

Vanderbilt University

**Report on Federal Awards in Accordance with the
OMB Uniform Guidance**

For the Year Ended June 30, 2020

EIN: 62-0476822

Vanderbilt University
Index
Year Ended June 30, 2020

	Page(s)
Part I – Financial Statements	
Letter from the Chancellor and Provost	3
Vanderbilt University Statistics.....	4
Financial Overview	5
Consolidated Financial Statements	
Report of Independent Auditors.....	14
Consolidated Statements of Financial Position	16
Consolidated Statements of Activities	17
Consolidated Statements of Cash Flows.....	19
Notes to the Consolidated Financial Statements	20-44
Part II – Schedule of Expenditures of Federal Awards	
Schedule of Expenditures of Federal Awards.....	46-71
Notes to Schedule of Expenditures of Federal Awards	72-73
Part III – Reports on Internal Control, Compliance and Major Programs	
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 <i>Government Auditing Standards</i>	74-75
Report of Independent Auditors on Compliance with Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance with the OMB Uniform Guidance	76-77
Part IV – Findings	
Schedule of Findings and Questioned Costs.....	78
Summary Schedule of Prior Audit Findings	79

Letter from the Chancellor and Provost

Vanderbilt's values of collaboration, inclusion and commitment to excellence in everything we do are among the traits that drew both of us to this great university. They set Vanderbilt apart and will continue to serve as our foundational strength for many years to come.

The university's long history of sound financial stewardship stems from these core values. It has propelled many of our greatest achievements, from attracting top scholars, students and staff members from around the globe to providing a world-class educational experience across all our colleges and schools. Even with the profound challenges the university has faced during the first half of 2020, careful and thoughtful management of resources has enabled us to continue having a transformative impact as a leading research university within higher education, in our local communities and around the world.

This is an extraordinary moment for our society. Vanderbilt is fortunate to have a solid financial foundation, which allows us to continue making a difference in the world and fulfilling our mission—from researching ways to treat COVID-19 and developing systems to combat racial injustice, to helping our talented students reach their full potential.

Vanderbilt is positioned to emerge stronger and more optimistic than ever before. We look forward to supporting the university's continued tradition of excellence and to the vibrant future ahead for Vanderbilt.

Sincerely,



Daniel Diermeier
Chancellor, Vanderbilt University



Susan R. Wentz
Provost, Vanderbilt University

Vanderbilt University Statistics

	2019/2020	2018/2019	2017/2018	2016/2017	2015/2016
STUDENTS					
Undergraduate	6,886	6,861	6,885	6,871	6,883
Graduate and professional	6,245	5,963	5,707	5,716	5,684
Total fall enrollment	13,131	12,824	12,592	12,587	12,567
Undergraduate admissions					
Applied	37,310	34,313	31,462	32,442	31,464
Accepted	3,402	3,298	3,415	3,487	3,674
Enrolled	1,604	1,602	1,607	1,601	1,607
Selectivity	9.1%	9.6%	10.9%	10.7%	11.7%
Yield	47.1%	48.6%	47.1%	45.9%	43.7%
Degrees conferred					
Baccalaureate	1,691	1,700	1,716	1,716	1,723
Master's	1,512	1,382	1,477	1,487	1,421
M.D.	82	100	79	98	104
Other doctoral	568	599	583	585	564
Total degrees conferred	3,853	3,781	3,855	3,886	3,812
Undergraduate six-year graduation rate	92.6%	93.0%	93.6%	91.5%	92.3%
Undergraduate tuition	\$ 50,800	\$ 48,600	\$ 46,500	\$ 44,496	\$ 43,620
% increase over prior year	4.5%	4.5%	4.5%	2.0%	2.0%

FACULTY AND STAFF ¹

Full-time faculty	1,466	1,468	1,431	1,421	1,404
Full-time staff	4,555	4,245	4,205	4,177	4,060
Part-time faculty	324	348	339	318	323
Part-time staff	448	412	346	521	509
Total faculty and staff	6,793	6,473	6,321	6,437	6,296

GRANT AND CONTRACT FUNDING

(in thousands)

Government sponsors	\$ 165,532	\$ 160,958	\$ 151,580	\$ 155,446	\$ 147,980
Private sponsors	30,199	27,656	22,298	24,345	31,087
Facilities and administrative costs recovery	62,233	60,408	56,868	57,489	55,426
Total grants and contracts	\$ 257,964	\$ 249,022	\$ 230,746	\$ 237,280	\$ 234,493

ENDOWMENT

Market value (in thousands)	\$ 6,917,371	\$ 6,270,877	\$ 4,608,461	\$ 4,136,465	\$ 3,795,586
Endowment return	-0.1%	6.7%	12.6%	11.5%	-4.3%
Endowment per student	\$ 526,797	\$ 488,995	\$ 365,983	\$ 328,630	\$ 302,028
Endowment payout	4.7%	4.5%	4.7%	5.1%	4.7%

¹ On April 29, 2016, Vanderbilt University ("VU") and Vanderbilt University Medical Center ("VUMC") became two separate legal entities. Vanderbilt transferred clinical services operations, post-graduate training programs, and clinical department research activities, along with related assets and liabilities, to VUMC as a newly incorporated Tennessee not-for-profit corporation in exchange for \$1.230 million of consideration. This transaction drove a decrease in faculty and staff numbers from fiscal 2015 to 2016. In addition to the faculty employed by VU at the end of fiscal years 2020, 2019, 2018, 2017, and 2016, some employees of VUMC held VU faculty appointments. These additional VUMC-employed, VU faculty comprised:

VUMC - employed, VU faculty appointments	2019/2020	2018/2019	2017/2018	2016/2017	2015/2016
Full-time	2,892	2,817	2,830	2,680	2,463
Part-time	101	93	116	131	125
Total	2,993	2,910	2,946	2,811	2,588

FINANCIAL OVERVIEW

The university ended fiscal 2020 with \$175 million of net operating results compared to \$161 million in fiscal 2019. Vanderbilt's net assets without donor restrictions decreased \$29 million from fiscal 2019 to 2020 primarily driven by investment returns.

OPERATING REVENUES

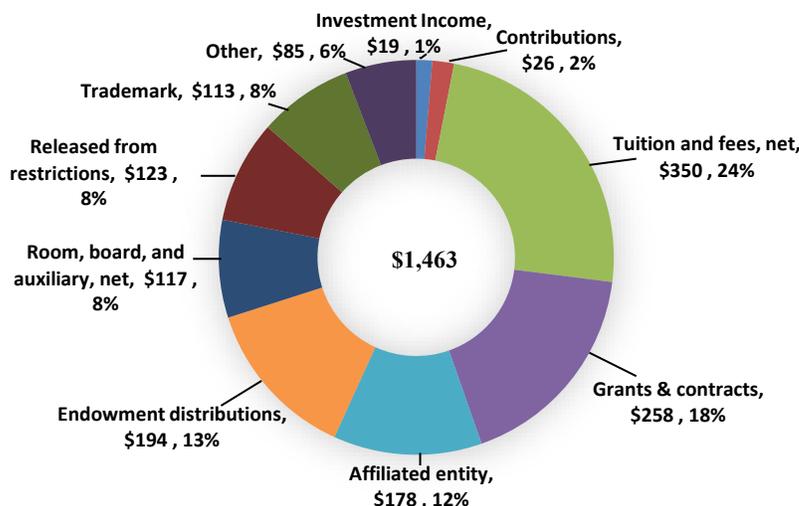
Vanderbilt's operating revenues without donor restrictions for the years ended June 30, 2020, and June 30, 2019, were as follows:

<i>(in millions)</i>	2020	2019
Tuition and educational fees, net	\$ 350	\$ 319
Government grants and contracts	166	161
Private grants and contracts	30	28
F&A costs recovery	62	60
Contributions	26	27
Endowment distributions	194	171
Investment income	19	52
Room, board, and other auxiliary services, net	117	119
Trademark, license, and royalty revenue	113	108
Affiliated entity revenue	178	178
Other sources	85	90
Net assets released from restrictions	123	117
Total operating revenue	\$ 1,463	\$ 1,430

Operating revenues without donor restrictions increased \$33 million, or 2%, to \$1,463 million in fiscal 2020 from \$1,430 million in fiscal 2019. Tuition and fees, net, increased by \$31 million due to changes in student enrollment, credit hours, and board-approved increases in tuition rates. Endowment distributions increased by \$23 million due to payouts from the additional investments in the endowment from the securitization of one of the university's trademark revenue streams. Net assets released from restrictions increased by \$6 million due to an increased fulfillment of donor restrictions on net assets during the year allowing utilization of gifts and endowment distributions from prior periods. Revenue from government and private sponsors increased by \$5 million and \$2 million, respectively, due to both new federal awards and building relationships with foundations and other non-federal sponsors to expand resources for research. Trademark, license, and royalty revenue increased by \$5 million. These increases were offset by decreases in investment income of \$33 million primarily due to market volatility related to the COVID-19 global pandemic, other sources of revenue of \$5 million, and current-use contributions of \$1 million.

