,225                 | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 54867:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 54867:ST TN                                                      | -\$36,141                                      | \$30,654                    | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 54867:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 54867:ST TN                                                      | \$9,553                                        | \$536,338                   | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | 61290:ST TN                            | TN BUREAU OF TENNCARE                                         | 61290:ST TN                                                      |                                                | \$9,861                     | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| MEDICAL ASSISTANCE PROGRAM                                                                                     | 93.778                           | CDC-BCBS                               | BLUECROSS BLUESHIELD OF TENNESSEE HEALTH FOUNDATION, INC.     | CDC-BCBS                                                         |                                                | \$589,173                   | \$5,405,982                  | MEDICAID CLUSTER         | \$5,405,982          |
| OPIOID STR                                                                                                     | 93.788                           | 62292:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 62292:ST TN                                                      |                                                | \$146,719                   | \$714,678                    | N/A                      | \$0                  |
| OPIOID STR                                                                                                     | 93.788                           | 65038:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 65038:ST TN                                                      |                                                | \$544,140                   | \$714,678                    | N/A                      | \$0                  |
| OPIOID STR                                                                                                     | 93.788                           | 65428:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 65428:ST TN                                                      |                                                | \$23,819                    | \$714,678                    | N/A                      | \$0                  |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 DP2 HL137166-01                      |                                                               |                                                                  | \$11,369                                       | \$616,048                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 DP2 HL152426-01                      |                                                               |                                                                  |                                                | \$241,828                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 F32 HL140849-01                      |                                                               |                                                                  |                                                | \$1,279                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 F32 HL143927-01A1                    |                                                               |                                                                  |                                                | \$52,184                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 F32 HL144048-01                      |                                                               |                                                                  |                                                | \$11,240                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 F32 HL144050-01A1                    |                                                               |                                                                  |                                                | \$64,037                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 F32 HL144081-01                      |                                                               |                                                                  |                                                | \$4,641                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 K08 HL145075-01                      |                                                               |                                                                  |                                                | \$145,461                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 K23 HL148640-01A1                    |                                                               |                                                                  |                                                | \$19,236                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R00 HL135442-04                      |                                                               |                                                                  | \$30,020                                       | \$218,185                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL140074-01:03                   |                                                               |                                                                  |                                                | \$434,831                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL142583-01                      |                                                               |                                                                  |                                                | \$76,134                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL142583-01A1                    |                                                               |                                                                  |                                                | \$385,944                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL142856-02                      |                                                               |                                                                  |                                                | \$476,711                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL144568-01A1                    |                                                               |                                                                  |                                                | \$123,345                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL145293-01A1                    |                                                               |                                                                  |                                                | \$115,229                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL146401-01                      |                                                               |                                                                  |                                                | \$484,871                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL146654-01A1                    |                                                               |                                                                  |                                                | \$89,516                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL148244-01                      |                                                               |                                                                  |                                                | \$321,156                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL148661-01                      |                                                               |                                                                  | \$30,791                                       | \$263,842                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL149826-01                      |                                                               |                                                                  |                                                | \$207,963                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL149948-01                      |                                                               |                                                                  |                                                | \$88,184                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R01 HL151523-01                      |                                                               |                                                                  |                                                | \$86,688                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R21 HL140382-01A1                    |                                                               |                                                                  |                                                | \$90,869                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R35 HL144980-01                      |                                                               |                                                                  |                                                | \$610,343                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH                                                                               | 93.837                           | 1 R56 HL141248-01                      |                                                               |                                                                  | \$19,500                                       | \$404,867                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total            |               |
|---------------------------------------|---------------------------|---------------------------------|------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|--------------------------|---------------|
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 1 R56 HL141466-01               |                                    |                                                           |                                         | \$138,042            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 2 R56 HL081707-12A1             |                                    |                                                           |                                         | \$343,990            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL137385-02               |                                    |                                                           |                                         | \$10,221             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL137385-03               |                                    |                                                           |                                         | \$14,283             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL137394-02               |                                    |                                                           |                                         | \$2,224              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL140849-02               |                                    |                                                           |                                         | \$71,218             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL143927-02               |                                    |                                                           |                                         | \$13,297             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL144048-02               |                                    |                                                           |                                         | \$58,010             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 F32 HL144081-02               |                                    |                                                           |                                         | \$52,957             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K01 HL130497-06               |                                    |                                                           |                                         | \$124,643            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K01 HL135461-03               |                                    |                                                           |                                         | \$159,247            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K01 HL140278-03               |                                    |                                                           |                                         | \$171,963            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K08 HL121671-06               |                                    |                                                           |                                         | \$11,048             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K12 HL133117-04               |                                    |                                                           | \$31,352                                | \$703,612            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K23 HL127104-04               |                                    |                                                           |                                         | \$182,348            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K23 HL127130-04               |                                    |                                                           |                                         | \$78,249             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K23 HL127704-05               |                                    |                                                           |                                         | \$92,761             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K23 HL128928-04               |                                    |                                                           |                                         | \$168,974            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 K23 HL133477-03               |                                    |                                                           |                                         | \$141,602            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 P01 HL116263-05               |                                    |                                                           | \$74,104                                | \$83,320             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 P01 HL128203-03               |                                    |                                                           | \$387,981                               | \$420,300            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 P01 HL128203-04               |                                    |                                                           | \$1,484,533                             | \$2,153,934          | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 P01 HL129941-03               |                                    |                                                           | \$459,718                               | \$503,714            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 P01 HL129941-04               |                                    |                                                           | \$524,875                               | \$1,708,801          | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL070715-15               |                                    |                                                           |                                         | \$529,707            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL094786-07               |                                    |                                                           | \$53,990                                | \$53,990             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL094786-08               |                                    |                                                           | \$274,687                               | \$605,060            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL121139-05               |                                    |                                                           |                                         | \$49,275             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL122847-05               |                                    |                                                           |                                         | \$7,385              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL124116-04               |                                    |                                                           |                                         | \$46,739             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL124935-06               |                                    |                                                           |                                         | \$179,107            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL125032-05               |                                    |                                                           | \$11,932                                | \$11,932             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL125426-06               |                                    |                                                           | \$27,340                                | \$305,646            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL127173-05               |                                    |                                                           |                                         | \$333,061            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL128386-04               |                                    |                                                           |                                         | \$604,236            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL128983-03               |                                    |                                                           |                                         | -\$1,450             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL128983-04               |                                    |                                                           |                                         | \$599,845            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL128996-05               |                                    |                                                           |                                         | \$359,249            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL131977-03               |                                    |                                                           | \$45,697                                | \$45,697             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL131977-04               |                                    |                                                           | \$166,281                               | \$439,039            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133127-02               |                                    |                                                           | \$4,774                                 | \$363,685            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133290-03               |                                    |                                                           |                                         | \$26,671             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133786-04               |                                    |                                                           |                                         | \$8,552              | \$358,305             | \$27,014,205             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133860-03               |                                    |                                                           | \$74,817                                | \$74,817             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133860-04               |                                    |                                                           | \$138,381                               | \$458,819            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL134895-03               |                                    |                                                           |                                         | \$313,391            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL135011-03               |                                    |                                                           |                                         | \$409,042            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL138519-02               |                                    |                                                           |                                         | \$453,056            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL140145-02               |                                    |                                                           |                                         | \$172,868            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL140145-03               |                                    |                                                           |                                         | \$209,704            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL141466-02               |                                    |                                                           |                                         | \$634,082            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL144846-02               |                                    |                                                           | \$15,816                                | \$335,809            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL144943-02               |                                    |                                                           | \$23,059                                | \$247,334            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL146524-02               |                                    |                                                           |                                         | \$465,697            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL149386-02               |                                    |                                                           |                                         | \$508,677            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL149386-02               |                                    |                                                           |                                         | \$171,359            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R03 HL135453-02               |                                    |                                                           | \$5,074                                 | \$18,465             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i> | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|----------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R21 HL132805-02                      |                                           |                                                                  |                                                | \$58,466                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R21 HL140375-02                      |                                           |                                                                  |                                                | \$98,920                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R25 HL096223-09                      |                                           |                                                                  | -\$507                                         | \$0                         | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R25 HL096223-10                      |                                           |                                                                  | \$5,606                                        | \$24,058                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R25 HL096223-11                      |                                           |                                                                  |                                                | \$14,197                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R35 HL140016-02                      |                                           |                                                                  | \$58,871                                       | \$266,672                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R35 HL140016-03                      |                                           |                                                                  | \$5,917                                        | \$394,308                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R35 HL144980-02                      |                                           |                                                                  |                                                | \$217,564                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 T32 HL105334-08                      |                                           |                                                                  |                                                | \$3,354                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 T32 HL105334-09                      |                                           |                                                                  |                                                | \$446,060                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 U01 HL131911-05                      |                                           |                                                                  |                                                | \$730,612                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 6 P01 HL056693-20                      |                                           |                                                                  |                                                | -\$3,418                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 OT3 HL142481-01                      | UNIVERSITY OF CALIFORNIA, SANTA CRUZ      | 1 OT3 HL142481-01                                                |                                                | \$78,041                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 OT3 HL142481-01                      | UNIVERSITY OF CALIFORNIA, SANTA CRUZ      | 1 OT3 HL142481-01                                                |                                                | \$17,878                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R01 HL146134-01                      | BOSTON CHILDREN'S HOSPITAL                | 1 R01 HL146134-01                                                |                                                | \$45,938                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R01 HL148137-01                      | HARVARD UNIVERSITY                        | 1 R01 HL148137-01                                                |                                                | \$75,033                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R01 HL151223-01                      | VANDERBILT UNIVERSITY                     | 1 R01 HL151223-01                                                |                                                | \$12,551                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R03 HL144668-01                      | UNIVERSITY OF PITTSBURGH                  | 1 R03 HL144668-01                                                |                                                | \$26,629                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R21 HL140443-01A1                    | BOSTON CHILDREN'S HOSPITAL                | 1 R21 HL140443-01A1                                              |                                                | \$2,627                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R21 HL140443-02                      | BOSTON CHILDREN'S HOSPITAL                | 1 R21 HL140443-02                                                |                                                | \$24,642                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R21 HL145420-01                      | BRIGHAM AND WOMEN'S HOSPITAL              | 1 R21 HL145420-01                                                |                                                | \$10,245                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R44 HL132746-01A1                    | THERMEDICAL, INC.                         | 1 R44 HL132746-01A1                                              |                                                | \$22,297                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 R56 HL136517-01                      | UNIVERSITY OF PITTSBURGH                  | 1 R56 HL136517-01                                                |                                                | \$876                       | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 T32 HL144446-01                      | VANDERBILT UNIVERSITY                     | 1 T32 HL144446-01                                                |                                                | \$57,500                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 T32 HL144446-01                      | VANDERBILT UNIVERSITY                     | 1 T32 HL144446-01                                                |                                                | \$61,685                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 T32 HL144446-01                      | VANDERBILT UNIVERSITY                     | 1 T32 HL144446-01                                                |                                                | \$2,982                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 T32 HL144446-02                      | VANDERBILT UNIVERSITY                     | 1 T32 HL144446-02                                                |                                                | \$1,592                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 U01 HL069294-01                      | UNIVERSITY OF MICHIGAN                    | 1 U01 HL069294-01                                                |                                                | -\$5,154                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 U01 HL105907-01                      | NEW YORK UNIVERSITY                       | 1 U01 HL105907-01                                                |                                                | \$148                       | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 1 U01 HL123336-01                      | BRIGHAM AND WOMEN'S HOSPITAL              | 1 U01 HL123336-01                                                |                                                | \$73,729                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 2 K24 HL112827-06                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 2 K24 HL112827-06                                                | \$3,361                                        | \$49,570                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 2 R25 HL105446-09                      | STATE UNIVERSITY OF NEW YORK (SUNY)       | 2 R25 HL105446-09                                                |                                                | \$4,755                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 3 R01 HL135114-02S1                    | JOHNS HOPKINS UNIVERSITY                  | 3 R01 HL135114-02S1                                              |                                                | \$15,993                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 4 R24 HL105333-05                      | CINCINNATI CHILDREN'S HOSPITAL            | 4 R24 HL105333-05                                                |                                                | -\$9,433                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 4 R44 HL140669-02                      | MEDICAL CENTER                            | 4 R44 HL140669-02                                                |                                                | \$127,193                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 4 U01 HL117904-06                      | VOLUMETRIX LLC                            | 4 U01 HL117904-06                                                |                                                | \$25,841                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 4 U10 HL068270-15                      | DUKE UNIVERSITY                           | 4 U10 HL068270-15                                                |                                                | \$8,426                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 4 U10 HL068270-15                      | NEW ENGLAND RESEARCH INSTITUTES           | 4 U10 HL068270-15                                                |                                                | \$34,056                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 K01 HL124391-05                      | NEW ENGLAND RESEARCH INSTITUTES           | 4 U10 HL068270-15                                                |                                                | \$34,056                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 K01 HL124391-05                      | BRIGHAM AND WOMEN'S HOSPITAL              | 5 K01 HL124391-05                                                |                                                | \$34,367                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 K01 HL142848-02                      | UNIVERSITY OF ARIZONA                     | 5 K01 HL142848-02                                                |                                                | \$1,066                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 P50 HL112349-05                      | BRIGHAM AND WOMEN'S HOSPITAL              | 5 P50 HL112349-05                                                |                                                | \$8,318                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL11821-08                       | MASSACHUSETTS GENERAL HOSPITAL            | 5 R01 HL11821-08                                                 |                                                | \$158,616                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL122347-04                      | VANDERBILT UNIVERSITY                     | 5 R01 HL122347-04                                                |                                                | \$25,788                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL123968-06                      | STANFORD UNIVERSITY                       | 5 R01 HL123968-06                                                |                                                | \$9,826                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL123968-07                      | STANFORD UNIVERSITY                       | 5 R01 HL123968-07                                                |                                                | \$5,667                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL126557-04                      | INDIANA UNIVERSITY-PURDUE                 | 5 R01 HL126557-04                                                |                                                | \$3,546                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL128393-03                      | UNIVERSITY INDIANAPOLIS                   | 5 R01 HL128393-03                                                |                                                | \$127,310                   | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL129856-04                      | UNIVERSITY OF OKLAHOMA                    | 5 R01 HL128393-03                                                |                                                |                             |                              |                          |                      |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL129856-04                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 5 R01 HL129856-04                                                |                                                | \$94,628                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL130502-04                      | NORTHWESTERN UNIVERSITY                   | 5 R01 HL130502-04                                                |                                                | \$31,279                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL130502-05                      | NORTHWESTERN UNIVERSITY                   | 5 R01 HL130502-05                                                |                                                | \$9,179                     | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL130828-03                      | NORTHWESTERN UNIVERSITY                   | 5 R01 HL130828-03                                                |                                                | \$18,717                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL130828-04                      | DARTMOUTH COLLEGE                         | 5 R01 HL130828-03                                                |                                                | \$93,431                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL132320-04                      | DARTMOUTH COLLEGE                         | 5 R01 HL130828-04                                                |                                                | \$19,625                    | \$27,014,205                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CARDIOVASCULAR DISEASES RESEARCH             | 93.837                           | 5 R01 HL132320-04                      | HARVARD UNIVERSITY                        | 5 R01 HL132320-04                                                |                                                |                             |                              |                          |                      |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity  | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|---------------------------------------|---------------------------|---------------------------------|-------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133790-03               | TULANE UNIVERSITY                   | 5 R01 HL133790-03                                         |                                         | \$2,795              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133790-04               | TULANE UNIVERSITY                   | 5 R01 HL133790-04                                         |                                         | \$197                | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL134731-03               | UNIVERSITY OF KENTUCKY              | 5 R01 HL134731-03                                         |                                         | \$54,474             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL134731-04               | UNIVERSITY OF KENTUCKY              | 5 R01 HL134731-04                                         |                                         | \$44,798             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL134905-03               | UNIVERSITY OF PENNSYLVANIA          | 5 R01 