Operating Revenues without Donor Restrictions by Type (Fiscal 2020)

(in millions)



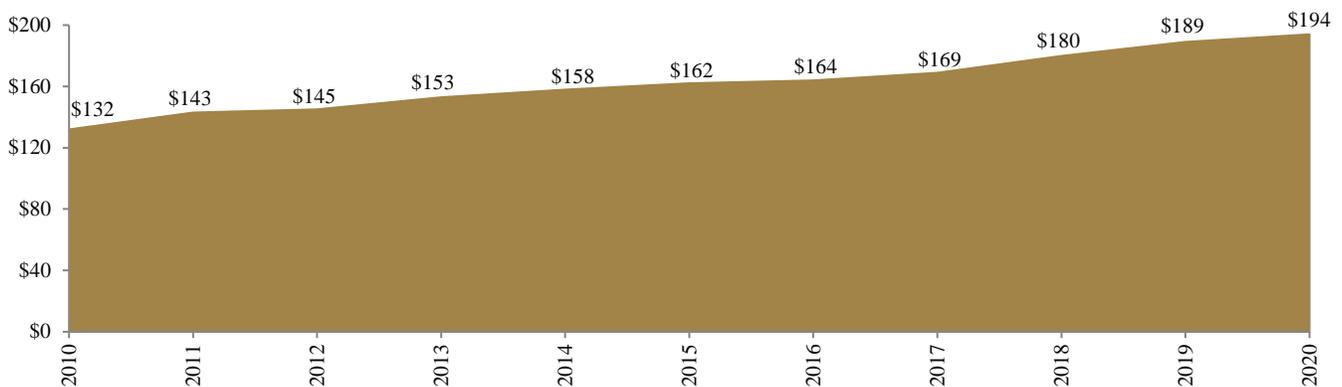
TUITION, ROOM, AND BOARD

Supporting Vanderbilt's commitment to student access and affordability, the university provides significant financial aid to students and their families. In fiscal 2020, Vanderbilt provided \$303 million in support to its students for tuition, room, and board as shown in the table below.

	Undergraduate	Professional	Graduate	Total
<i>Student count</i>	6,886	4,023	2,222	13,131
<i>(in millions)</i>				
Tuition and fees	\$ 364	\$ 190	\$ 60	\$ 614
Financial aid ⁽¹⁾	(155)	(58)	(51)	(264)
Tuition and fees, net	\$ 209	\$ 132	\$ 9	\$ 350
Room and board	78	-	-	78
Financial aid ⁽¹⁾	(39)	-	-	(39)
Room and board, net	\$ 39	\$ -	\$ -	\$ 39
Total financial aid⁽¹⁾	\$ 194	\$ 58	\$ 51	\$ 303
Average financial aid per student	\$ 28,000	\$ 14,000	\$ 23,000	\$ 23,000

¹ Financial aid excludes Pell Grants of \$5 million as these amounts represent agency funds.

Undergraduate Financial Aid fiscal 2010 - 2020 (in millions)



Vanderbilt expanded its undergraduate financial aid significantly over the past decade. In fiscal 2020, undergraduate aid as a percentage of gross tuition, room and board, and educational fees was 44%. Nearly half of Vanderbilt's undergraduate financial aid was funded in fiscal 2020 and 2019. The university's Opportunity Vanderbilt no-loan initiative, which began in fiscal 2009, is critical to this support. Through fiscal 2020, generous donors have committed, through gifts and pledges, \$462 million to support undergraduate financial aid. A portion of operations (\$114 million), endowment distributions and gifts (\$75 million), and external agencies (\$5 million) funded fiscal 2020 undergraduate aid.

GRANTS AND CONTRACTS

Direct grant revenue increased by \$7 million, or 4%, to \$196 million in fiscal 2020 from \$189 million in fiscal 2019. Government grants and contracts revenue increased \$5 million, or 3%, to \$166 million in fiscal 2020 from \$161 million in fiscal 2019, due to increases from the Department of Health and Human Services. Private grants and contracts revenues increased \$2 million, or 7%, over the same period to \$30 million in fiscal 2020 from \$28 million in fiscal 2019, due to drug discovery contracts.

As shown in the following table, the largest source of direct government grant and contract revenue was the Department of Health and Human Services (primarily the National Institutes of Health, or NIH).

Grants and Contracts Revenues by Funding Source

<i>(in millions)</i>	2020	%	2019	%
Department of Health and Human Services	\$ 97	59%	\$ 89	55%
National Science Foundation	18	11%	17	11%
Department of Education	17	10%	20	12%
Department of Defense	12	7%	14	9%
Department of Energy	10	6%	10	6%
Other government agencies	12	7%	11	7%
Total government grants and contracts by funding source	\$ 166	100%	\$ 161	100%

Sponsored research and project awards represent research funding commitments not yet expended by Vanderbilt and include multiple-year grants and contracts from government sources, foundations, associations, and corporations. As of June 30, 2020 and 2019, such awards totaled \$262 million and \$279 million, respectively, as shown in the following table.

Sponsored Program Awards

<i>(in millions)</i>	2020	2019
Government awards	\$ 239	\$ 231
Private awards	23	48
Total sponsored research and project awards	\$ 262	\$ 279

PHILANTHROPY

Vanderbilt reports contributions revenue within the consolidated financial statements based on U.S. GAAP. This basis for measurement differs from guidelines established by the Council for Advancement and Support of Education (CASE). CASE guidelines focus on philanthropic distributions of private resources (primarily gifts and foundation grants) to benefit the public.

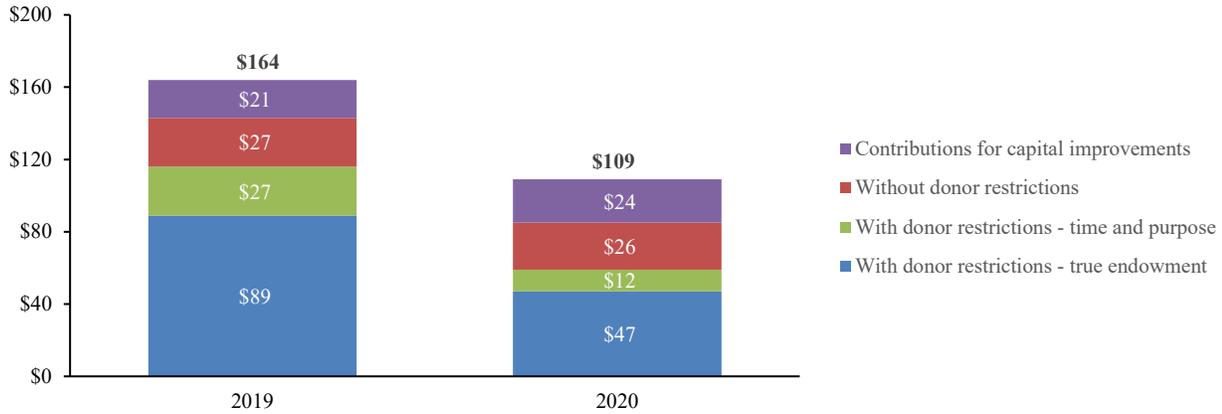
GAAP to CASE Reconciliation

<i>(in millions)</i>	2020
Contributions revenue	
Without donor restriction	\$ 26
With donor restriction – time and purpose	12
With donor restriction – true endowment	47
Total contributions revenue	85
Total contributions for capital improvements	24
Total consolidated GAAP contributions revenue	\$ 109
Grants and similar agreements meeting CASE guidelines (gifts per CASE standards)	\$ 7
Net increase in contributions receivable	(1)
Other	(1)
Total CASE reported gifts (cash basis)	\$ 114

Vanderbilt reported \$109 million in consolidated contributions revenue, including pledges and contributions for capital improvements, a 34% decrease over the \$164 million fiscal 2019 level.

Consolidated Contributions (GAAP Basis)

(in millions)



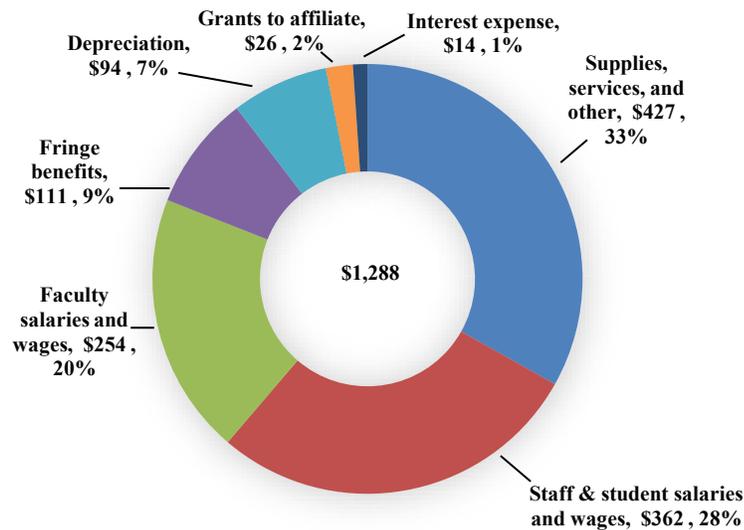
OPERATING EXPENSE

(in millions)	2020	2019
Salaries, wages, and benefits	\$ 727	\$ 701
Supplies, services, and other	427	439
Interest expense	14	17
Depreciation	94	87
Grants to affiliate	26	25
Total operating expenses	\$ 1,288	\$ 1,269

Consolidated operating expenses increased \$19 million to \$1,288 million in fiscal 2020 from \$1,269 million in fiscal 2019. The primary driver of this increase was a \$26 million, or 4%, increase in salaries, wages, and benefits partially attributable to the Voluntary Staff Departure Incentive Program (VSDIP). Supplies, services, and other decreased \$12 million, or 3%, to \$427 million in fiscal 2020 from \$439 million in fiscal 2019 driven by decreases across expense categories, primarily as a result of COVID-19 expense reductions.

Operating Expenses by Type (Fiscal 2020)

(in millions)



OTHER CHANGES IN NET ASSETS WITHOUT DONOR RESTRICTIONS

<i>(in millions)</i>	2020	2019
Change in appreciation of endowment, net of distributions	\$ (192)	\$ 59
Change in appreciation of other investments, net of distributions	(9)	10
Change in appreciation of interest rate exchange agreements	(7)	(9)
Capital contributions and releases from restriction	17	46
Nonoperating net asset reclassifications	(3)	4
Other nonoperating activity	(1)	(15)
Total changes from nonoperating	\$ (195)	\$ 95

Fiscal 2020 nonoperating activity primarily consisted of a negative change in appreciation of endowment, net of distributions of \$192 million, a decrease of \$251 million compared to fiscal 2019. The change in value for the endowment resulted from a negative 0.1% investment return offset by 4.7% of the endowment utilized for distributions during fiscal 2020, compared to a 6.7% investment return and 4.5% of the endowment utilized for distributions during fiscal 2019. In addition, releases from restrictions for capital contributions, totaled \$17 million in fiscal 2020. Releases from restrictions for capital contributions occurred at the time the asset or building was placed into service and included the following in fiscal 2020: \$15 million for residential colleges, \$1 million for the Divinity School, and \$1 million for Student Athletics facilities.

Noncontrolling Interests

Net assets related to noncontrolling interests decreased \$8 million to \$30 million in fiscal 2020 from \$38 million in fiscal 2019 due to distributions of \$6 million and a negative change in appreciation on investment of \$2 million during fiscal 2020.

SUMMARY OF FINANCIAL POSITION

Vanderbilt's summarized Statements of Financial Position as of June 30, 2020, and June 30, 2019, were as follows:

<i>(in millions)</i>	2020	2019
ASSETS		
Cash and cash equivalents	\$ 629	\$ 828
Accounts and contributions receivable	214	211
Investments	7,034	6,924
Right of use assets	64	-
Property, plant, and equipment, net	1,448	1,197
Prepaid expenses and other assets	69	73
Total assets	\$ 9,458	\$ 9,233
LIABILITIES		
Payables and accrued liabilities	\$ 265	\$ 258
Deferred revenue	25	30
Deferred trademark revenue	1,645	1,345
Interest rate exchange agreements	-	23
Long-term debt and commercial paper	541	542
Securities sold short	352	362
Lease liabilities	67	-
Total liabilities	2,895	2,560
NET ASSETS		
Without donor restrictions	3,500	3,529
With donor restrictions	3,063	3,144
Total net assets	6,563	6,673
Total liabilities and net assets	\$ 9,458	\$ 9,233

Vanderbilt's assets increased \$225 million from fiscal 2019 to fiscal 2020. This increase is primarily attributable to an increase in net property, plant, and equipment of \$251 million as a result of strategic property acquisitions and ongoing construction of residential colleges. In addition, Vanderbilt recognized a right of use asset of \$64 million in fiscal 2020 in accordance with the Accounting Standards Update (ASU) 2016-02, Leases (Topic 842). Cash and cash equivalents decreased \$199 million, or 24%, from fiscal 2019 to fiscal 2020 primarily attributable to private placement net proceeds temporarily invested pending use for residential college construction at the end of fiscal 2019 that was deployed in fiscal 2020. Investments increased \$110 million, or 2%, to \$7,034 million in fiscal 2020 from \$6,924 million in fiscal 2019. The endowment, net of securities sold short, returned negative 0.1% and its value increased to \$6,917 million in fiscal 2020 from \$6,271 million in fiscal 2019 after the impact of distributions in support of operations and the addition of new gifts and quasi-endowments, including the addition of the proceeds from the most recent securitization transaction.

Total liabilities increased \$335 million, or 13%, from fiscal 2019 to fiscal 2020. This increase is primarily attributable to the increase of \$300 million in deferred trademark revenue to be recognized over the next 30 years in accordance with the most recent trademark securitization transaction.

Cash and Liquidity

Vanderbilt continues to invest operating assets in a conservative, diversified manner to ensure adequate security and liquidity under a variety of stress scenarios. Investments, along with cash and cash equivalents, provide liquidity support for Vanderbilt's operations. Of these combined amounts, based on prevailing market conditions as of June 30, 2020, \$681 million of liquid assets were available on a same-day basis and an additional \$1,714 million was available within 30 days. This strong liquidity position contributes to the university's ability to satisfy potential liquidity risks. Vanderbilt maintains the highest short-term ratings from the major credit rating agencies.

To provide supplemental liquidity support, Vanderbilt maintains three separate lines of credit in the amounts of \$250 million, \$75 million, and \$50 million with three separate banks. These lines of credit may be drawn upon for any general use purpose.

Capital Expenditures

Maintaining the university's campus, which dates back to 1873, and investing in the university's capital assets is fundamental to achieving Vanderbilt's mission.