HL134905-03                                         |                                         | \$18,692             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL134905-04               | UNIVERSITY OF PENNSYLVANIA          | 5 R01 HL134905-04                                         |                                         | \$14,267             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL136679-02               | UNIVERSITY OF MINNESOTA             | 5 R01 HL136679-02                                         |                                         | \$12,851             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL141851-02               | STANFORD UNIVERSITY                 | 5 R01 HL141851-02                                         |                                         | \$10,360             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL142302-03               | UNIVERSITY OF NORTH CAROLINA        | 5 R01 HL142302-03                                         |                                         | \$271,984            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL146134-02               | BOSTON CHILDREN'S HOSPITAL          | 5 R01 HL146134-02                                         |                                         | \$46,000             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL147818-22               | UNIVERSITY OF PITTSBURGH            | 5 R01 HL147818-22                                         |                                         | \$45,906             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R21 HL145420-02               | BRIGHAM AND WOMEN'S HOSPITAL        | 5 R21 HL145420-02                                         |                                         | \$7,872              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R34 HL136986-02               | INDIANA UNIVERSITY                  | 5 R34 HL136986-02                                         |                                         | \$16,589             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL111821-09               | MASSACHUSETTS GENERAL HOSPITAL      | 5 R01 HL111821-09                                         |                                         | \$16,213             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-38               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-38                                         |                                         | -\$15,731            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-39               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-39                                         |                                         | \$59,021             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-39               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-39                                         |                                         | \$54,756             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-39               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-39                                         |                                         | \$18,698             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-39               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-39                                         |                                         | \$56,911             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 T32 HL007411-39               | VANDERBILT UNIVERSITY               | 5 T32 HL007411-39                                         |                                         | \$9,480              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL105462-07               | DUKE UNIVERSITY                     | 5 U01 HL105462-07                                         |                                         | \$42,813             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL120338-05               | UNIVERSITY OF ALABAMA AT BIRMINGHAM | 5 U01 HL120338-05                                         |                                         | -\$118               | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL120338-06               | UNIVERSITY OF ALABAMA AT BIRMINGHAM | 5 U01 HL120338-06                                         |                                         | \$2,140              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL130163-02               | BRIGHAM AND WOMEN'S HOSPITAL        | 5 U01 HL130163-02                                         |                                         | -\$83,149            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL130163-04               | BRIGHAM AND WOMEN'S HOSPITAL        | 5 U01 HL130163-04                                         |                                         | \$2,674              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U01 HL130163-04               | BRIGHAM AND WOMEN'S HOSPITAL        | 5 U01 HL130163-04                                         |                                         | \$8,361              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U10 HL084904-12               | DUKE UNIVERSITY                     | 5 U10 HL084904-12                                         |                                         | \$14,541             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U24 HL135691-02               | NEW ENGLAND RESEARCH INSTITUTES     | 5 U24 HL135691-02                                         |                                         | \$1,372              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 U24 HL135691-03               | NEW ENGLAND RESEARCH INSTITUTES     | 5 U24 HL135691-03                                         |                                         | \$4,107              | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 7 R01 HL133870-04               | HARVARD UNIVERSITY                  | 7 R01 HL133870-04                                         |                                         | \$15,894             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 7 R01 HL136824-03               | UNIVERSITY OF PITTSBURGH            | 7 R01 HL136824-03                                         |                                         | \$12,439             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 7 R01 HL139968-02               | STATE UNIVERSITY OF NEW YORK (SUNY) | 7 R01 HL139968-02                                         |                                         | \$52,833             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 9 R01 HL147818-21A1             | UNIVERSITY OF PITTSBURGH            | 9 R01 HL147818-21A1                                       |                                         | \$106,059            | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL125032-05               |                                     |                                                           |                                         | -\$2,032             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL131977-03               |                                     |                                                           |                                         | -\$1,243             | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| CARDIOVASCULAR DISEASES RESEARCH      | 93.837                    | 5 R01 HL133860-03               |                                     |                                                           |                                         | -\$104               | \$27,014,205          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 K08 HL143051-01A1             |                                     |                                                           |                                         | \$133,264            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 K23 HL148638-01               |                                     |                                                           |                                         | \$136,572            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 K24 HL143281-01               |                                     |                                                           |                                         | \$67                 | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 K24 HL150312-01               |                                     |                                                           |                                         | \$39,557             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 K99 HL143441-01A1             |                                     |                                                           |                                         | \$100,354            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL136449-01A1             |                                     |                                                           |                                         | -\$47                | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL141567-01A1             |                                     |                                                           | \$132,576                               | \$343,268            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL151016-01               |                                     |                                                           |                                         | \$201,173            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL152210-01               |                                     |                                                           |                                         | \$26,444             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R35 HL150783-01               |                                     |                                                           |                                         | \$12,818             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R38 HL143619-01               |                                     |                                                           |                                         | \$529                | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 K24 HL103836-06               |                                     |                                                           |                                         | \$150,010            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 R01 HL095797-10               |                                     |                                                           |                                         | \$655,862            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 R01 HL16597-05A1              |                                     |                                                           |                                         | -\$3,154             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 R01 HL119503-06               |                                     |                                                           |                                         | -\$468               | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 T32 HL094296-11               |                                     |                                                           |                                         | \$7                  | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 3 R01 HL146588-01S1             |                                     |                                                           |                                         | \$5,483              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K01 HL145338-02               |                                     |                                                           |                                         | \$118,881            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K08 HL127102-05               |                                     |                                                           |                                         | \$135,209            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|---------------------------------------|---------------------------|---------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K08 HL130595-06               |                                           |                                                           | \$154,999                               | \$16,086,497         |                       | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K08 HL133484-03               |                                           |                                                           |                                         | \$166,775            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K08 HL136888-04               |                                           |                                                           |                                         | \$139,185            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K08 HL138088-02               |                                           |                                                           |                                         | \$594                | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K12 HL143956-02               |                                           |                                                           |                                         | \$238,877            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K23 HL143053-02               |                                           |                                                           |                                         | \$187,518            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 K24 HL127301-06               |                                           |                                                           |                                         | \$115,930            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 P01 HL092870-08               |                                           |                                                           |                                         | -\$29,617            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 P01 HL092870-09               |                                           |                                                           | \$535,529                               | \$1,678,902          | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 P01 HL092870-10               |                                           |                                                           |                                         | \$135,954            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 P01 HL108800-08               |                                           |                                                           | \$16,964                                | \$35,321             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 P01 HL108800-09               |                                           |                                                           | \$98,139                                | \$1,687,294          | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL111111-06               |                                           |                                                           | -\$3,097                                | \$4,628              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL117074-06               |                                           |                                                           | \$35,769                                | \$35,769             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL122417-05               |                                           |                                                           | \$4,687                                 | \$25,877             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL122554-06               |                                           |                                                           |                                         | \$9,281              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL126176-06               |                                           |                                                           | \$193,950                               | \$462,904            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL126671-06               |                                           |                                                           |                                         | \$310,843            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL131906-04               |                                           |                                                           | \$5,518                                 | \$234,415            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL132338-04               |                                           |                                                           | \$407,805                               | \$607,735            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL134802-02               |                                           |                                                           |                                         | \$368,258            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL134802-03               |                                           |                                                           |                                         | \$334,667            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL135849-04               |                                           |                                                           | \$16,389                                | \$481,619            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL136664-04               |                                           |                                                           | \$46,883                                | \$451,489            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL136748-04               |                                           |                                                           |                                         | \$586,334            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL140231-03               |                                           |                                                           | \$125,254                               | \$746,804            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R01 HL146588-02               |                                           |                                                           | \$261,191                               | \$661,329            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R21 HL133742-02               |                                           |                                                           |                                         | \$1,025              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R34 HL136989-02               |                                           |                                                           | \$18,590                                | \$26,463             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R34 HL136989-03               |                                           |                                                           | \$70,567                                | \$253,590            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 R38 HL143619-02               |                                           |                                                           |                                         | \$387,804            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 T32 HL087738-13               |                                           |                                                           |                                         | -\$5,119             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 T32 HL087738-14               |                                           |                                                           |                                         | \$312,429            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 T32 HL087738-15               |                                           |                                                           |                                         | \$88,658             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 T32 HL094296-12               |                                           |                                                           |                                         | \$307,049            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 U01 HL123033-06               |                                           |                                                           | \$40,067                                | \$308,991            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 U01 HL123033-07               |                                           |                                                           |                                         | \$48,883             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5 U01 HL125212-06               |                                           |                                                           |                                         | \$50,755             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 5R01 HL142720-02                |                                           |                                                           |                                         | \$603,546            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 7 K23 HL141539-03               |                                           |                                                           |                                         | \$216,723            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL134015-01               | UNIVERSITY OF PENNSYLVANIA                | 1 R01 HL134015-01                                         |                                         | \$11,639             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL135144-02               | UNIVERSITY OF PITTSBURGH                  | 1 R01 HL135144-02                                         |                                         | \$124,893            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL144624-01               | INTERMOUNTAIN MEDICAL CENTER              | 1 R01 HL144624-01                                         |                                         | \$21,203             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL145372-01               | TRANSLATIONAL GENOMICS RESEARCH INSTITUTE | 1 R01 HL145372-01                                         |                                         | \$222,054            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R01 HL149422-01               | HARVARD UNIVERSITY                        | 1 R01 HL149422-01                                         |                                         | \$19,383             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R21 HL145246-01A1             | BRIGHAM AND WOMEN'S HOSPITAL              | 1 R21 HL145246-01A1                                       |                                         | \$1,875              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 R41 HL140709-01               | VIRTUOSO SURGICAL                         | 1 R41 HL140709-01                                         |                                         | \$11,398             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 1 U01 HL145561-01               | CORNELL UNIVERSITY                        | 1 U01 HL145561-01                                         |                                         | \$17,608             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 15FED1511233-0005               | VETERANS AFFAIRS                          | 15FED1511233-0005                                         | \$95,763                                | \$161,796            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 15FED1511233-0006               | VETERANS AFFAIRS                          | 15FED1511233-0006                                         |                                         | \$238,537            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                | 93.838                    | 2 R01 HL113326-06A1             | OKLAHOMA MEDICAL RESEARCH FOUNDATION      | 2 R01 HL113326-06A1                                       |                                         | \$31,197             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 LUNG DISEASES RESEARCH       | 93.838                    | COVID-19 3 U01 HL 123009-06S1   | MASSACHUSETTS GENERAL HOSPITAL            | 3 U01 HL 123009-06S1                                      |                                         | \$17,018             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 LUNG DISEASES RESEARCH       | 93.838                    | COVID-19 3 U01 HL123009-06S1    | MASSACHUSETTS GENERAL HOSPITAL            | 3 U01 HL123009-06S1                                       |                                         | \$8,566              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                                                                         | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity            | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|---------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL116473-07               | BRIGHAM AND WOMEN'S HOSPITAL                  | 5 R01 HL116473-07                                         |                                         | \$27,663             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL122477-05               | NORTHWESTERN UNIVERSITY                       | 5 R01 HL122477-05                                         |                                         | \$9,638              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL132153-03               | JOHNS HOPKINS UNIVERSITY                      | 5 R01 HL132153-03                                         |                                         | -\$228               | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL132153-04               | JOHNS HOPKINS UNIVERSITY                      | 5 R01 HL132153-04                                         |                                         | \$3,564              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL135114-03               | JOHNS HOPKINS UNIVERSITY                      | 5 R01 HL135114-03                                         |                                         | \$27,042             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL135114-04               | JOHNS HOPKINS UNIVERSITY                      | 5 R01 HL135114-04                                         |                                         | \$26,221             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R35 HL140026-02               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO     | 5 R35 HL140026-02                                         |                                         | \$25,064             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R35 HL140026-03               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO     | 5 R35 HL140026-03                                         |                                         | \$69,997             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL121518-04               | UNIVERSITY OF COLORADO                        | 5 U01 HL121518-04                                         |                                         | \$18,334             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-06               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-06                                         |                                         | \$112,718            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-06               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-06                                         |                                         | \$115,887            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-06               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-06                                         | \$11,175                                | \$148,133            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-06               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-06                                         |                                         | \$9,193              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-07               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-07                                         |                                         | \$6,295              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL125177-05               | CLEVELAND CLINIC FOUNDATION                   | 5 U01 HL125177-05                                         |                                         | \$103,985            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL128954-04               | UNIVERSITY OF PITTSBURGH                      | 5 U01 HL128954-04                                         |                                         | \$22,470             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL131755-03               | CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER | 5 U01 HL131755-03                                         |                                         | -\$3,043             | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL145561-02               | CORNELL UNIVERSITY                            | 5 U01 HL145561-02                                         |                                         | \$5,424              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 U01 HL123009-06               | MASSACHUSETTS GENERAL HOSPITAL                | 5 U01 HL123009-06                                         |                                         | \$8,671              | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| LUNG DISEASES RESEARCH                                                                                        | 93.838                    | 5 R01 HL117074-06               |                                               |                                                           |                                         | -\$28,008            | \$16,086,497          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 1 K24 HL147017-01               |                                               |                                                           |                                         | \$82,104             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 1 OT3 HL147810-01               |                                               |                                                           |                                         | \$383,805            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 K23 HL138291-03               |                                               |                                                           |                                         | \$157,877            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 K23 HL141447-03               |                                               |                                                           |                                         | \$161,368            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL106812-09               |                                               |                                                           |                                         | \$80,962             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL124159-05               |                                               |                                                           | \$1,568                                 | \$3,111              | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL124159-07               |                                               |                                                           |                                         | \$575,442            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL130018-04               |                                               |                                                           | \$35,727                                | \$333,377            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL133559-03               |                                               |                                                           |                                         | \$476,349            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL141943-02               |                                               |                                                           |                                         | \$289,953            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R35 HL140025-02               |                                               |                                                           |                                         | \$375,508            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R35 HL140025-03               |                                               |                                                           |                                         | \$405,064            | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 6 R01 HL114518-04               |                                               |                                                           |                                         | -\$2,195             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 1 R01 HL144113-01               | OREGON HEALTH & SCIENCE UNIVERSITY            | 1 R01 HL144113-01                                         |                                         | \$5                  | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 1 U24 HL138660-01               | NATIONAL MARROW DONOR PROGRAM                 | 1 U24 HL138660-01                                         |                                         | \$12,704             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 2 R01 HL101972-10               | OREGON HEALTH & SCIENCE UNIVERSITY            | 2 R01 HL101972-10                                         |                                         | \$71,748             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 2 R01 HL101972-11               | OREGON HEALTH & SCIENCE UNIVERSITY            | 2 R01 HL101972-11                                         |                                         | \$32,222             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 2 R01 HL118979-05               | UNIVERSITY OF MINNESOTA                       | 2 R01 HL118979-05                                         |                                         | \$42,702             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL089456-08               | CORNELL UNIVERSITY                            | 5 R01 HL089456-08                                         |                                         | \$26,464             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL133896-02               | UNIVERSITY OF ALABAMA AT BIRMINGHAM           | 5 R01 HL133896-02                                         |                                         | \$32,966             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 R01 HL144113-02               | OREGON HEALTH & SCIENCE UNIVERSITY            | 5 R01 HL144113-02                                         |                                         | \$77,263             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 U01 HL128568-05               | EMORY UNIVERSITY                              | 5 U01 HL128568-05                                         |                                         | \$17,083             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 U01 HL133996-04               | ST. JUDE HOSPITAL                             | 5 U01 HL133996-04                                         |                                         | \$19,522             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 U10 CA180820-05               | EASTERN COOPERATIVE ONCOLOGY GROUP            | 5 U10 CA180820-05                                         |                                         | \$9,264              | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| BLOOD DISEASES AND RESOURCES RESEARCH                                                                         | 93.839                    | 5 UG1 HL138645-03               | MOUNT SINAI SCHOOL OF MEDICINE                | 5 UG1 HL138645-03                                         |                                         | \$22,006             | \$3,686,674           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES, AND SLEEP DISORDERS          | 93.840                    | 5 K12 HL137943-02               |                                               |                                                           | \$176,984                               | \$733,219            | \$755,905             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES, AND SLEEP DISORDERS | 93.840                    | COVID-19 1 OT2 HL156812-01      | RESEARCH TRIANGLE INSTITUTE                   | 1 OT2 HL156812-01                                         |                                         | \$4,096              | \$755,905             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES, AND SLEEP DISORDERS          | 93.840                    | 1 R01 HL146781-01               | OHIO STATE UNIVERSITY                         | 1 R01 HL146781-01                                         |                                         | \$18,590             | \$755,905             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH                                                         | 93.846                    | 1 R01 AR073764-01A1             |                                               |                                                           |                                         | \$960,069            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title                        | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity  | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|--------------------------------------------------------------|---------------------------|---------------------------------|-------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR073874-01-02            |                                     |                                                           | \$8,499                                 | \$42,638             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR076516-01               |                                     |                                                           |                                         | \$1,907              | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R13 AR076257-01               |                                     |                                                           |                                         | \$15,000             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R21 AR072483-01A1             |                                     |                                                           | \$135,933                               | \$207,531            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 K08 AR072757-03               |                                     |                                                           |                                         | \$151,365            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR073001-02               |                                     |                                                           | \$13,200                                | \$193,163            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR073831-02               |                                     |                                                           | \$47,148                                | \$355,280            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R21 AR073133-02               |                                     |                                                           | \$43,194                                | \$271,303            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R21 AR074261-02               |                                     |                                                           |                                         | \$160,130            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 7 K01 AR072123-03               |                                     |                                                           |                                         | \$82,614             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 7 R01 AR060846-07               |                                     |                                                           |                                         | \$162,942            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR073486-01A1             | UNIVERSITY OF SOUTHERN CALIFORNIA   | 1 R01 AR073486-01A1                                       |                                         | \$14,539             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR073773-01A1             | STANFORD UNIVERSITY                 | 1 R01 AR073773-01A1                                       |                                         | \$5,057              | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR074131-01               | CASE WESTERN RESERVE UNIVERSITY     | 1 R01 AR074131-01                                         |                                         | \$8,149              | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R01 AR075422-01               | CASE WESTERN RESERVE UNIVERSITY     | 1 R01 AR075422-01                                         |                                         | \$36,158             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R21 AR074589-01               | VANDERBILT UNIVERSITY               | 1 R21 AR074589-01                                         |                                         | \$17,023             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 R21 AR074589-02               | VANDERBILT UNIVERSITY               | 1 R21 AR074589-02                                         |                                         | \$6,948              | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 1 UG3 AR076387-01               | UNIVERSITY OF IOWA                  | 1 UG3 AR076387-01                                         |                                         | \$51,318             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 2 R01 AR053684-10               | CLEVELAND CLINIC FOUNDATION         | 2 R01 AR053684-10                                         |                                         | \$432,231            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 2 R01 AR060846-05               | WASHINGTON UNIVERSITY IN ST. LOUIS  | 2 R01 AR060846-05                                         |                                         | \$24,557             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 3 P50 AR060772-08S1             | UNIVERSITY OF ALABAMA AT BIRMINGHAM | 3 P50 AR060772-08S1                                       |                                         | \$59,703             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR064772-05               | VANDERBILT UNIVERSITY               | 5 R01 AR064772-05                                         |                                         | \$208                | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR073486-02               | UNIVERSITY OF SOUTHERN CALIFORNIA   | 5 R01 AR073486-02                                         |                                         | \$6,135              | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR073874-02               | EMORY UNIVERSITY                    | 5 R01 AR073874-02                                         |                                         | \$101,263            | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 R01 AR074131-02               | CASE WESTERN RESERVE UNIVERSITY     | 5 R01 AR074131-02                                         |                                         | \$72,152             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 T32 AR059039-08               | VANDERBILT UNIVERSITY               | 5 T32 AR059039-08                                         |                                         | -\$563               | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 T32 AR059039-08               | VANDERBILT UNIVERSITY               | 5 T32 AR059039-08                                         |                                         | \$53,410             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 T32 AR059039-08               | VANDERBILT UNIVERSITY               | 5 T32 AR059039-08                                         |                                         | \$56,437             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 T32 AR059039-09               | VANDERBILT UNIVERSITY               | 5 T32 AR059039-09                                         |                                         | \$49,830             | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH        | 93.846                    | 5 T32 AR059039-09               | VANDERBILT UNIVERSITY               | 5 T32 AR059039-09                                         |                                         | \$583                | \$3,599,080           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 K01 DK117969-01               |                                     |                                                           |                                         | \$184,634            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 K01 DK120631-01A1             |                                     |                                                           |                                         | \$49,561             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 K01 DK123495-01               |                                     |                                                           |                                         | \$30,612             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 K23 DK118192-02               |                                     |                                                           |                                         | \$136,163            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 P20 DK123967-01               |                                     |                                                           |                                         | \$173,245            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK069921-16A1             |                                     |                                                           |                                         | \$11,459             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK116625-01               |                                     |                                                           |                                         | \$449,301            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK119282-01A1             |                                     |                                                           | \$31,100                                | \$475,675            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK120025-0102             |                                     |                                                           |                                         | \$380,962            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK120626-01A1             |                                     |                                                           |                                         | \$248,722            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK120814-01A1             |                                     |                                                           | \$20,547                                | \$274,804            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK120821-01A1             |                                     |                                                           | \$54,363                                | \$298,341            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK121101-01               |                                     |                                                           |                                         | \$339,591            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK121316-01               |                                     |                                                           |                                         | \$284,836            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK122075-01               |                                     |                                                           |                                         | \$95,502             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK122147-01A1             |                                     |                                                           |                                         | \$66,692             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK125895-01               |                                     |                                                           |                                         | \$1,209              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R03 DK113329-01               |                                     |                                                           |                                         | \$23,833             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R03 DK119733-01               |                                     |                                                           |                                         | \$125,289            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R18 DK123373-01               |                                     |                                                           |                                         | \$221,053            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK123716-01               |                                     |                                                           | \$26,579                                | \$243,901            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK123821-01               |                                     |                                                           | \$48,351                                | \$132,202            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK123821-01               |                                     |                                                           |                                         | \$3,756              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U34 DK123895-01               |                                     |                                                           |                                         | \$128,005            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 UC4 DK112232-01               |                                     |                                                           | \$636,328                               | \$1,190,145          | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK018381-49               |                                     |                                                           |                                         | \$327,953            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title                        | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total    | Cluster Name             | Cluster Total |
|--------------------------------------------------------------|---------------------------|---------------------------------|------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|--------------------------|--------------------------|---------------|
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK056942-15A1             |                                    |                                                           |                                         | \$80,738             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK062794-17               |                                    |                                                           | \$425,487                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK065138-18               |                                    |                                                           | \$556,149                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK081134-10A1             |                                    |                                                           | \$26,585                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK093660-08A1             |                                    |                                                           | \$356,196                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 T32 DK007673-27               |                                    |                                                           | \$407,994                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 T35 DK007383-39               |                                    |                                                           | -\$1,454                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 3 R01 DK116625-02S1             |                                    |                                                           | \$2,002                                 | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 3 R25 DK096999-08S1             |                                    |                                                           | \$19,440                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 F32 DK108492-04               |                                    |                                                           | -\$542                                  | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 F32 DK116520-03               |                                    |                                                           | \$54,427                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 F32 DK116520-04               |                                    |                                                           | \$5,729                                 | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K01 DK099473-05               |                                    |                                                           | \$937                                   | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K01 DK106306-05               |                                    |                                                           | \$17,195                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K01 DK106311-04               |                                    |                                                           | \$129,192                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K01 DK109019-03               |                                    |                                                           | \$75,274                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K01 DK121869-02               |                                    |                                                           | \$106,423                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K08 DK106472-05               |                                    |                                                           | \$134,164                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K23 DK101689-04               |                                    |                                                           | \$9,583                                 | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K23 DK103910-06               |                                    |                                                           | \$134,307                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K23 DK106511-04               |                                    |                                                           | \$142,612                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K23 DK114566-02               |                                    |                                                           | \$168,026                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 K23 DK118118-02               |                                    |                                                           | \$145,033                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK020593-41               |                                    |                                                           | \$2,997                                 | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK020593-42               |                                    |                                                           | \$762,308                               | \$2,643,631          | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK020593-43               |                                    |                                                           | \$4,939                                 | \$313,578            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK058404-17               |                                    |                                                           | -\$24,094                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK058404-18               |                                    |                                                           | \$994,392                               | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK058404-19               |                                    |                                                           | \$39,327                                | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK092986-09               |                                    |                                                           | \$38,877                                | \$83,161             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK092986-10               |                                    |                                                           | \$93,524                                | \$578,060            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK114809-02               |                                    |                                                           | -\$750                                  | \$37,991,080         | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 P30 DK114809-03               |                                    |                                                           | \$19,997                                | \$918,160            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK018381-48               |                                    |                                                           |                                         | \$518,058            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK048370-24               |                                    |                                                           |                                         | \$399,880            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK051265-24               |                                    |                                                           |                                         | \$243,726            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK058587-19               |                                    |                                                           |                                         | \$328,043            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK066358-13               |                                    |                                                           | \$193,546                               | \$369,969            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK069921-14               |                                    |                                                           |                                         | \$97,710             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK078158-08               |                                    |                                                           |                                         | \$18,786             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK081134-09               |                                    |                                                           |                                         | \$91,312             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK081646-12               |                                    |                                                           |                                         | \$536,030            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK084246-10               |                                    |                                                           | \$5,894                                 | \$40,784             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK093501-10               |                                    |                                                           | \$365,635                               | \$760,623            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK095785-08               |                                    |                                                           |                                         | \$598,472            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK096994-06               |                                    |                                                           | \$3,936                                 | \$3,936              | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK099467-08               |                                    |                                                           |                                         | \$423,673            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK100431-04               |                                    |                                                           |                                         | \$108,228            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK101332-06               |                                    |                                                           | \$11,467                                | \$521,222            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK101791-05               |                                    |                                                           |                                         | \$11,410             | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK103935-06               |                                    |                                                           | \$25,178                                | \$161,194            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK104817-05               |                                    |                                                           |                                         | \$277,153            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK105371-06               |                                    |                                                           |                                         | \$348,922            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK105550-08               |                                    |                                                           | \$11,178                                | \$410,892            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK105847-05               |                                    |                                                           |                                         | \$286,394            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK108159-05               |                                    |                                                           | \$266,657                               | \$363,065            | \$37,991,080             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK108968-05               |                                    |                                                           |                                         | \$16,718             | \$202,471                | \$37,991,080             | \$357,858,137 |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title                        | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|--------------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK109102-06               |                                                           |                                                           | \$18,401                                | \$321,788            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK110166-04               |                                                           |                                                           | \$99,535                                | \$355,060            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK111554-04               |                                                           |                                                           | \$26,888                                | \$423,457            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK111671-03               |                                                           |                                                           |                                         | \$385,863            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK112688-04               |                                                           |                                                           |                                         | \$405,117            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK113423-03               |                                                           |                                                           |                                         | \$319,647            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK115545-02               |                                                           |                                                           | \$125,092                               | \$439,404            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK116957-02               |                                                           |                                                           | \$82,126                                | \$164,678            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK116964-03               |                                                           |                                                           |                                         | \$421,552            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK117144-03               |                                                           |                                                           |                                         | \$456,740            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK117875-03               |                                                           |                                                           |                                         | \$491,044            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK119212-02               |                                                           |                                                           | \$13,653                                | \$397,213            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R03 DK110399-03               |                                                           |                                                           |                                         | \$47,567             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R03 DK119735-02               |                                                           |                                                           |                                         | \$58,954             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R21 DK110657-02               |                                                           |                                                           |                                         | \$7,319              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R24 DK103067-06               |                                                           |                                                           | \$47,467                                | \$1,282,673          | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R24 DK106755-06               |                                                           |                                                           | \$1,002,338                             | \$1,529,288          | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R25 DK096999-09               |                                                           |                                                           |                                         | \$70,550             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R56 DK108352-03               |                                                           |                                                           | \$8,900                                 | \$8,900              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T32 DK007061-45               |                                                           |                                                           |                                         | \$31                 | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T32 DK007061-46               |                                                           |                                                           |                                         | \$302,571            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T32 DK007569-30               |                                                           |                                                           | \$21,190                                | \$21,190             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T32 DK007569-31               |                                                           |                                                           |                                         | \$245,452            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T32 DK007673-26               |                                                           |                                                           |                                         | -\$178               | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T35 DK007383-40               |                                                           |                                                           |                                         | \$108,815            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 T35 DK007383-41               |                                                           |                                                           |                                         | \$5,080              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK082192-11               |                                                           |                                                           |                                         | \$137,230            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK085465-10               |                                                           |                                                           |                                         | \$202,919            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK099923-06               |                                                           |                                                           | \$90,084                                | \$245,225            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK110804-04               |                                                           |                                                           | \$38,978                                | \$38,978             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK110804-05               |                                                           |                                                           | \$56,981                                | \$579,583            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK110804-06               |                                                           |                                                           |                                         | \$16,557             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK112271-02               |                                                           |                                                           | \$93,685                                | \$144,496            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK112271-03               |                                                           |                                                           | \$120,929                               | \$388,450            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK116093-02               |                                                           |                                                           |                                         | \$353                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK116093-03               |                                                           |                                                           | \$9,450                                 | \$254,163            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK116093-04               |                                                           |                                                           |                                         | \$22,700             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 6 R01 DK100694-05               |                                                           |                                                           |                                         | \$283,119            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 6 R01 DK112262-05               |                                                           |                                                           | \$1,372                                 | \$729,820            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 6 UC4 DK104211-02               |                                                           |                                                           | \$853                                   | \$853                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 7 F32 DK116520-02               |                                                           |                                                           |                                         | -\$1,651             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 7 R01 DK051610-25               |                                                           |                                                           |                                         | \$343,623            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 7 U01 DK105556-05               |                                                           |                                                           | \$246,373                               | \$555,676            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 DP3 DK114812-01               | CASE WESTERN RESERVE UNIVERSITY                           | 1 DP3 DK114812-01                                         |                                         | \$12,274             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK108438-02               | BRIGHAM AND WOMEN'S HOSPITAL                              | 1 R01 DK108438-02                                         |                                         | \$3,686              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK110375-02               | UNIVERSITY OF MARYLAND                                    | 1 R01 DK110375-02                                         |                                         | \$68,770             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK113201-01A1             | DARTMOUTH COLLEGE                                         | 1 R01 DK113201-01A1                                       | \$9,531                                 | \$15,398             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK114485-01A1             | STATE UNIVERSITY OF NEW YORK (SUNY)                       | 1 R01 DK114485-01A1                                       |                                         | \$7,131              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK117147-01A1             | VANDERBILT UNIVERSITY                                     | 1 R01 DK117147-01A1                                       |                                         | \$343,685            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK119508-01A1             | VANDERBILT UNIVERSITY                                     | 1 R01 DK119508-01A1                                       |                                         | \$11,575             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK121520-01A1             | VANDERBILT UNIVERSITY                                     | 1 R01 DK121520-01A1                                       |                                         | \$45,017             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DK122797-01               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO                 | 1 R01 DK122797-01                                         |                                         | \$113,299            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R01 DL103831-01A1             | VANDERBILT UNIVERSITY                                     | 1 R01 DL103831-01A1                                       |                                         | \$284                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 R18 DK118471-01               | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY | 1 R18 DK118471-01                                         |                                         | \$3,853              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                        | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|--------------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 RC2 DK118640-01A1             | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 1 RC2 DK118640-01A1                                       | \$11,627                                | \$139,287            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK120429-01               | UNIVERSITY OF CALIFORNIA, SAN DIEGO                       | 1 U01 DK120429-01                                         |                                         | \$2,337              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK120456-01               | UNIVERSITY OF MIAMI                                       | 1 U01 DK120456-01                                         |                                         | \$18,011             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U01 DK123743-01               | STANFORD UNIVERSITY                                       | 1 U01 DK123743-01                                         |                                         | \$22,674             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U54 DK118612-01               | UNIVERSITY OF CHICAGO                                     | 1 U54 DK118612-01                                         |                                         | -\$2,615             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U54 DK118612-02               | UNIVERSITY OF CHICAGO                                     | 1 U54 DK118612-02                                         |                                         | \$48,734             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 1 U54 DK108120-01               | VANDERBILT UNIVERSITY                                     | 1 U54 DK108120-01                                         |                                         | \$428,176            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK054902-16A1             | VANDERBILT UNIVERSITY                                     | 2 R01 DK054902-16A1                                       |                                         | -\$512               | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 R01 DK092217-05A1             | NORTHWESTERN UNIVERSITY                                   | 2 R01 DK092217-05A1                                       |                                         | \$12,650             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK094157-08               | CASE WESTERN RESERVE UNIVERSITY                           | 2 U01 DK094157-08                                         |                                         | \$6                  | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK094157-08               | CASE WESTERN RESERVE UNIVERSITY                           | 2 U01 DK094157-08                                         |                                         | -\$20                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK100866-07               | NATIONWIDE CHILDREN'S HOSPITAL                            | 2 U01 DK100866-07                                         |                                         | \$6,322              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK100867-07               | UNIVERSITY OF NORTH CAROLINA                              | 2 U01 DK100867-07                                         |                                         | \$19,592             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK100867-08               | UNIVERSITY OF NORTH CAROLINA                              | 2 U01 DK100867-08                                         |                                         | \$170                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK106993-02               | UNIVERSITY OF SOUTH FLORIDA                               | 2 U01 DK106993-02                                         |                                         | \$110,262            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U01 DK120429-02               | UNIVERSITY OF CALIFORNIA, SAN DIEGO                       | 2 U01 DK120429-02                                         |                                         | \$33,725             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 2 U54 DK098085-02               | CITY OF HOPE                                              | 2 U54 DK098085-02                                         |                                         | \$304,957            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 3 U01 DK104833-05S1             | MEDICAL UNIVERSITY OF SOUTH CAROLINA                      | 3 U01 DK104833-05S1                                       |                                         | \$28,800             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK038217-25               | UNIVERSITY OF TEXAS                                       | 5 R01 DK038217-25                                         |                                         | \$8,608              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK054902-19               | VANDERBILT UNIVERSITY                                     | 5 R01 DK054902-19                                         |                                         | \$37,565             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK054902-20               | VANDERBILT UNIVERSITY                                     | 5 R01 DK054902-20                                         |                                         | \$8,283              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK081572-10               | HARVARD UNIVERSITY                                        | 5 R01 DK081572-10                                         |                                         | \$37,794             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK081572-10               | HARVARD UNIVERSITY                                        | 5 R01 DK081572-10                                         |                                         | \$8,382              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK104936-04               | SEATTLE CHILDREN'S HOSPITAL                               | 5 R01 DK104936-04                                         |                                         | \$3,231              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK105689-04               | UNIVERSITY OF PENNSYLVANIA                                | 5 R01 DK105689-04                                         |                                         | \$51,662             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK106228-04               | VANDERBILT UNIVERSITY                                     | 5 R01 DK106228-04                                         |                                         | \$5,287              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK108438-05               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 R01 DK108438-05                                         |                                         | \$405                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK111175-04               | WASHINGTON UNIVERSITY IN ST. LOUIS                        | 5 R01 DK111175-04                                         |                                         | \$89,458             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK111949-03               | VANDERBILT UNIVERSITY                                     | 5 R01 DK111949-03                                         |                                         | \$26,598             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK113201-02               | DARTMOUTH COLLEGE                                         | 5 R01 DK113201-02                                         |                                         | \$156,475            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK113980-02               | UNIVERSITY OF ALABAMA AT BIRMINGHAM                       | 5 R01 DK113980-02                                         |                                         | \$12,641             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK113980-03               | UNIVERSITY OF ALABAMA AT BIRMINGHAM                       | 5 R01 DK113980-03                                         |                                         | \$35,959             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK115392-02               | BRIGHAM AND WOMEN'S HOSPITAL                              | 5 R01 DK115392-02                                         |                                         | \$131,524            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK115392-03               | BRIGHAM AND WOMEN'S HOSPITAL                              | 5 R01 DK115392-03                                         |                                         | \$24,279             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R01 DK116898-02               | BRIGHAM AND WOMEN'S HOSPITAL                              | 5 R01 DK116898-02                                         |                                         | \$28,835             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R18 DK118460-02               | UNIVERSITY OF PITTSBURGH                                  | 5 R18 DK118460-02                                         |                                         | \$21,411             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R18 DK118471-03               | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY | 5 R18 DK118471-03                                         |                                         | \$76,846             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 R24 DK090964-10               | UNIVERSITY OF OKLAHOMA                                    | 5 R24 DK090964-10                                         |                                         | \$225,823            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK065211-17               | INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS         | 5 U01 DK065211-17                                         |                                         | \$12,580             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK085465-07               | UNIVERSITY OF SOUTH FLORIDA                               | 5 U01 DK085465-07                                         |                                         | \$197,295            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK094157-08               | CASE WESTERN RESERVE UNIVERSITY                           | 5 U01 DK094157-08                                         |                                         | -\$1,120             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK094157-09               | CASE WESTERN RESERVE UNIVERSITY                           | 5 U01 DK094157-09                                         |                                         | \$198,332            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK098246-07               | GEORGE WASHINGTON UNIVERSITY                              | 5 U01 DK098246-07                                         |                                         | \$47,375             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK098246-08               | GEORGE WASHINGTON UNIVERSITY                              | 5 U01 DK098246-08                                         |                                         | \$425,082            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U01 DK120456-02               | UNIVERSITY OF MIAMI                                       | 5 U01 DK120456-02                                         | \$14,244                                | \$236,302            | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U24 DK076169-12               | AUGUSTA UNIVERSITY                                        | 5 U24 DK076169-12                                         |                                         | \$906                | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U24 DK076169-12               | AUGUSTA UNIVERSITY                                        | 5 U24 DK076169-12                                         | \$1,499                                 | \$53,318             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U24 DK076169-13               | AUGUSTA UNIVERSITY                                        | 5 U24 DK076169-13                                         |                                         | \$19,789             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U24 DK097771-07               | UNIVERSITY OF CALIFORNIA, SAN DIEGO                       | 5 U24 DK097771-07                                         |                                         | \$5,000              | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH | 93.847                    | 5 U24 DK115255-02               | AUGUSTA UNIVERSITY                                        | 5 U24 DK115255-02                                         |                                         | \$11,360             | \$37,991,080          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                 | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 U2C DK059637-18                      | VANDERBILT UNIVERSITY                     | 5 U2C DK059637-18                                                |                                                | \$106                       | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 U2C DK059637-19                      | VANDERBILT UNIVERSITY                     | 5 U2C DK059637-19                                                |                                                | \$259,166                   | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 UM1 DK100866-04                      | NATIONWIDE CHILDREN'S HOSPITAL            | 5 UM1 DK100866-04                                                |                                                | -\$4,605                    | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 UM1 DK100867-06                      | UNIVERSITY OF NORTH CAROLINA              | 5 UM1 DK100867-06                                                |                                                | -\$499                      | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 R01 DK096994-06                      |                                           |                                                                  |                                                | -\$3,936                    | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 R56 DK108352-03                      |                                           |                                                                  |                                                | -\$7,697                    | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 T32 DK007569-30                      |                                           |                                                                  |                                                | -\$1,274                    | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 5 U01 DK110804-04                      |                                           |                                                                  |                                                | -\$19,368                   | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH                 | 93.847                           | 6 UC4 DK104211-02                      |                                           |                                                                  |                                                | -\$853                      | \$37,991,080                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 K23 NS113858-01                      |                                           |                                                                  |                                                | \$156,568                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS108445-02                      |                                           |                                                                  |                                                | \$266,024                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS110661-01A1                    |                                           |                                                                  |                                                | \$33,794                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS113171-01                      |                                           |                                                                  | \$300,995                                      | \$782,055                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS113832-01                      |                                           |                                                                  |                                                | \$58,732                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R03 NS111486-01                      |                                           |                                                                  |                                                | \$90,690                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS107666-01                      |                                           |                                                                  | \$340,132                                      | \$626,625                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U24 NS107128-01                      |                                           |                                                                  |                                                | -\$4,566                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 3 R01 NS100980-01                      |                                           |                                                                  |                                                | \$721,324                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 K23 NS080988-06                      |                                           |                                                                  |                                                | \$80                        | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R00 NS097618-05                      |                                           |                                                                  |                                                | \$259,839                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS078680-09                      |                                           |                                                                  | \$13,687                                       | \$676,098                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS092961-06                      |                                           |                                                                  | \$2,608                                        | \$376,393                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS093669-05                      |                                           |                                                                  | \$262,998                                      | \$468,528                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS094041-04                      |                                           |                                                                  | \$40,074                                       | \$85,146                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS094041-05                      |                                           |                                                                  | \$359,612                                      | \$928,542                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS096127-06                      |                                           |                                                                  |                                                | \$256,739                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS097763-05                      |                                           |                                                                  |                                                | \$234,833                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS097783-05                      |                                           |                                                                  | \$16,381                                       | \$521,873                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS097821-04                      |                                           |                                                                  | \$9,742                                        | \$101,164                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS104149-04                      |                                           |                                                                  |                                                | \$368,031                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS107424-02                      |                                           |                                                                  |                                                | \$363,013                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS109114-03                      |                                           |                                                                  | \$38,637                                       | \$364,736                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS110130-02                      |                                           |                                                                  | \$28,570                                       | \$339,437                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                 | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|------------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS112252-02                      |                                           |                                                                  | \$198,908                                      | \$346,395                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R21 NS107877-02                      |                                           |                                                                  | \$10,534                                       | \$126,687                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 T32 NS007491-18                      |                                           |                                                                  | \$33,046                                       | \$33,046                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 T32 NS007491-19                      |                                           |                                                                  | \$73,199                                       | \$137,661                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U10 NS086492-05                      |                                           |                                                                  |                                                | \$5,824                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U24 NS107128-02                      |                                           |                                                                  |                                                | \$293,709                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U54 NS065736-10                      |                                           |                                                                  | \$234,909                                      | \$298,245                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS096173-01A1                    | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 R01 NS096173-01A1                                              |                                                | \$38,827                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS100996-02                      | UNIV OF LOUISVILLE                        | 1 R01 NS100996-02                                                |                                                | \$49,978                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS104094-01                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 R01 NS104094-01                                                |                                                | \$9,240                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS104497-01                      | VANDERBILT UNIVERSITY                     | 1 R01 NS104497-01                                                |                                                | \$8,978                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS105746-01A1                    | MASSACHUSETTS GENERAL HOSPITAL            | 1 R01 NS105746-01A1                                              |                                                | \$11,251                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R01 NS107281-01A1                    | WASHINGTON UNIVERSITY IN ST. LOUIS        | 1 R01 NS107281-01A1                                              |                                                | \$163,856                   | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R21 NS106510-01                      | VANDERBILT UNIVERSITY                     | 1 R21 NS106510-01                                                |                                                | \$23,559                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 R21 NS109521-01                      | VANDERBILT UNIVERSITY                     | 1 R21 NS109521-01                                                |                                                | \$11,823                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 RF1 NS113285-01                      | UNIVERSITY OF NORTH CAROLINA              | 1 RF1 NS113285-01                                                |                                                | \$16,438                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS088312-01                      | MASSACHUSETTS GENERAL HOSPITAL            | 1 U01 NS088312-01                                                |                                                | \$20,908                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS090259-02                      | MASSACHUSETTS GENERAL HOSPITAL            | 1 U01 NS090259-02                                                |                                                | \$2,370                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS092764-01A1                    | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 U01 NS092764-01A1                                              |                                                | \$3,767                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS096767-01                      | MASSACHUSETTS GENERAL HOSPITAL            | 1 U01 NS096767-01                                                |                                                | \$17,742                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS100699-01A1                    | UNIVERSITY OF CINCINNATI                  | 1 U01 NS100699-01A1                                              |                                                | \$5,559                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U01 NS107486-01A1                    | UNIVERSITY OF UTAH                        | 1 U01 NS107486-01A1                                              |                                                | \$15,224                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 1 U24 NS114416-01                      | DUKE UNIVERSITY                           | 1 U24 NS114416-01                                                |                                                | \$13,816                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 2 U01 NS061799-07                      | UNIVERSITY OF ROCHESTER                   | 2 U01 NS061799-07                                                |                                                | \$878                       | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 4 R33 NS109521-02                      | VANDERBILT UNIVERSITY                     | 4 R33 NS109521-02                                                |                                                | \$12,802                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS049251-11                      | VANDERBILT UNIVERSITY                     | 5 R01 NS049251-11                                                |                                                | \$27,664                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS095291-12                      | VANDERBILT UNIVERSITY                     | 5 R01 NS095291-12                                                |                                                | \$5,972                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS096238-04                      | VANDERBILT UNIVERSITY                     | 5 R01 NS096238-04                                                |                                                | \$19,438                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                 | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>          | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|------------------------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS097512-02                      | THE MCLEAN HOSPITAL CORPORATION                    | 5 R01 NS097512-02                                                |                                                | -\$1,533                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS097512-04                      | THE MCLEAN HOSPITAL CORPORATION                    | 5 R01 NS097512-04                                                |                                                | \$56,000                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS102371-02                      | MASSACHUSETTS GENERAL HOSPITAL                     | 5 R01 NS102371-02                                                |                                                | \$17,150                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS102371-03                      | MASSACHUSETTS GENERAL HOSPITAL                     | 5 R01 NS102371-03                                                |                                                | \$4,406                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS104339-02                      | UNIVERSITY OF ALABAMA AT BIRMINGHAM                | 5 R01 NS104339-02                                                |                                                | \$9,836                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS104339-03                      | UNIVERSITY OF ALABAMA AT BIRMINGHAM                | 5 R01 NS104339-03                                                |                                                | \$14,053                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 R01 NS105746-02                      | MASSACHUSETTS GENERAL HOSPITAL                     | 5 R01 NS105746-02                                                |                                                | \$31,105                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U01 NS080168-05                      | MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH | 5 U01 NS080168-05                                                |                                                | \$25,146                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U01 NS092764-04                      | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO          | 5 U01 NS092764-04                                                |                                                | \$26,559                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 5 U01 NS095869-02                      | UNIVERSITY OF CINCINNATI                           | 5 U01 NS095869-02                                                |                                                | \$9,265                     | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS | 93.853                           | 7 R01 NS097821-05                      | BARROW NEUROLOGICAL INSTITUTE                      | 7 R01 NS097821-05                                                |                                                | \$46,567                    | \$10,035,909                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 F32 AI143005-01                      |                                                    |                                                                  |                                                | \$34,898                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 K08 AI151100-01                      |                                                    |                                                                  |                                                | \$29,469                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 K23 AI141621-02                      |                                                    |                                                                  |                                                | \$167,566                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 K24 AI148459-01                      |                                                    |                                                                  |                                                | \$10,889                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI125642-04                      |                                                    |                                                                  | \$187,534                                      | \$681,955                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI131771-03                      |                                                    |                                                                  | \$249,618                                      | \$529,461                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI134036-03                      |                                                    |                                                                  | \$126,116                                      | \$387,952                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI137082-01A1                    |                                                    |                                                                  | \$1,600                                        | \$239,349                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI139046-01A1                    |                                                    |                                                                  |                                                | \$214,640                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI141448-01A1                    |                                                    |                                                                  |                                                | \$208,892                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI143710-01                      |                                                    |                                                                  | \$1,320                                        | \$214,414                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI145992-01A1                    |                                                    |                                                                  |                                                | \$61,149                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI149722-01                      |                                                    |                                                                  |                                                | \$224,186                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI150701-01                      |                                                    |                                                                  |                                                | \$67,575                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI151210-01                      |                                                    |                                                                  |                                                | \$121,937                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R01 AI153167-01                      |                                                    |                                                                  |                                                | \$9,600                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R13 AI147694-01                      |                                                    |                                                                  |                                                | \$7,864                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI128281-02                      |                                                    |                                                                  |                                                | \$84,676                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI139012-01-02                   |                                                    |                                                                  | \$164,681                                      | \$186,455                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI142042-01A1                    |                                                    |                                                                  | \$3,926                                        | \$251,758                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI142321-01A1                    |                                                    |                                                                  |                                                | \$123,536                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI144193-01-02                   |                                                    |                                                                  |                                                | \$129,051                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI145686-01A1                    |                                                    |                                                                  |                                                | \$19,297                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI149207-01                      |                                                    |                                                                  |                                                | \$88,477                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI149262-01A1                    |                                                    |                                                                  |                                                | \$9,013                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI149303-01                      |                                                    |                                                                  |                                                | \$28,641                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI150302-01                      |                                                    |                                                                  |                                                | \$5,630                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI150384-01A1                    |                                                    |                                                                  |                                                | \$49,996                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI153769-01                      |                                                    |                                                                  |                                                | \$6,724                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI154016-01                      |                                                    |                                                                  |                                                | \$28,517                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R21 AI154064-01                      |                                                    |                                                                  |                                                | \$8,870                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R34 AI136815-01                      |                                                    |                                                                  | \$22,317                                       | \$100,573                   | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 R56 AI118361-01A1                    |                                                    |                                                                  |                                                | \$1,023                     | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 U01 AI150739-01                      |                                                    |                                                                  |                                                | \$43,468                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH                             | 93.855                           | 1 UM1 AI148452-01                      |                                                    |                                                                  | \$5,078                                        | \$92,133                    | \$38,584,082                 | RESEARCH AND DEVELOPMENT | \$357,858,137        |