Over the past decade, Vanderbilt has focused increasingly on revitalizing the campus and student experience through the continued construction and renovation of residential colleges in direct support of the academic strategic plan:

- Offering students a rich and diverse intellectual community that educates the whole person and cultivates lifelong learning;
- Investing in multi- and inter-disciplinary programs to lead in defining and addressing important problems facing society, while pursuing new and exciting opportunities;
- Transforming education models through technology and research; and
- Building distinctive and distinguished programs that develop and offer effective solutions to pressing health and healthcare problems.

Additionally, these investments serve to support FutureVU, Vanderbilt's land use planning initiative, the goal of which is to ensure the Vanderbilt University campus is designed and prepared at every level to support its students, faculty, and staff in their work each day to carry out the university's mission and values.

Capital Projects

<i>(in millions)</i>	2020	2019
Housing projects	\$ 134	\$ 97
Academic projects	33	37
Minor capital expenditures	40	31
Infrastructure projects	25	4
Acquisitions	117	23
Student Athletics projects	4	2
Total capital projects	\$ 353	\$ 194

During fiscal 2020, Vanderbilt University invested \$353 million in capital projects and acquisitions as compared to \$194 million in fiscal 2019. This enabled progress on several significant projects, including, but not limited to:

- Continuing construction of Nicholas S. Zeppos College, which will contribute to the living and learning experience on the West End edge of campus;
- Continuing aesthetic and utility updates to the West End and Central Neighborhoods that will improve pedestrian pathways and accommodate the increased square footage in the residential colleges;
- Renovations to Peabody's Home Economics and Mayborn buildings that will create better uses of space and enhancements to the buildings' infrastructure and mechanics while preserving many significant historic architectural components; and
- Acquisition of properties adjacent to Vanderbilt's campus.

As capital projects conclude or new acquisitions occur during the fiscal year, capital asset balances increase. A total of \$215 million of completed projects and purchased property and equipment came into service during fiscal 2020.

The Board of Trust Executive Committee reviews the university's five-year capital plan annually; however, major capital projects are approved individually. The FY2020 – FY2024 capital plan brings a continued focus on the academic strategic plan, including the student experience through investments in new residential colleges, humanities and science spaces through the College of Arts and Science, and historic Peabody campus buildings and infrastructure.

ENDOWMENT

For fiscal 2020, Vanderbilt's endowment portfolio returned negative 0.1%. The endowment ended fiscal 2020 with a total market value of \$6,917 million, compared to \$6,271 million at the end of fiscal 2019. The difference between the investment return and change in absolute value of the endowment was attributable to the net impact of new endowment gifts, additions to institutional endowments (quasi-endowments), investment returns, costs for managing the endowment including internal management costs of \$12 million, and the distribution of endowment funds to support university operations. During fiscal 2020, the university added \$979 million to the endowment portfolio through new gifts, recapitalizations, and additions to institutional endowments. Endowment distributions totaled \$311 million in fiscal 2020, compared to \$281 million in fiscal 2019. These distributions support the university's education, research, and public service missions.

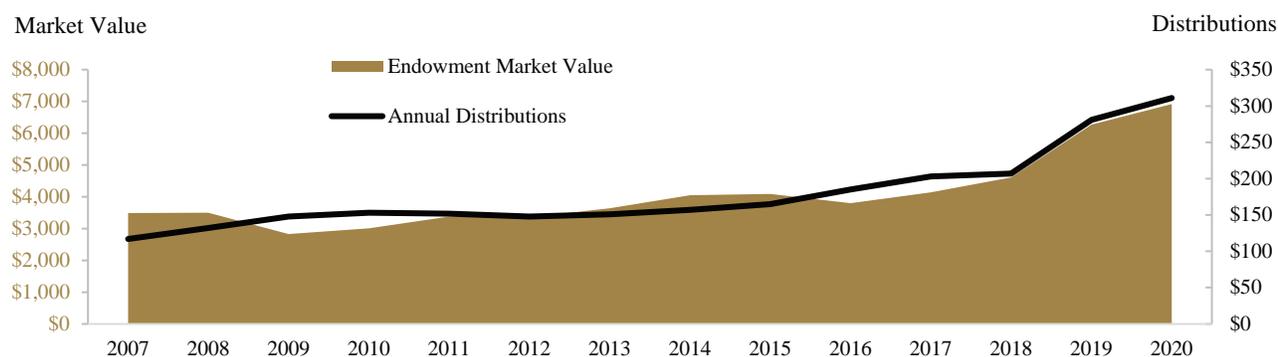
The world witnessed a number of historic events over the course of this fiscal year. The October assassination of Jamal Khashoggi, a Saudi dissident, put the world on the verge of a major global destabilization. In December, the U.S. House of Representatives passed two articles of impeachment against President Donald Trump, and in February 2020 the U.S. Senate acquitted him of all charges. Saudi Arabia initiated an oil price war with Russia in March, facilitating a 68% quarterly fall in the price of Brent oil. In April, the May contract for West Texas Intermediate oil traded below -\$40 per barrel. In May, George Floyd died after Derek Chauvin, a white police officer, pressed his knee to Floyd's neck for nearly eight minutes during an arrest, leading to demonstrations in over 400 cities throughout all 50 U.S. states and internationally. And by the end of June, the COVID-19 pandemic had been ongoing for six months, with the global cumulative incidence surpassing 10 million cases and 500 thousand deaths. The global economy collapsed into a recession and continuing jobless claims in the U.S. stood at over 17 million at the end of June.

Yet the global capital market environment was generally fine. Global equity markets gained 2%, with significant performance dispersion across U.S. large caps (up 7%), U.S. small caps (down 7%), non-U.S. developed markets (down 5%), and emerging markets (down 3%). U.S. bond markets rallied (up 9%) as long-term U.S. Treasury yields dropped, and credit spreads only widened modestly from the beginning to the end of the year. Commodity prices collapsed (down 34%), and the value of the U.S. dollar declined modestly.

Looking into the future, substantial headwinds lie ahead. U.S. equity valuations are even higher than before the COVID-19 pandemic took hold and the economy fell into recession. European economies also have shrunk, and their problems are compounded by “Brexit” dynamics. China came out of the pandemic early but continues to suffer from an overvalued property market plagued by excess capacity. Globally, markets are wrestling with exploding government debt, changing regulatory pressures, and uncertainty about trade wars, all of which represent risks to the global capital markets. In addition, the upcoming U.S. election in November likely will contribute to market volatility. That said, these challenges will from time to time present chances to be opportunistic in deploying new investments, as was the case in March. Meanwhile, Vanderbilt has built a strong foundation for the endowment by collaborating with some of the world’s best investment managers across all asset classes.

Endowment Market Value and Annual Distributions

(in millions)



Endowment Asset Allocation

As of June 30, 2020 (% of portfolio)

	Allocation
Global Equities	28%
Hedged strategies	25%
Commodities	1%
Fixed income	9%
Cash and cash equivalents	5%
Total public investments	68%
Private capital	26%
Real estate	2%
Natural resources	4%
Total nonmarketable	32%
Total endowment	100%

LOOKING FORWARD

Through swift and effective measures to carefully manage financial resources, Vanderbilt ended fiscal 2020 with a solid foundation for the future. Notwithstanding its positive financial position, Vanderbilt must face the challenges of the current economic environment and the uncertainty ahead. The outbreak of COVID-19 continues to cause domestic and global disruption in operations for institutions of higher education. To slow the spread of COVID-19, Vanderbilt has implemented a robust response plan in an effort to protect the health of the Vanderbilt community and promote the continuity of our mission of academics and research. Vanderbilt has instituted cost-saving measures due to the uncertainties regarding the ultimate financial impact of COVID-19 and will continue to closely monitor the situation to ensure resources are focused and effectively managed to meet the needs of the Vanderbilt community while protecting and preserving the financial foundation for the future. Vanderbilt will continue to build the financial resilience to withstand the uncertainties of the future.

Despite these pressures, Vanderbilt continues its traditions of innovative education, groundbreaking research, and need-blind admissions to attract the best and brightest students. With a solid financial foundation and continued focus on strategic priorities, Vanderbilt's future is bright and optimistic.

Vanderbilt's audited financial statements and other key financial metrics for fiscal 2020 are included in the following pages.



Report of Independent Auditors

To the Board of Trust of Vanderbilt University

Report on the Consolidated Financial Statements

We have audited the accompanying consolidated financial statements of Vanderbilt University and its subsidiaries (“the University”), which comprise the consolidated statements of financial position as of June 30, 2020 and 2019, and the related consolidated statements of activities and of cash flows for the years then ended, and the related notes to the financial statements.

Management’s Responsibility for the Consolidated Financial Statements

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

Auditors’ Responsibility

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America 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 consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the University's preparation and fair presentation of the consolidated 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 University'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 consolidated 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 consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Vanderbilt University and its subsidiaries as of June 30, 2020 and 2019, and the changes in their net assets and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.



Other Matters

Other Information

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2020 and schedule of financial responsibility ratios as of and for the year ended June 30, 2020 are presented for purposes of additional analysis as required by 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 Department of Education, respectively, and are not a required part of the consolidated financial statements. The 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 audit 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 of America. In our opinion, the schedule of expenditures of federal awards and schedule of financial responsibility ratios are fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 2, 2020, except with respect to Note 12 to the consolidated financial statements and the opinion on the schedule of financial responsibility ratios, as to which the date is March 30, 2021, on our consideration of Vanderbilt University'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 for the year ended June 30, 2020. 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 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's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

October 2, 2020, except with respect to Note 12 to the consolidated financial statements and the opinion on the schedule of financial responsibility ratios, as to which the date is March 30, 2021

Vanderbilt University

Consolidated Statements of Financial Position

As of June 30, 2020 and 2019 (in thousands)

	June 2020	June 2019
ASSETS		
Cash and cash equivalents	\$ 629,150	\$ 828,455
Accounts receivable, net	90,935	88,328
Prepaid expenses and other assets	19,107	18,789
Contributions receivable, net	123,081	122,947
Student loans and other notes receivable, net	21,782	23,173
Investments	7,003,641	6,885,893
Investments allocable to noncontrolling interests	29,981	38,106
Right-of-use assets	64,168	-
Property, plant, and equipment, net	1,447,896	1,196,792
Interests in trusts held by others	27,853	30,693
Total assets	\$ 9,457,594	\$ 9,233,176
LIABILITIES		
Accounts payable and accrued liabilities	\$ 122,071	\$ 111,171
Accrued compensation and withholdings	93,471	86,103
Deferred revenue	24,764	29,920
Deferred trademark revenue	1,645,053	1,344,670
Actuarial liabilities	29,361	33,544
Government advances for student loans	21,227	26,994
Long-term debt	541,042	542,246
Fair value of securities sold short	351,425	362,309
Fair value of interest rate exchange agreements	-	22,742
Lease liabilities	66,622	-
Total liabilities	2,895,036	2,559,699
NET ASSETS		
Without donor restrictions, controlled by Vanderbilt	3,469,474	3,490,599
Without donor restrictions, related to noncontrolling interests	29,981	38,106
Total net assets without donor restrictions	3,499,455	3,528,705
With donor restrictions	3,063,103	3,144,772
Total net assets	6,562,558	6,673,477
Total liabilities and net assets	\$ 9,457,594	\$ 9,233,176

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

Vanderbilt University

Consolidated Statement of Activities

Year Ended June 30, 2020 (in thousands)

	2020		
	Without Donor Restriction	With Donor Restriction	Total
REVENUES			
Tuition and educational fees, net	\$ 349,568	\$ -	\$ 349,568
Grants and contracts:			
Government sponsors	165,532	-	165,532
Private sponsors	30,199	-	30,199
Facilities and administrative costs recovery	62,233	-	62,233
Total grants and contracts	<u>257,964</u>	<u>-</u>	<u>257,964</u>
Contributions	25,752	59,090	84,842
Endowment distributions	194,504	116,476	310,980
Investment income	18,993	(3,770)	15,223
Room, board, and other auxiliary services, net	117,373	-	117,373
Trademark, license, and royalty revenue	113,362	-	113,362
Affiliated entity revenue	177,998	-	177,998
Other sources	84,578	-	84,578
Net assets released from restrictions	122,790	(122,790)	-
Total revenues and other support	<u>1,462,882</u>	<u>49,006</u>	<u>1,511,888</u>
EXPENSES			
Salaries, wages, and benefits	727,587	-	727,587
Supplies, services, and other	426,732	-	426,732
Interest expense	13,741	-	13,741
Depreciation	93,682	-	93,682
Grants to affiliate	26,171	-	26,171
Total expenses	<u>1,287,913</u>	<u>-</u>	<u>1,287,913</u>
Results of operations	<u>174,969</u>		
OTHER CHANGES IN NET ASSETS			
Change in appreciation of endowment, net of distributions	(191,621)	(140,541)	(332,162)
Change in appreciation of other investments, net of distributions	(8,861)	-	(8,861)
Change in appreciation of interest rate exchange agreements, net	(6,957)	-	(6,957)
Contributions for capital improvements	-	23,737	23,737
Net assets released from restrictions for capital improvements	17,104	(17,104)	-
Nonoperating net asset reclassifications	(3,233)	3,233	-
Other nonoperating activity	(2,526)	-	(2,526)
Total other changes in net assets	<u>(196,094)</u>	<u>(130,675)</u>	<u>(326,769)</u>
Changes in net assets controlled by Vanderbilt	(21,125)	(81,669)	(102,794)
Changes in net assets related to noncontrolling interests	(8,125)	-	(8,125)
Total changes in net assets	<u>\$ (29,250)</u>	<u>\$ (81,669)</u>	<u>\$ (110,919)</u>
Net assets, June 30, 2019	<u>\$ 3,528,705</u>	<u>\$ 3,144,772</u>	<u>\$ 6,673,477</u>
Net assets, June 30, 2020	<u>\$ 3,499,455</u>	<u>\$ 3,063,103</u>	<u>\$ 6,562,558</u>

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

Vanderbilt University

Consolidated Statement of Activities

Year Ended June 30, 2019 (in thousands)

	2019		
	Without Donor Restriction	With Donor Restriction	Total
REVENUES			
Tuition and educational fees, net	\$ 319,301	\$ -	\$ 319,301
Grants and contracts:			
Government sponsors	160,958	-	160,958
Private sponsors	27,656	-	27,656
Facilities and administrative costs recovery	60,408	-	60,408
Total grants and contracts	249,022	-	249,022
Contributions	27,325	116,458	143,783
Endowment distributions	170,967	110,481	281,448
Investment income	52,251	1,543	53,794
Room, board, and other auxiliary services, net	118,483	-	118,483
Trademark, license, and royalty revenue	107,850	-	107,850
Affiliated entity revenue	178,045	-	178,045
Other sources	90,297	-	90,297
Net assets released from restrictions	116,668	(116,668)	-
Total revenues and other support	1,430,209	111,814	1,542,023
EXPENSES			
Salaries, wages, and benefits	700,594	-	700,594
Supplies, services, and other	438,963	-	438,963
Interest expense	16,818	-	16,818
Depreciation	87,296	-	87,296
Grants to affiliate	25,335	-	25,335
Total expenses	1,269,006	-	1,269,006
Results of operations	161,203		
OTHER CHANGES IN NET ASSETS			
Change in appreciation of endowment, net of distributions	58,825	53,867	112,692
Change in appreciation of other investments, net of distributions	10,120	-	10,120
Change in appreciation of interest rate exchange agreements, net	(8,469)	-	(8,469)
Contributions for capital improvements	-	20,847	20,847
Net assets released from restrictions for capital improvements	46,145	(46,145)	-
Nonoperating net asset reclassifications	3,872	(3,872)	-
Other nonoperating activity	(15,110)	-	(15,110)
Total other changes in net assets	95,383	24,697	120,080
Changes in net assets controlled by Vanderbilt	256,586	136,511	393,097
Changes in net assets related to noncontrolling interests	(11,311)	-	(11,311)
Total changes in net assets	\$ 245,275	\$ 136,511	\$ 381,786
Net assets, June 30, 2018	\$ 3,283,430	\$ 3,008,261	\$ 6,291,691
Net assets, June 30, 2019	\$ 3,528,705	\$ 3,144,772	\$ 6,673,477