# Vanderbilt University Medical Center

## Schedule of Expenditures of Federal Awards and State Financial Assistance

Fiscal Period 7/1/2019 – 6/30/2020

| Federal Awarding Agency/Program Title                     | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-----------------------------------------------------------|---------------------------|---------------------------------|------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 P30 AI110527-06               |                                    |                                                           |                                         | \$260,596            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 R01 AI051448-18               |                                    |                                                           |                                         | \$381,739            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 R01 AI093234-07:08            |                                    |                                                           | \$192,637                               | \$401,551            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 R56 AI076121-10A1             |                                    |                                                           |                                         | \$186,843            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 F32 AI143005-02               |                                    |                                                           |                                         | \$26,402             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K01 AI131895-04               |                                    |                                                           |                                         | \$103,044            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K08 AI106420-06               |                                    |                                                           | \$8,931                                 | \$27,944             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K08 AI113107-05               |                                    |                                                           |                                         | \$23,047             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K08 AI116949-06               |                                    |                                                           |                                         | \$55,961             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K23 AI113150-06               |                                    |                                                           |                                         | \$68,068             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K23 AI118804-06               |                                    |                                                           |                                         | \$169,479            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 K23 AI120875-06               |                                    |                                                           |                                         | \$153,497            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 P30 AI110527-04               |                                    |                                                           | -\$4,113                                | \$0                  | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 P30 AI110527-05               |                                    |                                                           | \$557,133                               | \$1,396,180          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI039657-23               |                                    |                                                           | \$131,242                               | \$559,918            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI044924-19               |                                    |                                                           | \$15,326                                | \$246,003            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI073843-11               |                                    |                                                           |                                         | \$222,598            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI077505-11               |                                    |                                                           | \$225,910                               | \$412,404            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI095755-08               |                                    |                                                           | \$8,399                                 | \$523,929            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI101171-09               |                                    |                                                           | \$152,355                               | \$600,602            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI107052-06               |                                    |                                                           |                                         | \$156,557            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    | COVID-19 5 R01 AI108197-08      |                                    |                                                           | \$340,695                               | \$896,500            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI113292-06               |                                    |                                                           |                                         | \$453,819            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI114816-06               |                                    |                                                           | \$370,632                               | \$512,572            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI120790-04               |                                    |                                                           | \$160,504                               | \$390,931            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI124456-04               |                                    |                                                           | \$17,645                                | \$383,003            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI127828-02               |                                    |                                                           | \$330,057                               | \$563,999            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI130459-04               |                                    |                                                           |                                         | \$324,252            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI131722-04               |                                    |                                                           | \$10,219                                | \$569,519            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI132560-04               |                                    |                                                           |                                         | \$428,079            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI136526-02               |                                    |                                                           | \$266,849                               | \$539,782            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI138581-02               |                                    |                                                           | \$317,087                               | \$477,045            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI139172-02               |                                    |                                                           |                                         | \$450,068            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI142095-02               |                                    |                                                           |                                         | \$490,138            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI145265-02               |                                    |                                                           |                                         | \$547,662            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI147765-02               |                                    |                                                           | \$264,397                               | \$420,605            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI121549-02               |                                    |                                                           | \$196,746                               | \$196,746            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI121796-02               |                                    |                                                           |                                         | \$68,440             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI127129-02               |                                    |                                                           |                                         | \$21,167             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI129950-02               |                                    |                                                           |                                         | \$164,225            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI139021-02               |                                    |                                                           |                                         | \$169,378            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI145397-02               |                                    |                                                           |                                         | \$273,213            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI146698-02               |                                    |                                                           |                                         | \$201,545            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI147768-02               |                                    |                                                           |                                         | \$241,225            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R24 AI124872-05               |                                    |                                                           | \$171,692                               | \$893,344            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 T32 AI007474-25               |                                    |                                                           |                                         | \$19,804             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 T32 AI007474-26               |                                    |                                                           |                                         | \$233,013            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 T32 AI095202-09               |                                    |                                                           |                                         | \$23,037             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 T32 AI095202-10               |                                    |                                                           |                                         | \$227,906            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI069923-13               |                                    |                                                           |                                         | -\$335               | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI069923-14               |                                    |                                                           | \$328,022                               | \$328,022            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI069923-15               |                                    |                                                           | \$411,791                               | \$1,055,983          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI104336-06               |                                    |                                                           | \$92,389                                | \$92,389             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI125135-02               |                                    |                                                           | -\$31                                   | -\$31                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI125135-03               |                                    |                                                           | \$424,653                               | \$689,153            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI132004-02               |                                    |                                                           | \$161,243                               | \$188,027            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                     | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity            | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-----------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI132004-03               |                                               |                                                           | \$21,197                                | \$755,948            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U19 AI095227-09               |                                               |                                                           | \$152,380                               | \$232,644            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U19 AI095227-10               |                                               |                                                           | \$46,975                                | \$1,145,222          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U19 AI117905-04               |                                               |                                                           |                                         | \$25,751             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U19 AI117905-05               |                                               |                                                           | \$1,544,689                             | \$2,568,390          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI069439-14               |                                               |                                                           | \$586,299                               | \$1,425,442          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI069439-15               |                                               |                                                           | -\$39                                   | \$1,182,684          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 6 R01 AI069233-12               |                                               |                                                           |                                         | \$467,192            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 6 R01 AI118932-02               |                                               |                                                           | \$237,739                               | \$643,117            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 7 K23 AI106406-05               |                                               |                                                           | \$4,054                                 | \$34,958             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R01 AI137523-01               | STANFORD UNIVERSITY                           | 1 R01 AI137523-01                                         |                                         | \$284,426            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R01 AI141661-01               | UNIVERSITY OF TEXAS                           | 1 R01 AI141661-01                                         |                                         | \$43,748             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R01 AI148707-01               | UNIVERSITY OF WISCONSIN                       | 1 R01 AI148707-01                                         |                                         | \$16,521             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R01 AI150292-01A1             | BRIGHAM AND WOMEN'S HOSPITAL                  | 1 R01 AI150292-01A1                                       |                                         | \$11,178             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R01 AI136740-01A1             | MEHARRY MEDICAL COLLEGE                       | 1 R01 AI136740-01A1                                       |                                         | \$57,359             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R21 AI128418-01A1             | OHIO STATE UNIVERSITY                         | 1 R21 AI128418-01A1                                       |                                         | -\$2,095             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R21 AI149255-01               | UNIVERSITY OF CALIFORNIA, IRVINE              | 1 R21 AI149255-01                                         |                                         | \$1,717              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF TEXAS SOUTHWESTERN              |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R34 AI134569-01A1             | MEDICAL CENTER AT DALLAS                      | 1 R34 AI134569-01A1                                       |                                         | \$12,354             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R41 AI140945-01A1             | IDBIOLOGICS, LLC                              | 1 R41 AI140945-01A1                                       |                                         | \$10,004             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R41 AI141302-01               | BLUE RIDGE BIOSCIENCES                        | 1 R41 AI141302-01                                         |                                         | -\$20                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 R41 AI148019-01               | IDBIOLOGICS, LLC                              | 1 R41 AI148019-01                                         |                                         | \$53,933             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 T32 AI138932-01A1             | VANDERBILT UNIVERSITY                         | 1 T32 AI138932-01A1                                       |                                         | \$242                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U01 AI126612-01A1             | CHILDREN'S HOSPITAL LOS ANGELES               | 1 U01 AI126612-01A1                                       |                                         | \$7,601              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U01 AI136816-02               | MASSACHUSETTS GENERAL HOSPITAL                | 1 U01 AI136816-02                                         |                                         | \$630                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF ALABAMA AT BIRMINGHAM           |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI109680-05               |                                               | 1 U19 AI109680-05                                         |                                         | -\$2,095             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF ALABAMA AT BIRMINGHAM           |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142759-01               |                                               | 1 U19 AI142759-01                                         |                                         | \$328,509            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142764-01               | HENRY M. JACKSON FOUNDATION                   | 1 U19 AI142764-01                                         | \$8,813                                 | \$705,914            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142764-02               | HENRY M. JACKSON FOUNDATION                   | 1 U19 AI142764-02                                         |                                         | \$183,669            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142785-01               | UNIVERSITY OF TEXAS                           | 1 U19 AI142785-01                                         |                                         | \$1,151,011          | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142785-02               | UNIVERSITY OF TEXAS                           | 1 U19 AI142785-02                                         |                                         | \$391,688            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142790-01               | IMMUNOLOGY                                    | 1 U19 AI142790-01                                         |                                         | \$592,538            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142790-01               | LA JOLLA PHARMA                               | 1 U19 AI142790-01                                         |                                         | -\$4,300             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 U19 AI142790-02               | IMMUNOLOGY                                    | 1 U19 AI142790-02                                         |                                         | \$49,437             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 1 UM1 AI148684-01               | EMORY UNIVERSITY                              | 1 UM1 AI148684-01                                         |                                         | \$31,034             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 R01 AI085062-07A1             | UNIVERSITY OF PITTSBURGH                      | 2 R01 AI085062-07A1                                       |                                         | -\$410               | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 R01 AI108884-06               | UNIVERSITY OF NOTRE DAME                      | 2 R01 AI108884-06                                         |                                         | \$3,851              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 UM1 AI068632-13               | JOHNS HOPKINS UNIVERSITY                      | 2 UM1 AI068632-13                                         |                                         | \$3,497              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 UM1 AI104681-08               | DUKE UNIVERSITY                               | 2 UM1 AI104681-08                                         |                                         | \$17,626             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 2 UM1 AI104681-08               | DUKE UNIVERSITY                               | 2 UM1 AI104681-08                                         |                                         | \$17,626             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 3 R01 AI132178-03S1             | UNIVERSITY OF NORTH CAROLINA                  | 3 R01 AI132178-03S1                                       |                                         | \$635                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           | COVID-19 3 UM1 AI148684-01S1    | EMORY UNIVERSITY                              | 3 UM1 AI148684-01S1                                       |                                         | \$103,612            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    | 5 P01 AI106695-04               | UNIVERSITY OF CALIFORNIA, BERKELEY            | 5 P01 AI106695-04                                         |                                         | \$88                 | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 P01 AI106695-05               | UNIVERSITY OF CALIFORNIA, BERKELEY            | 5 P01 AI106695-05                                         |                                         | \$376,426            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AG046116-05               | UNIVERSITY OF KENTUCKY                        | 5 R01 AG046116-05                                         |                                         | \$78,791             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI073755-11               | WASHINGTON UNIVERSITY IN ST. LOUIS            | 5 R01 AI073755-11                                         |                                         | \$70,208             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI089999-08               | UNIVERSITY OF HAWAII                          | 5 R01 AI089999-08                                         |                                         | \$10,110             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI112295-05               | UNIVERSITY OF EDUARDO MONDLANE                | 5 R01 AI112295-05                                         |                                         | \$46,052             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI117211-04               | UNIVERSITY OF SOUTHERN CALIFORNIA             | 5 R01 AI117211-04                                         |                                         | \$56,315             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI123001-02               | BRIGHAM AND WOMEN'S HOSPITAL                  | 5 R01 AI123001-02                                         |                                         | \$737                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI125363-03               | WASHINGTON UNIVERSITY IN ST. LOUIS            | 5 R01 AI125363-03                                         |                                         | \$20,406             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI127469-03               | JOHNS HOPKINS UNIVERSITY                      | 5 R01 AI127469-03                                         |                                         | \$40,758             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                     | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity                        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|-----------------------------------------------------------|---------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI127469-04               | JOHNS HOPKINS UNIVERSITY                                  | 5 R01 AI127469-04                                         |                                         | \$14,143             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI132178-02               | UNIVERSITY OF NORTH CAROLINA                              | 5 R01 AI132178-02                                         |                                         | \$387,183            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI134430-02               | BOSTON UNIVERSITY                                         | 5 R01 AI134430-02                                         |                                         | \$68,144             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF ALABAMA AT BIRMINGHAM                       |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI134648-03               | BIRMINGHAM                                                | 5 R01 AI134648-03                                         |                                         | \$305,338            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI139406-02               | EMORY UNIVERSITY                                          | 5 R01 AI139406-02                                         |                                         | \$6,773              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI141661-02               | UNIVERSITY OF TEXAS                                       | 5 R01 AI141661-02                                         |                                         | \$60,455             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R01 AI143370-02               | DUKE UNIVERSITY                                           | 5 R01 AI143370-02                                         |                                         | \$4,944              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 T32 AI112541-05               | VANDERBILT UNIVERSITY                                     | 5 T32 AI112541-05                                         |                                         | \$6,993              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI069918-13               | JOHNS HOPKINS UNIVERSITY                                  | 5 U01 AI069918-13                                         |                                         | -\$72                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI069918-14               | JOHNS HOPKINS UNIVERSITY                                  | 5 U01 AI069918-14                                         |                                         | \$117,771            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI096299-11               | UNIVERSITY OF ALABAMA AT BIRMINGHAM                       | 5 U01 AI096299-11                                         |                                         | \$76,147             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF ALABAMA AT BIRMINGHAM                       |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U19 AI142759-02               | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 U19 AI142759-02                                         |                                         | \$176,166            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068614-13               | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 UM1 AI068614-13                                         |                                         | -\$855               | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | FRED HUTCHINSON CANCER RESEARCH CENTER                    |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068614-13               | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 UM1 AI068614-13                                         |                                         | \$22,617             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068614-13               | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 UM1 AI068614-13                                         |                                         | \$18,010             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    | COVID-19 5 UM1 AI068614-14      | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 UM1 AI068614-14                                         |                                         | \$1,632              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | FRED HUTCHINSON CANCER RESEARCH CENTER                    |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068614-14               | FRED HUTCHINSON CANCER RESEARCH CENTER                    | 5 UM1 AI068614-14                                         |                                         | \$52,400             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068619-12               | FAMILY HEALTH INTERNATIONAL                               | 5 UM1 AI068619-12                                         | \$90,749                                | \$90,749             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068632-14               | JOHNS HOPKINS UNIVERSITY                                  | 5 UM1 AI068632-14                                         |                                         | \$2,194              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068636-13               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI068636-13                                         |                                         | \$2,853              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068636-13               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI068636-13                                         |                                         | \$83,812             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI068636-14               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI068636-14                                         |                                         | \$6,059              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI106701-06               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI106701-06                                         |                                         | \$243,908            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI106701-07               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI106701-07                                         |                                         | \$47,410             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI109565-05               | BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON             | 5 UM1 AI109565-05                                         |                                         | \$252                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON             |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 UM1 AI109565-06               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 5 UM1 AI109565-06                                         |                                         | \$29,192             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 7 UM1 AI068636-13               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 7 UM1 AI068636-13                                         |                                         | \$5,863              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 7 UM1 AI068636-14               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 7 UM1 AI068636-14                                         |                                         | \$8,379              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 7 UM1 AI068636-14               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES                   | 7 UM1 AI068636-14                                         |                                         | \$99,376             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | WASHINGTON UNIVERSITY IN ST. LOUIS                        |                                                           |                                         |                      |                       |                          |               |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | HHSN272201400018C               | INTEGRAL MOLECULAR                                        | HHSN272201400018C                                         |                                         | \$33,096             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | HHSN272201400058C               | INTEGRAL MOLECULAR                                        | HHSN272201400058C                                         |                                         | \$1,353              | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 R21 AI121549-02               |                                                           |                                                           |                                         | -\$135,744           | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI104336-06               |                                                           |                                                           |                                         | -\$67,719            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH          | 93.855                    | 5 U01 AI125135-02               |                                                           |                                                           |                                         | -\$2,735             | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
|                                                           |                           |                                 | COVID-19 1 R21 AI142321-01A1                              |                                                           |                                         |                      |                       |                          |               |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    | COVID-19 1 UM1 AI148452-01      |                                                           |                                                           |                                         | \$369                | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    |                                 |                                                           |                                                           |                                         | \$245,829            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                     | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total            |               |
|-----------------------------------------------------------|---------------------------|---------------------------------|------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|--------------------------|---------------|
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    | COVID-19 5 U19 AI095227-10      |                                    |                                                           |                                         | \$333,716            | \$38,584,082          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
|                                                           |                           | COVID-19 5 UM1 AI069439-15      |                                    |                                                           |                                         |                      | \$5,181               | \$38,584,082             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH | 93.855                    |                                 |                                    |                                                           |                                         | \$164,437            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 K23 GM129662-02               |                                    |                                                           |                                         | \$24,495             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 K23 GM134482-01A1             |                                    |                                                           |                                         |                      |                       | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM126062-01A1             |                                    |                                                           | \$8,330                                 | \$516,225            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM130791-01A1             |                                    |                                                           | \$12,911                                | \$312,422            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM132204-01               |                                    |                                                           |                                         | \$214,777            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM133169-01               |                                    |                                                           |                                         | \$59,214             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R35 GM131770-01               |                                    |                                                           |                                         | \$194,709            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 2 T32 GM108554-07               |                                    |                                                           |                                         | \$277,477            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 K08 GM117367-05               |                                    |                                                           |                                         | \$129,837            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 K08 GM123445-03               |                                    |                                                           |                                         | \$185,669            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 K23 GM110469-04               |                                    |                                                           |                                         | \$55,540             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 K23 GM117395-05               |                                    |                                                           |                                         | \$55,966             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 P50 GM115305-05               |                                    |                                                           | -\$1,229                                | \$2,091              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 P50 GM115305-06               |                                    |                                                           | \$24,753                                | \$2,182,260          | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM099924-07               |                                    |                                                           |                                         | \$1,269              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM103859-04               |                                    |                                                           |                                         | -\$1,950             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM109145-05               |                                    |                                                           |                                         | \$19,361             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM112871-06               |                                    |                                                           |                                         | \$282,663            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM115353-04               |                                    |                                                           | \$4,637                                 | \$128,260            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM118300-04               |                                    |                                                           |                                         | \$225,960            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM120484-04               |                                    |                                                           | \$28,306                                | \$860,233            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM120523-05               |                                    |                                                           |                                         | \$341,412            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM121711-04               |                                    |                                                           |                                         | \$351,075            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM124109-04               |                                    |                                                           |                                         | \$346,765            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM126535-02               |                                    |                                                           |                                         | \$385,116            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R35 GM124685-03               |                                    |                                                           | \$15,453                                | \$195,808            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R35 GM131770-02               |                                    |                                                           |                                         | \$93,230             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 T32 GM007569-43               |                                    |                                                           |                                         | \$12,519             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 T32 GM007569-44               |                                    |                                                           |                                         | \$437,253            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 T32 GM108554-06               |                                    |                                                           |                                         | \$2,367              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5T32GM007569-45                 |                                    |                                                           | \$22,650                                | \$31,502             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM108807-01A1-02          | CHILDRENS HOSPITAL OF PHILADELPHIA | 1 R01 GM108807-01A1-02                                    | -\$1,327                                | -\$1,327             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM119197-01               | EAST TENNESSEE STATE UNIVERSITY    | 1 R01 GM119197-01                                         |                                         | \$227,062            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R35 GM125028-01               | VANDERBILT UNIVERSITY              | 1 R35 GM125028-01                                         |                                         | \$3,868              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 2 R01 GM076592-10               | VANDERBILT UNIVERSITY              | 2 R01 GM076592-10                                         |                                         | \$59                 | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 P50 GM082251-12               | UNIVERSITY OF PITTSBURGH           | 5 P50 GM082251-12                                         |                                         | \$4,381              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEACH TRAINING                  | 93.859                    | 5 R01 GM076592-11               | VANDERBILT UNIVERSITY              | 5 R01 GM076592-11                                         |                                         | \$25,225             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM076592-12               | VANDERBILT UNIVERSITY              | 5 R01 GM076592-12                                         |                                         | \$5,108              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM117473-02               | DUKE UNIVERSITY                    | 5 R01 GM117473-02                                         |                                         | \$18,942             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM117473-03               | DUKE UNIVERSITY                    | 5 R01 GM117473-03                                         |                                         | \$39,485             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM117916-03               | VANDERBILT UNIVERSITY              | 5 R01 GM117916-03                                         |                                         | \$3,216              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM118412-02               | VANDERBILT UNIVERSITY              | 5 R01 GM118412-02                                         |                                         | \$7,602              | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM118412-03               | VANDERBILT UNIVERSITY              | 5 R01 GM118412-03                                         |                                         | \$53,243             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R01 GM129783-02               | CHILDREN'S MERCY HOSPITAL          | 5 R01 GM129783-02                                         |                                         | \$10,578             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