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

Vanderbilt University

Consolidated Statements of Cash Flows

Years Ended June 30, 2020 and 2019 (in thousands)

	2020	2019
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in total net assets	\$ (110,919)	\$ 381,786
Adjustments to reconcile change in total net assets to net cash provided by operating activities:		
Change in net assets related to noncontrolling interests	8,125	11,311
Realized and unrealized loss (gain) on investments, net	32,118	(453,695)
Contributions for capital improvements and endowment	(36,470)	(111,465)
Contributions of donated securities	(36,714)	(22,653)
Proceeds from sale of donated securities	4,719	4,994
Depreciation	93,682	87,296
Amortization of bond discounts and premiums	(6,834)	(996)
Amortization of right-of-use assets	(9,807)	-
Payments to terminate interest rate exchange agreements	(29,699)	(13,815)
Loss from disposals of property, plant, and equipment	5,194	4,892
Loss from sale of promissory note receivable	-	10,512
Net change in fair value of interest rate exchange agreements	(22,742)	(5,347)
Change in:		
Accounts receivable, net of accrued investment income	(2,784)	71,723
Prepaid expenses and other assets	(318)	5,795
Contributions receivable, net	(134)	(33,300)
Interests in trusts held by others	2,372	196
Accounts payable and accrued liabilities, net of nonoperating items	5,491	(6,572)
Accrued compensation and withholdings	7,368	3,396
Deferred revenue	(5,156)	(21,540)
Deferred trademark revenue	300,383	1,344,670
Actuarial liabilities	(4,183)	(2,059)
Lease liabilities	12,261	-
Net cash provided by operating activities	205,953	1,255,129
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of investments	(8,966,496)	(7,905,977)
Proceeds from sales of investments	8,735,155	6,899,302
Purchases of investments allocable to noncontrolling interests	(140)	(497)
Proceeds from sales of investments allocable to noncontrolling interests	5,760	11,450
Change in accrued investment income	176	(148)
Payments to terminate interest rate exchange agreements	29,699	13,815
Acquisitions of property, plant, and equipment	(344,572)	(173,000)
Proceeds from sale of promissory notes receivable	-	79,071
Student loans and other notes receivable disbursed	(2,208)	(2,203)
Principal collected on student loans and other notes receivable	3,599	5,995
Net cash used in investing activities	(539,027)	(1,072,192)
CASH FLOWS FROM FINANCING ACTIVITIES		
Contributions for capital improvements and endowment	36,471	111,465
Change in government advances for student loans	(5,767)	1,393
Payments to retire or defease debt	(114,370)	(122,582)
Proceeds from debt refinancing	120,000	300,000
Proceeds from sale of donated securities restricted for capital improvements and endowment	31,996	17,659
Proceeds from noncontrolling interests in investment partnerships	140	497
Payments to noncontrolling interests in investment partnerships	(5,760)	(11,450)
Net cash provided by financing activities	62,710	296,982
Net (decrease) increase in cash, cash equivalents, and restricted cash	(270,364)	479,919
Cash and cash equivalents and restricted cash at beginning of year	\$ 1,309,217	\$ 829,298
Cash and cash equivalents and restricted cash at end of year	\$ 1,038,853	\$ 1,309,217
Supplemental disclosure of cash flow information:		
Cash paid for interest	\$ 19,362	\$ 16,694
Donated securities	\$ 36,714	\$ 22,653
Accrued liabilities related to additions of property, plant, and equipment	\$ 41,024	\$ 35,616

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

Vanderbilt University

Notes to the Consolidated Financial Statements

1. ORGANIZATION

The Vanderbilt University (“Vanderbilt” or the “university”) is a private, coeducational, not-for-profit, nonsectarian institution located in Nashville, Tennessee. Founded in 1873, Vanderbilt owns and operates educational and research facilities as part of its mission to be a leading center for informed and creative teaching, scholarly research, and public service. Vanderbilt provides educational services to approximately 6,900 undergraduate and 6,200 graduate and professional students enrolled across its 10 schools and colleges.

The consolidated financial statements include the accounts of all entities in which Vanderbilt has a significant financial interest and over which Vanderbilt has control.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The consolidated financial statements have been prepared on the accrual basis in accordance with U.S. generally accepted accounting principles (“GAAP”). Vanderbilt eliminates all material intercompany accounts and transactions in consolidation.

Net Asset Classifications

Based on the existence or absence of donor-imposed restrictions, Vanderbilt classifies resources into two categories: without donor restrictions and with donor restrictions.

Net assets without donor restrictions are free of donor-imposed restrictions. This classification includes all revenues, gains, and losses not restricted by donors. Vanderbilt reports all expenses as decreases in net assets without donor restrictions.

Net assets with donor restrictions are subject to donor-imposed restrictions that will be met by either actions of Vanderbilt or the passage of time. These net assets may include unconditional pledges, split-interest agreements, interests in trusts held by others, and donor-restricted endowments. Generally, the donor-imposed restrictions of these assets permit Vanderbilt to use a portion of the income earned on related investments for specific purposes.

Vanderbilt reports expirations of donor restrictions on net assets, (i.e., the passage of time and/or fulfillment of donor-imposed stipulations), as net assets released from restrictions between the applicable net asset classes in the consolidated statements of activities.

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. Such assets, reported at fair value, primarily consist of depository account balances, money market funds, and short-term U.S. Treasury securities. Cash designated for investment is included within investments in the accompanying consolidated statements of financial position.

The following table provides a reconciliation of cash and cash equivalents, and restricted cash reported within the consolidated statements of financial position that correspond to the amounts reported in the consolidated statements of cash flows.

	2020	2019
Cash and cash equivalents	\$ 629,150	\$ 828,455
Cash included in assets restricted to investments	409,703	480,762
Total cash and cash equivalents and restricted cash shown in the consolidated statements of cash flows	\$ 1,038,853	\$ 1,309,217

Prepaid Expenses and Other Assets

Prepaid expenses and other assets primarily represent prepaid expenses and other segregated investment-related assets managed by third parties related to a legacy deferred compensation program that are earmarked to ultimately settle certain liabilities recorded in accrued payroll and withholdings. Vanderbilt excludes this latter group of assets, reported at fair value, from the investments category since it will not directly benefit from the investment return.

Fair Value Measurements

Fair value measurements represent the price received to sell an asset or price paid to transfer a liability in an orderly transaction between market participants at the measurement date. GAAP provides a hierarchy for fair value measurements based on the observable inputs to the valuation of an asset or liability at the measurement date. Inputs to the valuation techniques used are prioritized to measure fair value by

Vanderbilt University

giving the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to measurements involving significant unobservable inputs (Level 3 measurements).

Vanderbilt gives consideration to certain investment funds that do not have readily determinable fair values including private investments, hedge funds, real estate, and other funds. Vanderbilt uses net asset value per share or its equivalent in estimating the fair value of interests in investment companies for which a readily determinable fair value is not available. Pursuant to ASU 2015-07, Vanderbilt reports these assets separately within the fair value hierarchy.

Investments

Vanderbilt reports investments at fair value using the three-level hierarchy established under GAAP. After review and evaluation, Vanderbilt utilizes estimates provided by fund managers for certain alternative investments, mainly investments in limited partnerships where a ready market for the investments does not exist.