|                                                           |                           | CINCINNATI CHILDREN'S HOSPITAL  |                                    |                                                           |                                         |                      |                       |                          |                          |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 5 R35 GM126943-02               | MEDICAL CENTER                     | 5 R35 GM126943-02                                         |                                         | \$15,953             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 8 P50 AI150481-13               | UNIVERSITY OF PITTSBURGH           | 8 P50 AI150481-13                                         |                                         | \$199,359            | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| BIOMEDICAL RESEARCH AND RESEARCH TRAINING                 | 93.859                    | 1 R01 GM108807-01A1-02          |                                    |                                                           |                                         | -\$5,008             | \$8,695,708           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH    | 93.865                    | 1 F32 HD100087-01A1             |                                    |                                                           |                                         | \$9,576              | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH    | 93.865                    | 1 R01 HD98719-01                |                                    |                                                           |                                         | \$263,118            | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH    | 93.865                    | 1 R21 HD097992-01               |                                    |                                                           | \$11,282                                | \$19,179             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH    | 93.865                    | 2 R01 HD071089-06A1             |                                    |                                                           | \$37,922                                | \$171,502            | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH    | 93.865                    | 5 K12 HD043483-18               |                                    |                                                           |                                         | \$33,613             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>           | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|--------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 K12 HD043483-19                      |                                           |                                                                  |                                                | \$388,772                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 K12 HD087023-05                      |                                           |                                                                  |                                                | \$108,748                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 K12 HD087023-06                      |                                           |                                                                  |                                                | \$190,676                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD059794-11                      |                                           |                                                                  | \$49,615                                       | \$49,615                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD074584-06                      |                                           |                                                                  |                                                | \$39,302                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD074711-05                      |                                           |                                                                  |                                                | \$87,096                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD076983-06                      |                                           |                                                                  | \$56,979                                       | \$248,501                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD081121-05                      |                                           |                                                                  | \$102,974                                      | \$102,974                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD081121-06                      |                                           |                                                                  | \$73,126                                       | \$73,126                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD084461-06                      |                                           |                                                                  |                                                | \$460,372                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD084500-05                      |                                           |                                                                  | \$34,793                                       | \$167,062                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD084500-06                      |                                           |                                                                  |                                                | \$130,100                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD086792-05                      |                                           |                                                                  | \$128,296                                      | \$412,897                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD088662-03                      |                                           |                                                                  | \$22,241                                       | \$262,246                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD090061-04                      |                                           |                                                                  | \$156,457                                      | \$648,738                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD093671-03                      |                                           |                                                                  | \$94,986                                       | \$519,657                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD094946-02                      |                                           |                                                                  |                                                | \$460,653                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD097344-02                      |                                           |                                                                  |                                                | \$450,289                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD098213-02                      |                                           |                                                                  |                                                | \$367,547                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R21 HD080148-03                      |                                           |                                                                  |                                                | \$812                       | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R21 HD088830-02                      |                                           |                                                                  |                                                | \$59,324                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 T32 HD060554-09                      |                                           |                                                                  |                                                | -\$88,836                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 T32 HD060554-10                      |                                           |                                                                  |                                                | \$445,356                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 U01 HD076733-05                      |                                           |                                                                  | \$25,203                                       | \$46,958                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 U01 HD076733-06                      |                                           |                                                                  | \$100,458                                      | \$304,912                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 U54 HD083211-05                      |                                           |                                                                  | \$78,454                                       | \$78,454                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 U54 HD083211-06                      |                                           |                                                                  | \$313,734                                      | \$1,379,076                 | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| GEORGIA REGENTS UNIVERSITY/MEDICAL                     |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                          |                      |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R01 HD092505-01A1                    | COLLEGE OF GA                             | 1 R01 HD092505-01A1                                              |                                                | \$28,070                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R01 HD093661-02                      | CASE WESTERN RESERVE UNIVERSITY           | 1 R01 HD093661-02                                                |                                                | \$45,276                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NORTHSHORE UNIVERSITY                                  |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                          |                      |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R01 HD096332-01                      | HEALTHSYSTEM                              | 1 R01 HD096332-01                                                |                                                | \$541                       | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R21 HD098454-01A1                    | VANDERBILT UNIVERSITY                     | 1 R21 HD098454-01A1                                              |                                                | \$18,468                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R43 HD095351-01                      | PRAGMADIX INC                             | 1 R43 HD095351-01                                                |                                                | \$621                       | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 1 R61 HD099742-01                      | WASHINGTON UNIVERSITY IN ST. LOUIS        | 1 R61 HD099742-01                                                |                                                | \$81,332                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 2 K12 HD047349-16                      | UNIVERSITY OF UTAH                        | 2 K12 HD047349-16                                                |                                                | \$7,947                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 2 R01 HD024356-24                      | UNIVERSITY OF CALIFORNIA, DAVIS           | 2 R01 HD024356-24                                                |                                                | -\$5,115                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 2 R01 HD024356-25                      | UNIVERSITY OF CALIFORNIA, DAVIS           | 2 R01 HD024356-25                                                |                                                | \$167,962                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 2 R01 HD067126-07                      | UNIVERSITY OF MARYLAND                    | 2 R01 HD067126-07                                                |                                                | \$8,225                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 2 R01 HD093665-02                      | TULANE UNIVERSITY                         | 2 R01 HD093665-02                                                |                                                | \$17,095                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 3 UG3 HD096920-02S1                    | NORTHWESTERN UNIVERSITY                   | 3 UG3 HD096920-02S1                                              |                                                | \$33,921                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 K12 HD000850-34                      | DUKE UNIVERSITY                           | 5 K12 HD000850-34                                                |                                                | \$111,752                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD044073-14                      | VANDERBILT UNIVERSITY                     | 5 R01 HD044073-14                                                |                                                | \$1,291                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD064727-10                      | VANDERBILT UNIVERSITY                     | 5 R01 HD064727-10                                                |                                                | \$4,223                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD079625-05                      | UNIVERSITY OF TEXAS                       | 5 R01 HD079625-05                                                |                                                | \$34,433                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD081044-02                      | DUKE UNIVERSITY                           | 5 R01 HD081044-02                                                |                                                | \$572                       | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD081120-05                      | NATIONWIDE CHILDREN'S HOSPITAL            | 5 R01 HD081120-05                                                |                                                | \$22,654                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD083181-02                      | BAYLOR COLLEGE                            | 5 R01 HD083181-02                                                |                                                | \$210,406                   | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD084606-03                      | WAKE FOREST UNIVERSITY                    | 5 R01 HD084606-03                                                |                                                | \$7,301                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD089474-03                      | VANDERBILT UNIVERSITY                     | 5 R01 HD089474-03                                                |                                                | \$12,574                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD089474-03                      | VANDERBILT UNIVERSITY                     | 5 R01 HD089474-03                                                |                                                | \$1,276                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD089474-03                      | VANDERBILT UNIVERSITY                     | 5 R01 HD089474-03                                                |                                                | \$2,538                     | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NORTHSHORE UNIVERSITY                                  |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                          |                      |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 R01 HD096332-02                      | HEALTHSYSTEM                              | 5 R01 HD096332-02                                                |                                                | \$18,646                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| UNIVERSITY OF ALABAMA AT BIRMINGHAM                    |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                          |                      |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                           | 5 U54 HD061222-13                      |                                           | 5 U54 HD061222-13                                                |                                                | \$74,252                    | \$8,773,959                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title                  | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total            |               |
|--------------------------------------------------------|---------------------------|---------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|--------------------------|---------------|
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 U54 HD061222-14               | UNIVERSITY OF ALABAMA AT BIRMINGHAM       | 5 U54 HD061222-14                                         |                                         | \$393                | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 U54 HD061222-15               | UNIVERSITY OF ALABAMA AT BIRMINGHAM       | 5 U54 HD061222-15                                         |                                         | \$52,388             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 7 R01 HD082127-05               | UNIVERSITY OF KANSAS                      | 7 R01 HD082127-05                                         |                                         | \$49,452             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | HHSN275201000003I               | DUKE UNIVERSITY                           | HHSN275201000003I                                         |                                         | \$7,001              | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 R01 HD059794-11               |                                           |                                                           |                                         | -\$17,651            | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 R01 HD081121-05               |                                           |                                                           |                                         | -\$102,974           | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 R01 HD081121-06               |                                           |                                                           |                                         | -\$9,593             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH | 93.865                    | 5 U54 HD083211-05               |                                           |                                                           |                                         | -\$2,733             | \$8,773,959           | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 F32 AG058395-01               |                                           |                                                           |                                         | -\$738               | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 F32 AG062045-01A1             |                                           |                                                           |                                         | \$54,382             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 K76 AG060001-01A1             |                                           |                                                           |                                         | \$208,306            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG058639-01A1             |                                           |                                                           | \$8,200                                 | \$505,897            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG061161-01A1             |                                           |                                                           |                                         | \$39,963             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG061351-01               |                                           |                                                           | \$205,812                               | \$443,875            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG061518-02               |                                           |                                                           | \$194,141                               | \$541,875            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG062574-01A1             |                                           |                                                           |                                         | \$62,109             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG062826-01A1             |                                           |                                                           |                                         | \$3,546              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG065249-01               |                                           |                                                           |                                         | \$29,666             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R03 AG060085-01               |                                           |                                                           |                                         | \$154,409            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R03 AG063217-01               |                                           |                                                           |                                         | \$79,492             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R21 AG059941-01               |                                           |                                                           |                                         | \$190,889            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R21 AG063126-01A1             |                                           |                                                           |                                         | \$51,212             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R21 AG065859-01               |                                           |                                                           |                                         | \$22,782             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 2 K24 AG046373-08               |                                           |                                                           |                                         | \$158,844            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 2 R01 AG034962-08A1             |                                           |                                                           |                                         | \$24,752             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 F32 AG058395-02               |                                           |                                                           |                                         | \$4,968              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 K01 AG049164-04               |                                           |                                                           |                                         | \$130,555            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 K01 AG058700-03               |                                           |                                                           |                                         | \$111,488            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 K23 AG045966-06               |                                           |                                                           |                                         | \$147,067            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 K76 AG054864-04               |                                           |                                                           |                                         | \$1,608              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG043471-06               |                                           |                                                           |                                         | \$2,330              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG047992-05               |                                           |                                                           | \$621,243                               | \$621,243            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG047992-06               |                                           |                                                           | \$2,065,890                             | \$2,228,560          | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG048915-04               |                                           |                                                           |                                         | 491877               | \$12,805,845          | RESEARCH AND DEVELOPMENT | 357858137                |               |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG053264-06               |                                           |                                                           |                                         | \$52,941             | \$633,796             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG056534-04               |                                           |                                                           |                                         | \$16,649             | \$840,831             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG058639-02               |                                           |                                                           |                                         | \$1,462              | \$602,568             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG058856-03               |                                           |                                                           |                                         |                      | \$443,528             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG059716-03               |                                           |                                                           |                                         | \$339,995            | \$881,860             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG061138-02               |                                           |                                                           |                                         | \$7,775              | \$446,515             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG061325-02               |                                           |                                                           |                                         | \$227,557            | \$472,989             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 5 R01 AG062499-02               |                                           |                                                           |                                         | \$2,114              | \$276,736             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 6 R01 AG034962-07               |                                           |                                                           |                                         |                      | \$288,347             | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 6 R01 AG035117-06               |                                           |                                                           |                                         |                      | \$519                 | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 7 R21 AG049332-03               |                                           |                                                           |                                         | \$32,648             | \$93,928              | \$12,805,845             | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG006159-01               | UNIVERSITY OF VERMONT                     | 1 R01 AG006159-01                                         |                                         | \$397,868            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG050716-04               | UNIVERSITY OF VERMONT                     | 1 R01 AG050716-04                                         |                                         | \$14,716             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG056368-01A1             | BRIGHAM AND WOMEN'S HOSPITAL              | 1 R01 AG056368-01A1                                       |                                         | -\$241               | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG062563-01               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 R01 AG062563-01                                         |                                         | \$25,002             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG062685-01A1             | VANDERBILT UNIVERSITY                     | 1 R01 AG062685-01A1                                       |                                         | \$3,150              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG064800-01               | UNIVERSITY OF WASHINGTON                  | 1 R01 AG064800-01                                         |                                         | \$78,989             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG064950-01               | VANDERBILT UNIVERSITY                     | 1 R01 AG064950-01                                         |                                         | \$2,141              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R01 AG064950-01               | VANDERBILT UNIVERSITY                     | 1 R01 AG064950-01                                         |                                         | \$42,142             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |
| AGING RESEARCH                                         | 93.866                    | 1 R24 AG054259-02               | HARVARD UNIVERSITY                        | 1 R24 AG054259-02                                         |                                         | \$14,456             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137            |               |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| Federal Awarding Agency/Program Title | Assistance Listing Number | Additional Award Identification | Name of Funder Pass-Through Entity        | Identifying Number Assigned By Funder Pass-Through Entity | Total Amount Provided to Sub-Recipients | Federal Expenditures | Federal Program Total | Cluster Name             | Cluster Total |
|---------------------------------------|---------------------------|---------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------|----------------------|-----------------------|--------------------------|---------------|
| AGING RESEARCH                        | 93.866                    | 1 R24 AG064025-01               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 1 R24 AG064025-01                                         |                                         | \$57,750             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 R44 AG055184-01               | METABOLIC TECHNOLOGIES, INC.              | 1 R44 AG055184-01                                         |                                         | \$7,374              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 R56 AG061522-01A1             | DARTMOUTH COLLEGE                         | 1 R56 AG061522-01A1                                       |                                         | \$38,082             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 R61 AG066543-01               | UNIVERSITY OF SOUTHERN CALIFORNIA         | 1 R61 AG066543-01                                         |                                         | \$2,835              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 RF1 AG059869-01               | JOHNS HOPKINS UNIVERSITY                  | 1 RF1 AG059869-01                                         |                                         | \$49,419             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 RF1 AG063755-01               | THE JACKSON LABORATORY                    | 1 RF1 AG063755-01                                         |                                         | \$56,380             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 T32 AG058524-01               | VANDERBILT UNIVERSITY                     | 1 T32 AG058524-01                                         |                                         | \$13,882             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 1 U19 AG065188-01               | DUKE UNIVERSITY                           | 1 U19 AG065188-01                                         |                                         | \$184,879            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 2 U19 AG024904-11               | UNIVERSITY OF SOUTHERN CALIFORNIA         | 2 U19 AG024904-11                                         |                                         | \$129,699            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 3 T32 AG058524-01S1             | VANDERBILT UNIVERSITY                     | 3 T32 AG058524-01S1                                       |                                         | \$13,774             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 3 T32 AG058524-02               | VANDERBILT UNIVERSITY                     | 3 T32 AG058524-02                                         |                                         | \$42,712             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 4 R44 AG058268-02               | XYKEN, LLC                                | 4 R44 AG058268-02                                         |                                         | \$5,584              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG037120-05               | UNIVERSITY OF MARYLAND                    | 5 R01 AG037120-05                                         |                                         | \$374                | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG054366-03               | UNIVERSITY OF CALIFORNIA AT LOS ANGELES   | 5 R01 AG054366-03                                         |                                         | \$386                | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG054622-02               | VANDERBILT UNIVERSITY                     | 5 R01 AG054622-02                                         |                                         | \$6,922              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG056368-02               | BRIGHAM AND WOMEN'S HOSPITAL              | 5 R01 AG056368-02                                         |                                         | \$13,473             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG059861-02               | OHIO STATE UNIVERSITY                     | 5 R01 AG059861-02                                         |                                         | \$53,595             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG062563-02               | UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO | 5 R01 AG062563-02                                         |                                         | \$10,906             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R24 AG052459-03               | HARVARD UNIVERSITY                        | 5 R24 AG052459-03                                         |                                         | \$4,426              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R24 AG054259-05               | HARVARD UNIVERSITY                        | 5 R24 AG054259-05                                         |                                         | \$1,459              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R44 AG055184-02               | VANDERBILT UNIVERSITY                     | 5 R44 AG055184-02                                         |                                         | -\$565               | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 T32 AG058524-02               | VANDERBILT UNIVERSITY                     | 5 T32 AG058524-02                                         |                                         | \$1,284              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 T32 AG058524-02               | VANDERBILT UNIVERSITY                     | 5 T32 AG058524-02                                         |                                         | \$49,882             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 T32 AG058524-02               | VANDERBILT UNIVERSITY                     | 5 T32 AG058524-02                                         |                                         | \$1,215              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 6 R01 AG047992-02               | UNIVERSITY OF SOUTHERN CALIFORNIA         | 6 R01 AG047992-02                                         |                                         | \$172,961            | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 9 R44 AG059371-02               | AVATAR MEDICAL LLC                        | 9 R44 AG059371-02                                         |                                         | \$4,921              | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| AGING RESEARCH                        | 93.866                    | 5 R01 AG047992-05               |                                           |                                                           |                                         | -\$8,111             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| COVID-19 AGING RESEARCH               | 93.866                    | COVID-19 1 R01 AG058639-01A1    |                                           |                                                           |                                         | \$19,550             | \$12,805,845          | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 1 U24 EY029893-01               |                                           |                                                           | \$385,743                               | \$497,576            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 2 P30 EY008126-32               |                                           |                                                           | \$62,815                                | \$396,912            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 2 R01 EY020496-06A1             |                                           |                                                           | -\$1,237                                | \$30,352             | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 K08 EY027464-04               |                                           |                                                           |                                         | \$198,672            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 K08 EY029006-03               |                                           |                                                           |                                         | \$172,156            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 P30 EY008126-31               |                                           |                                                           | \$84,309                                | \$143,936            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY007533-30               |                                           |                                                           |                                         | \$217,953            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY013760-13               |                                           |                                                           |                                         | \$1,581              | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY017427-12               |                                           |                                                           |                                         | \$372,405            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY020894-09               |                                           |                                                           |                                         | \$301,017            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY022349-09               |                                           |                                                           | \$51,631                                | \$587,924            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY022618-06               |                                           |                                                           | \$18,534                                | \$25,584             | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY023240-05               |                                           |                                                           |                                         | \$45,126             | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY023397-06               |                                           |                                                           |                                         | -\$4,550             | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY023397-08               |                                           |                                                           |                                         | \$299,173            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY024373-05               |                                           |                                                           |                                         | \$216,808            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY024997-06               |                                           |                                                           |                                         | \$191,783            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY027746-03               |                                           |                                                           |                                         | \$410,568            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY028133-02               |                                           |                                                           | \$49,309                                | \$203,313            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 R01 EY029693-02               |                                           |                                                           | \$57,127                                | \$379,227            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 U01 EY027265-03               |                                           |                                                           | \$146,753                               | \$380,384            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 5 U24 EY029893-02               |                                           |                                                           | \$148,496                               | \$576,236            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 7 R01 EY024063-04               |                                           |                                                           |                                         | \$370,497            | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 1 R01 EY030490-01               | VANDERBILT UNIVERSITY                     | 1 R01 EY030490-01                                         |                                         | \$2,520              | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |
| VISION RESEARCH                       | 93.867                    | 1 U10 EY026869-01               | NEW YORK UNIVERSITY                       | 1 U10 EY026869-01                                         |                                         | \$539                | \$6,696,100           | RESEARCH AND DEVELOPMENT | \$357,858,137 |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                                  | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Award Pass-Through Entity</i>                           | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|-----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| VISION RESEARCH                                                                               | 93.867                           | 1 U24 EY029903-01                      | STANFORD UNIVERSITY                                                       | 1 U24 EY029903-01                                                |                                                | \$52,592                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 1 UG1 EY028091-01A1                    | JOHNS HOPKINS UNIVERSITY                                                  | 1 UG1 EY028091-01A1                                              |                                                | \$625                       | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 2 R01 EY002686-42                      | VANDERBILT UNIVERSITY                                                     | 2 R01 EY002686-42                                                |                                                | \$7,302                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 2 UG1 EY011751-23                      | JAEB CENTER FOR HEALTH RESEARCH                                           | 2 UG1 EY011751-23                                                |                                                | \$7,580                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 2 UG1 EY011751-23                      | JAEB CENTER FOR HEALTH RESEARCH                                           | 2 UG1 EY011751-23                                                |                                                | \$64,439                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 2 UG1 EY011751-23                      | JAEB CENTER FOR HEALTH RESEARCH                                           | 2 UG1 EY011751-23                                                |                                                | \$27,860                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 2 UG1 EY023533-06                      | UNIVERSITY OF PENNSYLVANIA                                                | 2 UG1 EY023533-06                                                |                                                | \$1,499                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 R01 EY027729-02                      | VANDERBILT UNIVERSITY                                                     | 5 R01 EY027729-02                                                |                                                | \$34,745                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 R01 EY027729-03                      | VANDERBILT UNIVERSITY                                                     | 5 R01 EY027729-03                                                |                                                | \$92,493                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 R21 EY028671-02                      | AUGUSTA UNIVERSITY                                                        | 5 R21 EY028671-02                                                |                                                | \$1,874                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 T32 EY007135-24                      | VANDERBILT UNIVERSITY                                                     | 5 T32 EY007135-24                                                |                                                | \$4,609                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 T32 EY007135-25                      | VANDERBILT UNIVERSITY                                                     | 5 T32 EY007135-25                                                |                                                | \$51,928                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 T32 EY021453-08                      | VANDERBILT UNIVERSITY                                                     | 5 T32 EY021453-08                                                |                                                | \$45,632                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 U01 EY023533-05                      | UNIVERSITY OF PENNSYLVANIA                                                | 5 U01 EY023533-05                                                |                                                | -\$1,426                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 U10 EY011751-22                      | JAEB CENTER FOR HEALTH RESEARCH                                           | 5 U10 EY011751-22                                                |                                                | \$112,337                   | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 U10 EY024527-04                      | JOHNS HOPKINS UNIVERSITY                                                  | 5 U10 EY024527-04                                                |                                                | \$30,602                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 U10 EY025990-02                      | MOUNT SINAI SCHOOL OF MEDICINE                                            | 5 U10 EY025990-02                                                |                                                | -\$3,696                    | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 U24 EY029903-02                      | STANFORD UNIVERSITY                                                       | 5 U24 EY029903-02                                                |                                                | \$141,195                   | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 UG1 EY025553-04                      | EMORY UNIVERSITY                                                          | 5 UG1 EY025553-04                                                |                                                | \$570                       | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| VISION RESEARCH                                                                               | 93.867                           | 5 UG1 EY028091-02                      | JOHNS HOPKINS UNIVERSITY                                                  | 5 UG1 EY028091-02                                                |                                                | \$5,648                     | \$6,696,100                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 1 R01 LM012854-01A1                    |                                                                           |                                                                  |                                                | \$221,380                   | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 2 R01 LM010685-09                      |                                                                           |                                                                  |                                                | \$796,217                   | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 R01 LM010207-09                      |                                                                           |                                                                  |                                                | \$321,301                   | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 7 R01 LM011966-05                      |                                                                           |                                                                  |                                                | \$197,685                   | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 7 R21 LM012448-03                      |                                                                           |                                                                  | \$26,858                                       | \$41,358                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 3 T15 LM007450-1752                    | VANDERBILT UNIVERSITY                                                     | 3 T15 LM007450-1752                                              |                                                | \$361                       | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 R01 LM012806-02                      | TEXAS HEALTH SCIENCE HOUSTON                                              | 5 R01 LM012806-02                                                |                                                | \$9,407                     | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 R01 LM012806-03                      | TEXAS HEALTH SCIENCE HOUSTON                                              | 5 R01 LM012806-03                                                |                                                | \$52,476                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-17                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-17                                                |                                                | \$54,796                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-17                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-17                                                |                                                | \$32,943                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-17                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-17                                                |                                                | \$7,502                     | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-17                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-17                                                |                                                | \$57,377                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-18                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-18                                                |                                                | \$69,742                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MEDICAL LIBRARY ASSISTANCE                                                                    | 93.879                           | 5 T15 LM007450-18                      | VANDERBILT UNIVERSITY                                                     | 5 T15 LM007450-18                                                |                                                | \$56,199                    | \$1,918,744                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM                                           | 93.889                           | 197578:ST TN                           | TN DEPARTMENT OF HEALTH                                                   | 197578:ST TN                                                     |                                                | \$6,000                     | \$6,000                      | N/A                      | \$0                  |
| COVID-19 ASSISTANT SECRETARY FOR PREPAREDNESS AND RESPONSE                                    | 93.899                           | COVID-19 U3 REP 200654-01-00           | TENNESSEE HOSPITAL ASSOCIATION METRO-NASH. AND DAVIDSON COUNTY, TENNESSEE | U3 REP 200654-01-00                                              |                                                | \$226,308                   | \$226,308                    | N/A                      | \$0                  |
| HIV EMERGENCY RELIEF PROJECT GRANTS                                                           | 93.914                           | 379959:METRO                           |                                                                           | 379959:METRO                                                     |                                                | \$643,203                   | \$643,203                    | N/A                      | \$0                  |
| HIV CARE FORMULA GRANTS                                                                       | 93.917                           | 34349-48620:ST TN                      | TN DEPARTMENT OF HEALTH                                                   | 34349-48620:ST TN                                                |                                                | \$238,307                   | \$968,488                    | N/A                      | \$0                  |
| HIV CARE FORMULA GRANTS                                                                       | 93.917                           | 63994:ST TN                            | TN DEPARTMENT OF HEALTH                                                   | 63994:ST TN                                                      |                                                | \$730,181                   | \$968,488                    | N/A                      | \$0                  |
| COVID-19 GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE | 93.918                           | COVID-19 1 H7C HA37168-01-00           |                                                                           |                                                                  |                                                | \$25,630                    | \$664,849                    | N/A                      | \$0                  |
| GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE          | 93.918                           | 5 H76 HA30761-04-00                    |                                                                           |                                                                  |                                                | \$538,310                   | \$664,849                    | N/A                      | \$0                  |
| GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE          | 93.918                           | 5 H76 HA30761-05-00                    |                                                                           |                                                                  |                                                | \$100,909                   | \$664,849                    | N/A                      | \$0                  |
| HIV PREVENTION ACTIVITIES_NON-GOVERNMENTAL ORGANIZATION BASED                                 | 93.939                           | 1 R01 CA225005-01A1                    |                                                                           |                                                                  | \$301,056                                      | \$633,809                   | \$633,809                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES                                             | 93.958                           | 60895:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES             | 60895:ST TN                                                      |                                                | \$2,430                     | \$3,135                      | N/A                      | \$0                  |
| PPHF GERIATRIC EDUCATION CENTERS                                                              | 93.969                           | 1 U1Q HP033085-01-00                   |                                                                           |                                                                  | \$183,961                                      | \$328,044                   | \$328,044                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                                  | 93.989                           | 1 D43 TW011544-01                      |                                                                           |                                                                  |                                                | \$8,112                     | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                                  | 93.989                           | 1 U2R TW011248-01                      |                                                                           |                                                                  | \$40,444                                       | \$144,167                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                                  | 93.989                           | 2 D43 TW009745-07                      |                                                                           |                                                                  |                                                | \$7,920                     | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                                  | 93.989                           | 2 R25 TW009722-07                      |                                                                           |                                                                  | \$36,710                                       | \$78,226                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                                  | 93.989                           | 5 D43 TW009337-08                      |                                                                           |                                                                  | \$357,429                                      | \$364,754                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                                        | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                     | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009337-09                      |                                                               |                                                                  | \$614,903                                      | \$1,068,861                 | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009744-04                      |                                                               |                                                                  |                                                | -\$468                      | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009744-05                      |                                                               |                                                                  | \$10,826                                       | \$10,826                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009744-06                      |                                                               |                                                                  | \$59,456                                       | \$240,056                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009745-05                      |                                                               |                                                                  |                                                | -\$11,068                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009745-06                      |                                                               |                                                                  | \$80,296                                       | \$304,435                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 R21 TW010899-02                      |                                                               |                                                                  | \$8,300                                        | \$88,853                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 R21 TW011327-02                      |                                                               |                                                                  |                                                | \$41,393                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 R25 TW009722-06                      |                                                               |                                                                  |                                                | -\$8,582                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 R25 TW009722-08                      |                                                               |                                                                  | \$71,562                                       | \$93,372                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 U2R TW011248-02                      |                                                               |                                                                  |                                                | \$12,026                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 3 R21 TW010620-02S1                    | PURDUE UNIVERSITY                                             | 3 R21 TW010620-02S1                                              |                                                | \$51,298                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW010559-02                      | UNIVERSITY OF CAPE TOWN (SOUTH AFRICA)                        | 5 D43 TW010559-02                                                |                                                | \$55,158                    | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 59823:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 59823:ST TN                                                      |                                                | \$102,997                   | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| INTERNATIONAL RESEARCH AND RESEARCH TRAINING                                        | 93.989                           | 5 D43 TW009744-05                      |                                                               |                                                                  |                                                | -\$396                      | \$2,651,940                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES                        | 93.994                           | 54083:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 54083:ST TN                                                      |                                                | \$236,997                   | \$274,110                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES                        | 93.994                           | 57826:ST TN                            | TN DEPARTMENT OF HEALTH                                       | 57826:ST TN                                                      |                                                | \$37,253                    | \$274,110                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES                        | 93.994                           | 57826:ST TN                            | TN DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES | 57826:ST TN                                                      |                                                | -\$140                      | \$274,110                    | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| AUTISM AND OTHER DEVELOPMENTAL DISABILITIES, SURVEILLANCE, RESEARCH, AND PREVENTION | 93.998                           | 1 NU53 DD000010-02-00                  |                                                               |                                                                  |                                                | \$381,400                   | \$381,400                    | N/A                      | \$0                  |
| 200-2012-50430                                                                      | 93.RD                            | 200-2012-50430                         |                                                               |                                                                  |                                                | \$89,025                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2012-50430                                                                      | 93.RD                            | 200-2012-50430                         |                                                               |                                                                  |                                                | \$312,836                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2012-50430                                                                      | 93.RD                            | 200-2012-50430                         |                                                               |                                                                  |                                                | \$111,914                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2012-50430                                                                      | 93.RD                            | 200-2012-50430                         |                                                               |                                                                  |                                                | \$22,350                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2015-63553                                                                      | 93.RD                            | 200-2015-63553                         |                                                               |                                                                  |                                                | \$67,008                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2016-91801                                                                      | 93.RD                            | 200-2016-91801                         |                                                               |                                                                  |                                                | \$243,980                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75D301-19-C-05670                                                                   | 93.RD                            | 75D301-19-C-05670                      |                                                               |                                                                  | \$911,318                                      | \$1,433,772                 | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 75D30120C07637                                                             | 93.RD                            | COVID-19 75D30120C07637                |                                                               |                                                                  | \$224,400                                      | \$421,473                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N93019C00074                                                                      | 93.RD                            | 75N93019C00074                         |                                                               |                                                                  |                                                | \$424,038                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| COVID-19 75N93019C00074                                                             | 93.RD                            | COVID-19 75N93019C00074                |                                                               |                                                                  | \$64,269                                       | \$473,524                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N95D19P00178                                                                      | 93.RD                            | 75N95D19P00178                         |                                                               |                                                                  |                                                | \$17,660                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N97019P00279                                                                      | 93.RD                            | 75N97019P00279                         |                                                               |                                                                  |                                                | \$207,675                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN261201600027I                                                                   | 93.RD                            | HHSN261201600027I                      |                                                               |                                                                  |                                                | \$55,125                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN271201800393P                                                                   | 93.RD                            | HHSN271201800393P                      |                                                               |                                                                  |                                                | \$5,151                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$121,929                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$21,477                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$9,795                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$132,270                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$252,087                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  | \$352,000                                      | \$471,403                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  | \$36,000                                       | \$100,243                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$515,936                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$64,350                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$96,730                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$393,529                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$207,117                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  | \$501,616                                      | \$699,137                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201300023I                                                                   | 93.RD                            | HHSN272201300023I                      |                                                               |                                                                  |                                                | \$356,270                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201700071C                                                                   | 93.RD                            | HHSN272201700071C                      |                                                               |                                                                  | \$258,732                                      | \$351,665                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201700071C                                                                   | 93.RD                            | HHSN272201700071C                      |                                                               |                                                                  |                                                | \$106,714                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201700071C                                                                   | 93.RD                            | HHSN272201700071C                      |                                                               |                                                                  |                                                | \$135,271                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSP223201700050C                                                                   | 93.RD                            | HHSP223201700050C                      |                                                               |                                                                  |                                                | \$14,644                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSP223201700051C                                                                   | 93.RD                            | HHSP223201700051C                      |                                                               |                                                                  |                                                | \$18,819                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 200-2011-41276                                                                      | 93.RD                            | 200-2011-41276                         | DUKE UNIVERSITY                                               | 200-2011-41276                                                   | \$59,767                                       | \$155,734                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 4I-WDR5-MLL1                                                                        | 93.RD                            | 4I-WDR5-MLL1                           | VANDERBILT UNIVERSITY                                         | 4I-WDR5-MLL1                                                     |                                                | \$5,842                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                              | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i>                    | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i>      | <i>Cluster Total</i> |
|---------------------------------------------------------------------------|----------------------------------|----------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|--------------------------|----------------------|
| 4I-WDR5-MLL1                                                              | 93.RD                            | 4I-WDR5-MLL1                           | VANDERBILT UNIVERSITY                                        | 4I-WDR5-MLL1                                                     |                                                | \$5,828                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 4I-WDR5-MLL1                                                              | 93.RD                            | 4I-WDR5-MLL1                           | VANDERBILT UNIVERSITY                                        | 4I-WDR5-MLL1                                                     |                                                | \$9,956                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75D301-19-C-05584                                                         | 93.RD                            | 75D301-19-C-05584                      | BOSTON CHILDREN'S HOSPITAL                                   | 75D301-19-C-05584                                                |                                                | \$32,001                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75D301-19-C-05584                                                         | 93.RD                            | 75D301-19-C-05584                      | BOSTON CHILDREN'S HOSPITAL                                   | 75D301-19-C-05584                                                |                                                | \$5,101                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N91019D00024                                                            | 93.RD                            | 75N91019D00024                         | LEIDOS BIOMEDICAL RESEARCH, INC.                             | 75N91019D00024                                                   |                                                | \$248,232                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N93019C00055                                                            | 93.RD                            | 75N93019C00055                         | UNIVERSITY OF MARYLAND                                       | 75N93019C00055                                                   |                                                | \$6,179                     | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N93019C00062                                                            | 93.RD                            | 75N93019C00062                         | WASHINGTON UNIVERSITY IN ST. LOUIS                           | 75N93019C00062                                                   |                                                | \$122,138                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| 75N93019C00073                                                            | 93.RD                            | 75N93019C00073                         | INTEGRAL MOLECULAR                                           | 75N93019C00073                                                   |                                                | \$56,912                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSF223201400030I                                                         | 93.RD                            | HHSF223201400030I                      | HARVARD PILGRIM HEALTH CARE                                  | HHSF223201400030I                                                |                                                | \$166,981                   | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSF223201400042I                                                         | 93.RD                            | HHSF223201400042I                      | HARVARD PILGRIM HEALTH CARE                                  | HHSF223201400042I                                                |                                                | \$26,271                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSN272201600018C                                                         | 93.RD                            | HHSN272201600018C                      | UNIVERSITY OF ALABAMA AT BIRMINGHAM                          | HHSN272201600018C                                                |                                                | \$24,382                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| HHSP233201500024I                                                         | 93.RD                            | HHSP233201500024I                      | RESEARCH TRIANGLE INSTITUTE                                  | HHSP233201500024I                                                |                                                | \$72,190                    | \$8,892,664                  | RESEARCH AND DEVELOPMENT | \$357,858,137        |
| <b>TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>                      |                                  |                                        |                                                              |                                                                  | <b>\$62,500,836</b>                            | <b>\$378,400,331</b>        |                              |                          |                      |
| <b>U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT</b>                          |                                  |                                        |                                                              |                                                                  |                                                |                             |                              |                          |                      |
| USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS                            | 98.001                           | 720-656-18-C-00001                     | CHEMONICS INTERNATIONAL INC.                                 | 720-656-18-C-00001                                               |                                                | \$336,184                   | \$571,186                    | N/A                      | \$0                  |
| USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS                            | 98.001                           | AID-OAA-A-11-00012                     | THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING AND MEDICINE | AID-OAA-A-11-00012                                               | \$21,125                                       | \$242,742                   | \$571,186                    | N/A                      | \$0                  |
| USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS                            | 98.001                           | AID-OAA-A-11-00012                     | VANDERBILT UNIVERSITY                                        | AID-OAA-A-11-00012                                               |                                                | -\$7,740                    | \$571,186                    | N/A                      | \$0                  |
| USAID DEVELOPMENT PARTNERSHIPS FOR UNIVERSITY COOPERATION AND DEVELOPMENT | 98.012                           | 720-OAA-18-CA-00019                    |                                                              |                                                                  | \$56,113                                       | \$337,028                   | \$337,028                    | N/A                      | \$0                  |
| <b>TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT</b>                    |                                  |                                        |                                                              |                                                                  | <b>\$77,238</b>                                | <b>\$908,214</b>            |                              |                          |                      |
| <b>TOTAL EXPENDITURE OF FEDERAL AWARDS</b>                                |                                  |                                        |                                                              |                                                                  | <b>\$66,023,283</b>                            | <b>\$400,472,553</b>        |                              |                          |                      |