Vanderbilt has exposure to a number of risks including liquidity, interest rate, counterparty, basis, tax, regulatory, market, and credit risks for both marketable and nonmarketable securities. Due to the level of risk exposure, it is possible that near-term valuation changes for investment securities will occur to an extent that could materially affect the amounts reported in Vanderbilt's financial statements.

Vanderbilt sometimes uses derivatives to manage investment market risks and exposure. The consolidated financial statements contain derivatives, which consist of both internally managed transactions and those entered into through external investment managers, at fair value. The most common instruments utilized are futures contracts and hedges against currency risk for investments denominated in currencies other than U.S. dollars. For internally managed transactions, Vanderbilt utilizes futures contracts with durations of less than three months.

Vanderbilt 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. Vanderbilt reports net receivables and payables arising from unsettled trades as a component of investments.

Unless donor-restricted endowment gift agreements require separate investment, Vanderbilt manages all endowment investments as an investment pool.

Investments Allocable to Noncontrolling Interests and Net Assets Related to Noncontrolling Interests

Vanderbilt reports the respective assets for entities in which other organizations are minority equity participants at fair value as investments allocable to noncontrolling interests on the consolidated statements of financial position.

The balance representing such organizations' minority or noncontrolling interests is recorded based on contractual provisions, which represent an estimate of a settlement value assuming the entity was liquidated in an orderly fashion as of the report date.

Leases

Vanderbilt determines if an arrangement is or contains a lease at inception. Vanderbilt has both leases under which it is obligated as a lessee and leases for which it is a lessor. Operating leases in which Vanderbilt is a lessee are included in right-of-use assets and lease liabilities on the consolidated statements of financial position. These assets and liabilities are initially recognized based on the present value of the future minimum lease payments over the lease term at commencement date discounted using an appropriate incremental borrowing rate. Options to extend or terminate a lease are included in the amount recognized to the extent that Vanderbilt is reasonably certain to exercise those options. Lease expense for lease payments is recognized on a straight-line basis over the lease term. Variable lease payments based on an index or rate, such as the consumer price index, are initially measured using the index or rate in effect at lease commencement. Rental revenue arising from operating leases in which Vanderbilt is a lessor is included in room, board, and other auxiliary services, net in the consolidated statements of activities.

Vanderbilt has elected the short-term lease exception under ASU 2016-02, Leases (ASC Topic 842) for all leases, and therefore, leases with an initial term of 12 months or less are not included on the consolidated statements of financial position. Additionally, Vanderbilt elected the package of practical expedients permitted under the transition guidance within Topic 842, which allowed the university to carry forward its identification of contracts that are or contain leases.

Split-Interest Agreements and Interests in Trusts Held by Others

Vanderbilt's split-interest agreements with donors consist primarily of irrevocable charitable remainder trusts, charitable gift annuities, and life income funds for which Vanderbilt serves as trustee. Vanderbilt reports assets held in these trusts in investments at fair value. Vanderbilt recognizes contribution revenue at the dates the trusts are established, net of the liabilities for the present value of the estimated future payments to the donors and/or other beneficiaries. Annually, Vanderbilt records the change in fair value of split-interest agreements based on the assets that are associated with each trust and recalculates the liability for the present value of the estimated future payments to the donors and/or other beneficiaries.

Vanderbilt is also the beneficiary of certain trusts held and administered by others. Vanderbilt records its share of these trust assets at fair value as interests in trusts held by others with any resulting gains or losses reported as investment income with donor restrictions.

Vanderbilt University

Property, Plant, and Equipment

Purchased property, plant, and equipment, recorded at cost, includes, where appropriate, capitalized interest on construction financing. Vanderbilt capitalizes donated assets at fair value on the date of donation, expenses repairs and maintenance costs as incurred, and expenses additions to the library collection at the time of purchase.

Vanderbilt calculates depreciation using the straight-line method to allocate the cost of various classes of assets over their estimated useful lives. Vanderbilt follows the half-year convention to calculate depreciation associated with construction-related assets (e.g., land improvements, buildings, leasehold improvements, and fixed equipment). Under the half-year convention, Vanderbilt treats fixed assets constructed during the year as if placed in service on January 1, regardless of in-service date. All other purchased assets (e.g., moveable equipment) begin depreciation on the in-service date. Vanderbilt removes property, plant, and equipment from the accounting records upon disposal.

Conditional asset retirement obligations related to legal requirements to perform certain future activities associated with the retirement, disposal, or abandonment of assets are accrued utilizing site-specific surveys to estimate the net present value for applicable future costs (e.g., asbestos abatement or removal).

Vanderbilt reviews long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Vanderbilt recognizes an impairment charge when the fair value of the asset or group of assets is less than the carrying value.

Debt Portfolio Financial Instruments

Vanderbilt reports long-term debt at carrying value. The carrying value of Vanderbilt's debt is the par amount adjusted for the net unamortized amount of bond premiums and/or discounts. Vanderbilt utilizes interest rate exchange agreements as part of its debt portfolio management strategy. The consolidated statements of activities include any gain or loss resulting from recording the fair value of derivative financial instruments as a nonoperating item.

Parties to interest rate exchange agreements are subject to risk for changes in interest rates as well as risk of credit loss in the event of nonperformance by the counterparty. Vanderbilt deals only with high-quality counterparties that meet rating criteria for financial stability and credit worthiness. Additionally, the agreements require the posting of collateral when amounts subject to credit risk under the contracts exceed specified levels.

Contributions

Vanderbilt recognizes unconditional promises to give (pledges) as contribution revenue upon receipt of a commitment from the donor, with payments due in future periods reported as increases in net assets with donor restrictions at the estimated present value of future cash flows. Vanderbilt recognizes pledges net of an allowance for amounts estimated to be uncollectible based upon past collection experience and other judgmental factors.

Vanderbilt records contributions with donor-imposed restrictions as net assets without donor restrictions revenue if the university receives the contribution and meets the restrictions in the same reporting period. Otherwise, Vanderbilt records contributions with donor-imposed restrictions as increases in net assets with donor restrictions.

After meeting donor stipulations, Vanderbilt releases contributions from restriction and recognizes these contributions as net assets without restriction. Vanderbilt releases from restrictions contributions for capital improvements and recognizes these contributions as nonoperating revenue when the related asset is placed in service.

In contrast to unconditional promises, Vanderbilt does not record conditional promises (primarily bequest intentions and conditional grants) until the university meets donor stipulations.

Measure of Operations

The university's measure of operations, the change in net assets without donor restriction from operating activity, as presented in the consolidated statement of activities includes revenue from tuition and fees (net of financial aid), grants and contracts, trademark revenue, revenue from affiliates, contributions for operating programs, endowment distributions in support of operations, and other revenues. Vanderbilt reports operating expenses on the consolidated statement of activities by natural classification.

The university's nonoperating activity within the consolidated statement of activities includes endowment and other investment returns, changes in the fair value of derivative financial instruments, contributions for capital improvements, and other nonrecurring items.

Income Taxes

Vanderbilt is a tax-exempt organization as described in Section 501(c)(3) of the Internal Revenue Code ("the Code"), and generally is exempt from federal income taxes on related income pursuant to Section 501(a) of the Code. Vanderbilt is, however, subject to federal and state income tax on unrelated business income, and provision for such taxes is included in the accompanying consolidated financial statements. Vanderbilt regularly evaluates its tax position and does not believe it has any material uncertain tax positions that require disclosure or adjustment to the consolidated financial statements.

Vanderbilt University

On December 22, 2017, the Tax Cuts and Jobs Act (“TCJA”) was enacted. TCJA impacts Vanderbilt in several ways, including imposing excise taxes on certain excess compensation and net investment income, and establishing new rules for calculating unrelated business taxable income. Vanderbilt has reflected the tax assets, liabilities, and payables in the consolidated financial statements based on reasonable estimates under the currently available regulatory guidance on the TCJA. Vanderbilt continues to evaluate the impact of the TCJA on current and future tax positions.

Use of Estimates

The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses during the reporting period as well as the disclosure of contingent assets and liabilities. Actual results could differ from these estimates.