**Please Note:**

*Italicized award lines indicate pass-through funding*

The accompanying Notes to the Schedule of Expenditures of Federal Awards are an integral part of the schedule.

**Vanderbilt University Medical Center**  
**Schedule of Expenditures of Federal Awards and State Financial Assistance**  
**Fiscal Period 7/1/2019 – 6/30/2020**

| <i>Federal Awarding Agency/Program Title</i>                              | <i>Assistance Listing Number</i> | <i>Additional Award Identification</i> | <i>Name of Funder Pass-Through Entity</i> | <i>Identifying Number Assigned By Funder Pass-Through Entity</i> | <i>Total Amount Provided to Sub-Recipients</i> | <i>Federal Expenditures</i> | <i>Federal Program Total</i> | <i>Cluster Name</i> | <i>Cluster Total</i> |
|---------------------------------------------------------------------------|----------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------|-----------------------------|------------------------------|---------------------|----------------------|
| <b>TOTAL EXPENDITURE OF FEDERAL AWARDS</b>                                |                                  |                                        |                                           |                                                                  | <b>\$66,023,283</b>                            | <b>\$400,472,553</b>        |                              |                     |                      |
| <b>STATE FINANCIAL ASSISTANCE</b>                                         |                                  |                                        |                                           |                                                                  |                                                |                             |                              |                     |                      |
| PSYLTDHDDFET MW                                                           |                                  |                                        |                                           | 6442:STTN BOP                                                    |                                                | \$204,075                   |                              |                     |                      |
| DOC (BOP) RISK ASSESSMENTS                                                |                                  |                                        |                                           | 6442:STTN BOP                                                    |                                                | \$46,878                    |                              |                     |                      |
| COMMUNITY FORENSIC-JUV CT EVALUATIONS                                     |                                  |                                        |                                           | 6442:STTN CFJCE                                                  |                                                | \$98,473                    |                              |                     |                      |
| 42139:COMPREHENSIVE CARE CLINIC FOR STATE APPROVED CLIENTS                |                                  |                                        |                                           | 42139:ST TN                                                      |                                                | -\$347                      |                              |                     |                      |
| 54788:COVID 19 HOTLINE SUPPORT                                            |                                  |                                        |                                           | 54788:ST TN                                                      |                                                | \$197,342                   |                              |                     |                      |
| 57826:CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE CYSHCN                  |                                  |                                        |                                           | 57826:ST TN                                                      |                                                | -\$42                       |                              |                     |                      |
| 57826:CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE CYSHCN                  |                                  |                                        |                                           | 57826:ST TN                                                      |                                                | \$29,676                    |                              |                     |                      |
| 59045:COMMUNITY SUPPORTS THROUGH INFORMATION AND REFER                    |                                  |                                        |                                           | 59045:ST TN                                                      |                                                | -\$1,974                    |                              |                     |                      |
| 64198:COMPREHENSIVE CARE CLINIC FOR STATE APPROVED CLIENTS                |                                  |                                        |                                           | 64198:ST TN                                                      |                                                | \$86,331                    |                              |                     |                      |
| 54083:GENETIC SCREENING,TESTING, COUNSELING-STATE FUND                    |                                  |                                        |                                           | 54083:ST TN                                                      |                                                | -\$45                       |                              |                     |                      |
| 54083:GENETIC SCREENING, TESTING, COUNSELING-STATE FUNDS                  |                                  |                                        |                                           | 54083:ST TN                                                      |                                                | \$751,900                   |                              |                     |                      |
| 56787:CPS ASSESSMENT TRACK TRAINING ACADEMY                               |                                  |                                        |                                           | 56787:ST TN                                                      |                                                | \$289,461                   |                              |                     |                      |
| 58795:MITIGATING ACES IN PEDIATRIC PRIMARY CARE AND A HOME V              |                                  |                                        |                                           | 58795:ST TN                                                      | \$1,623                                        | \$3,247                     |                              |                     |                      |
| 58795:MITIGATING ACES IN PEDIATRIC PRIMARY CARE AND A HOME V              |                                  |                                        |                                           | 58795:ST TN                                                      |                                                | \$3,540                     |                              |                     |                      |
| 59263:CLOVER BOTTOM NEUROLOGY SPASTICITY CLINICS                          |                                  |                                        |                                           | 59263:ST TN                                                      |                                                | \$9,950                     |                              |                     |                      |
| 59366:POISON CONTROL SERVICES                                             |                                  |                                        |                                           | 59366:ST TN                                                      |                                                | \$374,115                   |                              |                     |                      |
| 61290:NETWORK OF OPIOD USE DISORDERS (OUD) STUDIES                        |                                  |                                        |                                           | 61290:ST TN                                                      |                                                | \$15,136                    |                              |                     |                      |
| 62445:COMMUNITY SUPPORTS THROUGH INFORMATION AND REFERRAL F               |                                  |                                        |                                           | 62445:ST TN                                                      |                                                | \$48,941                    |                              |                     |                      |
| 62967:MED-ASSISTED TREATMENT SERVICES                                     |                                  |                                        |                                           | 62967:MED-ASSISTED TRT                                           |                                                | \$10,015                    |                              |                     |                      |
| 63051:TENNESSEE INTEGRATED COURT SCREENING AND REFERRAL PROJ              |                                  |                                        |                                           | 63051:ST TN                                                      |                                                | \$59,922                    |                              |                     |                      |
| 64491:STRATEGIC TRAINING, ANALYSIS AND RESOURCES FOR                      |                                  |                                        |                                           | 64491:ST TN                                                      |                                                | \$194,972                   |                              |                     |                      |
| INTERNAL CAR SEAT PROGRAM                                                 |                                  |                                        |                                           | STATE OF TENNESSEE                                               |                                                | \$8,322                     |                              |                     |                      |
| JJ CANS 2.0                                                               |                                  |                                        |                                           | ST OF TN-AOC                                                     |                                                | \$28,581                    |                              |                     |                      |
| <b>TOTAL STATE FINANCIAL ASSISTANCE</b>                                   |                                  |                                        |                                           |                                                                  | <b>\$1,623</b>                                 | <b>\$2,458,469</b>          |                              |                     |                      |
| <b>TOTAL EXPENDITURE OF FEDERAL AWARDS AND STATE FINANCIAL ASSISTANCE</b> |                                  |                                        |                                           |                                                                  | <b>\$66,024,906</b>                            | <b>\$402,931,022</b>        |                              |                     |                      |

**Please Note:**

The accompanying Notes to the Schedule of Expenditures of Federal Awards are an integral part of the schedule.

**Vanderbilt University Medical Center**  
**Notes to the Schedule of Expenditures of Federal Awards**  
**and State Financial Assistance**  
**For the Year Ended June 30, 2020**

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**1. Significant Accounting Policies Used in Preparing the SEFA**

The accompanying Schedule of Expenditures of Federal Awards and State Financial Assistance (the Schedule) includes the activity of Vanderbilt University Medical Center (VUMC) under programs of the federal government and of the state of Tennessee for the year ended June 30, 2020. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and the State of Tennessee Audit Manual. For purposes of the Schedule, federal and state awards include all grants, contracts, and similar agreements entered into directly between VUMC and agencies and departments of the federal government and all subawards to VUMC by organizations pursuant to federal grants, contracts, and similar agreements, and agencies and departments of the Tennessee state government, including federal awards passed through by the state of Tennessee.

**2. 10% De Minimis Cost Rate**

VUMC did not use the de minimis cost rate.

**3. Summary of Significant Accounting Policies for the Schedule**

For purposes of the Schedule, expenditures for federal and state programs are recognized on the accrual basis, which is consistent with accounting principles generally accepted in the United States. Expenditures for federal and state awards of VUMC are determined using the cost accounting principles and procedures set forth in the Uniform Guidance and the State of Tennessee Audit Manual. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement. Negative amounts represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years.

**4. Personal Protective Equipment (Unaudited)**

VUMC received \$2,283,840 of donated personal protective equipment (PPE) from the federal stockpile for the year ended June 30, 2020, which is valued based on the fair value of the PPE at the time of donation.

# Uniform Guidance Reports and Schedule

## Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards*

Senior Management and the Board of Directors  
Vanderbilt University Medical Center

We have audited, in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of Vanderbilt University Medical Center, which comprise the consolidated balance sheet as of June 30, 2020, and the related consolidated statements of operations, changes in net assets, and cash flows for the year then ended, and the related notes to the consolidated financial statements, and have issued our report thereon dated October 13, 2020.

### Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Vanderbilt University Medical Center's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Vanderbilt University Medical Center's internal control. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt University Medical Center's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

## Compliance and Other Matters

As part of obtaining reasonable assurance about whether Vanderbilt University Medical Center's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

## Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*Ernst & Young LLP*

October 13, 2020

## Report of Independent Auditors on Compliance With Requirements for Each Major Federal Program and Report on Internal Control Over Compliance Required by the Uniform Guidance

Senior Management and the Board of Directors  
Vanderbilt University Medical Center

### **Report on Compliance for Each Major Federal Program**

We have audited Vanderbilt University Medical Center's compliance with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Compliance Supplement that could have a direct and material effect on each of Vanderbilt University Medical Center's major federal programs for the year ended June 30, 2020. Vanderbilt University Medical Center's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

### ***Management's Responsibility***

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on compliance for each of Vanderbilt University Medical Center's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Vanderbilt University Medical Center's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of Vanderbilt University Medical Center's compliance.

### ***Opinion on Each Major Federal Program***

In our opinion, Vanderbilt University Medical Center complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2020.

### ***Other Matters***

The results of our auditing procedures disclosed an instance of noncompliance which is required to be reported in accordance with the Uniform Guidance, and which is described in the accompanying schedule of findings and questioned costs as item 2020–001 related to the Global Aids major program over Procurement Suspension and Debarment. Our opinion on each major federal program is not modified with respect to this matter.

Vanderbilt University Medical Center's response to the noncompliance finding identified in our audit is described in the accompanying schedule of findings and questioned costs. Vanderbilt University Medical Center's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

### ***Report on Internal Control Over Compliance***

Management of Vanderbilt University Medical Center is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered Vanderbilt University Medical Center's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt University Medical Center's internal control over compliance.

*A deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that have not been identified. We did identify a deficiency in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as item 2020–001 related to the Global Aids major program over Procurement Suspension and Debarment, that we consider to be a material weakness.



Vanderbilt University Medical Center's response to the internal control over the compliance finding identified in our audit is described in the accompanying schedule of findings and questioned costs. Vanderbilt University Medical Center's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

*Ernst + Young LLP*

June 14, 2021

**Vanderbilt University Medical Center**  
**Schedule of Findings and Questioned Costs**  
**For the Year Ended June 30, 2020**

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**Section I—Summary of Auditor's Results**

**Financial Statements**

Type of report the auditor issued on whether the financial statements audited were prepared in accordance with GAAP:

Unmodified

Internal control over financial reporting:

Material weakness(es) identified?

       **yes**      **X** **no**

Significant deficiency(ies) identified?

       **yes**      **X** **none reported**

Noncompliance material to financial statements noted?

       **yes**      **X** **no**

**Federal Awards**

Internal control over major federal programs:

Material weakness(es) identified?

**X** **yes**             **no**

Significant deficiency(ies) identified?

       **yes**      **X** **none reported**

Type of auditor's report issued on compliance for major federal programs:

Unmodified

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?

**X** **yes**             **no**

Identification of major federal programs:

**Assistance Listing numbers**

**Name of federal program or cluster**

Various

Research & Development Cluster

93.067

Global Aids

93.778

Medicaid Cluster

Dollar threshold used to distinguish between Type A and Type B programs:

\$3,000,000

Auditee qualified as low-risk auditee?

**X** **yes**             **no**

**Vanderbilt University Medical Center  
Schedule of Findings and Questioned Costs  
For the Year Ended June 30, 2020**

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**Section II—Financial Statement Findings**

No findings reported.

**Vanderbilt University Medical Center**  
**Schedule of Findings and Questioned Costs**  
**For the Year Ended June 30, 2020**

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**Section III—Federal Award Findings and Questioned Costs**

**2020–001 SUSPENSION AND DEBARMENT**

|                                     |                                        |                             |
|-------------------------------------|----------------------------------------|-----------------------------|
| <b>Federal Program Information:</b> | <b>Federal Agency and Program Name</b> | <b>Assistance Listing #</b> |
|                                     | Global Aids                            | 93.067                      |
|                                     | Grant Award 5 NU2 GGH001943-04-00      |                             |
|                                     | Grant Award 6 NU2 GGH001943-03-10      |                             |

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Criteria:</b>         | <p>2 CFR 200.303 requires that a non-federal entity must “(a) establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States and the “Internal Control Integrated Framework,” issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).”</p> <p>2 CFR 200.213 states that “Non-federal entities are subject to the non-procurement debarment and suspension regulations implementing Executive Orders 12549 and 12689, 2 CFR part 180. These regulations restrict awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs or activities.”</p> |
| <b>Condition:</b>        | During our testing of 40 transactions, totaling \$337,363 for suspension and debarment of the Global Aids program, we noted that for 11 transactions, totaling \$20,269, there was a lack of supporting documentation demonstrating that management was monitoring the contractors to ensure they were not suspended or debarred when the purchase was made; this was determined to be a systemic issue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Questioned Costs:</b> | \$20,269 – Assistance Listing Number 93.067 - \$20,193 related to Grant Award NU2 GGH001943-03-10 and \$76 related to Grant Award NU2 GGH001943-04.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Context:</b>          | Total federal expenditures for the Global Aids program were \$23,253,711 of which approximately \$6.3 million were expenditures subject to suspension and debarment requirements for the year ended June 30, 2020.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cause:</b>            | Vanderbilt University Medical Center does not have adequately designed internal controls and policies and procedures in place to ensure that contractors are being properly monitored for suspension and debarment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Effect:</b>           | Vanderbilt University Medical Center is not in compliance with federal statutes, regulations, and the terms and conditions of the federal award. Federal monies may be expended to contractors who are suspended or debarred.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Vanderbilt University Medical Center  
Schedule of Findings and Questioned Costs  
For the Year Ended June 30, 2020**

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**Section III—Federal Award Findings and Questioned Costs (continued)**

**2020–001 SUSPENSION AND DEBARMENT (continued)**

**Recommendation:** We recommend that Vanderbilt University Medical Center implement adequate internal controls and policies and procedures to ensure that all contractors are not suspended or debarred.

**Views of Responsible Officials:** Management concurs with the findings and has developed a plan to correct the finding.

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**Summary Schedule of Prior Audit Findings****Section III - Federal Award Findings and Questioned Costs – Year Ended June 30, 2019****2019-001 – SUSPENSION AND DEBARMENT****Federal Program Information:****Federal Agency and Program Name**

Research and Development Cluster

Special Education Cluster (IDEA)

**CFDA #**

Various

84.027/84.173

**Finding:** During testing of transactions for suspension and debarment of the Research and Development Cluster, one transaction, for \$41, of the 37 transactions tested for \$2,061,516, lacked supporting documentation demonstrating that management was monitoring the contractors to ensure they were not suspended or debarred when the purchase was made; this was determined to be a systemic issue. Further, management has internal controls to assess potential suspension and debarment matches it receives from its a third-party servicer who performs suspension and debarment searches for them. However, the internal controls are not precise enough to ensure a resolution has been completed for each match identified.

**Status:** The corrective action plan was taken.



**MANAGEMENT'S CORRECTIVE ACTION PLAN  
for the Year Ended June 30, 2020**

**2020-001**

The Vanderbilt University Medical Center (VUMC) Global Aids program has controls to monitor vendors to ensure that contractors are not suspended or debarred. However, VUMC could not produce adequate documentation to evidence performance of the control. VUMC has improved the performance of this control by using a 3<sup>rd</sup> party vendor to perform the suspension and debarment testing. VUMC also adjusted its existing policy to ensure adequate supporting evidence is retained to evidence performance of the control.

Paula Yarbrough, VUMC Director – Grants and Contracts, will be responsible for implementation of the planned corrective action by fiscal year end 2021.