Newly Adopted Accounting Standards

On July 1, 2019, Vanderbilt adopted ASU 2016-02, Leases (ASC Topic 842). ASU 2016-02 requires recognition of rights and obligations arising from lease contracts, including existing and new arrangements, as assets and liabilities on the balance sheet. The new standard aims to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the consolidated statement of financial position and disclosing key information about leasing arrangements. Vanderbilt adopted this standard on July 1, 2019 and applied the guidance to each lease that had commenced as of that date. As a result, prior comparative periods were not adjusted. As permitted by the ASU, Vanderbilt elected not to apply recognition requirements in the standard to leases that, at their commencement dates, had lease terms of 12 months or less. Additionally, Vanderbilt elected the package of practical expedients permitted under the ASU’s transition guidance, which allowed Vanderbilt to carry forward its identification of contracts that are or contain leases. As a result of implementing the new standard, the consolidated statement of financial position as of July 1, 2019 includes right-of-use assets of \$74.9 million and lease liabilities of \$74.9 million representative of Vanderbilt’s discounted future lease payments. Vanderbilt’s adoption of the new standard in fiscal 2020 required extensive quantitative and qualitative financial statement disclosures regarding Vanderbilt’s lease arrangements (refer to Note 14). In conjunction with the adoption of ASU 2016-02, Vanderbilt also adopted the following ASUs that clarified specific topics within ASC Topic 842: ASU 2018-10, Codification Improvements to Topic 842, Leases; ASU 2018-20, Leases (ASC Topic 842), Narrow Scope Improvements; and ASU 2019-01, Leases (ASC Topic 842), Codification Improvements.

On July 1, 2019, Vanderbilt adopted ASU 2016-01, Financial Instruments – Overall: Recognition and Measurement of Financial Assets and Financial Liabilities. ASU 2016-01 affects all entities that hold financial assets or owe financial liabilities and primarily affects the accounting for equity investments, financial liabilities under the fair value option, and the presentation and disclosure requirements for financial instruments. The standard is effective for entities that are not considered public business entities for annual periods beginning after December 15, 2018. Vanderbilt early adopted the provisions of ASU 2016-01 eliminating the fair value disclosures for financial instruments not recognized at fair value for fiscal 2016. The adoption of the remaining provisions of ASU 2016-01 did not materially impact the consolidated financial statements and related disclosures.

On July 1, 2019, Vanderbilt adopted ASU 2018-13, Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement. ASU 2018-13 modifies and eliminates certain existing provisions and introduces new fair value measurement disclosure requirements. The adoption of this ASU did not materially impact the consolidated financial statements and related disclosures.

On July 1, 2019, Vanderbilt retrospectively adopted ASU 2016-15, Classification of Certain Cash Receipts and Cash Payments. This update is intended to reduce diversity in practice in how certain transactions are classified in the statement of cash flows. The update provides new guidance regarding the classification of debt prepayment or debt extinguishment costs, settlement of zero-coupon debt instruments, contingent consideration payments made after a business combination, proceeds from the settlement of insurance claims, proceeds from the settlement of corporate-owned life insurance policies, including bank-owned life insurance policies, distributions received from equity method investments, beneficial interests in securitized transactions, and separately identifiable cash flows and application of the predominance principle. The standard was applied in a retrospective approach for each period presented and did not materially affect the consolidated statement of cash flows.

On July 1, 2019, Vanderbilt retrospectively adopted ASU 2016-18, Restricted Cash. The amendments in this update require that a statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash equivalents. Therefore, amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. The amendments in this update do not provide a definition of restricted cash or restricted cash equivalents. Vanderbilt applied this update to the consolidated statement of cash flows for both periods presented. As a result of ASU 2016-18, cash of \$480.8 million and cash of \$409.7 million included within investments in fiscal years 2019 and 2020, respectively, have been designated as cash and are included in the consolidated statements of cash flows. Further, the presentation in the consolidated statements of cash flows of purchases and sales of investments no longer includes the impact of increases or decreases in cash classified as investments.

3. LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure within one year of June 30 were as follows (*in thousands*):

	2020	2019
Total assets	\$ 9,457,594	\$ 9,233,176
Less nonfinancial assets:		
Property, plant, and equipment, net	1,447,896	1,196,792
Prepaid expenses and other assets	19,107	18,789
Right-of-use assets	64,168	-
Less assets unavailable for general expenditure within one year:		
Endowment funds, including institutional endowments ^{1,2}	7,268,796	6,633,185
Contributions receivable, greater than one year	111,371	76,739
Interests in trusts held by others and investments allocable to minority interests	57,834	68,799
Annuities, trusts and other illiquid investments	26,568	29,041
Student Loans and other notes receivable, net	21,782	23,173
Financial assets available within one year	\$ 440,072	\$ 1,186,658

¹Total endowment funds unavailable within one year as of June 30, 2020 includes endowment net assets of \$6,917.4 million, which is net of securities sold short of \$351.4 million. Total endowment net assets of \$6,917.4 million comprises \$6,915.8 million of endowment funds recorded as "Investments" on the consolidated statements of financial position, \$353.0 million of endowment cash reflected in "Cash and cash equivalents" in the consolidated statements of financial position and is net of securities sold short of \$351.4 million reflected in "Fair value of securities sold short" in the consolidated statements of financial position. Includes institutional endowments of \$442.9 million of working capital previously invested alongside the endowment.

²Total endowment funds as of June 30, 2019 is \$6,270.9 million and is net of securities sold short of \$362.3 million reflected in "Fair value of securities sold short" in the consolidated statements of financial position.

Vanderbilt has \$440.1 million of financial assets that are available within one year of the balance sheet date to meet cash needs for general expenditure consisting of cash of \$276.1 million, accounts receivable of \$90.9 million, contributions receivable, less than one year of \$11.7 million, and short-term investments of \$61.3 million.

Vanderbilt manages its financial assets for availability when its operating expenditures, liabilities and other obligations come due. In addition, Vanderbilt invests cash in excess of daily requirements in short-term investments or fixed income securities. To supplement working capital and investment commitments, Vanderbilt had a general line of credit totaling \$250.0 million as of June 30, 2020, with no outstanding borrowings under this agreement. The line of credit agreement was renewed in September 2020 and expires in September 2021. Additionally, in fiscal year 2020, Vanderbilt entered into two separate additional general lines of credit totaling \$75 million and \$50 million, respectively. The \$75 million line of credit matures in June 2021 and the \$50 million line of credit matures in April 2021. In fiscal years 2020 and 2019, Vanderbilt did not borrow against any of its general use lines of credit to support operations. Vanderbilt's commercial paper limitation is \$200.0 million; Vanderbilt had no amounts of commercial paper outstanding as of June 30, 2020.

Vanderbilt provides liquidity support for debt with short-term remarketing periods through self-liquidity. Additionally, Vanderbilt has institutional endowments of \$3,969.5 million as of June 30, 2020. Although Vanderbilt does not intend to spend from its institutional endowment funds, other than amounts appropriated for general expenditure as part of its annual budget approval and appropriation process, amounts from its institutional endowment funds could be made available if necessary. However, both the endowments with donor-restrictions and institutional endowments contain investments with lock-up provisions that would reduce the total investments that could be made available (refer to Notes 7 and 13 for disclosures about investments).

4. ACCOUNTS RECEIVABLE

The major components of accounts receivable as of June 30 were as follows (*in thousands*):

	2020	2019
VUMC related agreements	\$ 46,842	\$ 42,431
Research and sponsored programs	35,188	34,729
Tuition and fees	2,418	2,352
Accrued investment income	1,161	1,337
Other	8,154	8,538
Accounts receivable	93,763	89,387
Less: Allowance for uncollectible amounts	(2,828)	(1,059)
Accounts receivable, net	\$ 90,935	\$ 88,328

Vanderbilt records allowances for uncollectible amounts based on management's assessment of expected net collections considering historical trends and current economic factors.

Vanderbilt's accounts receivable balance at June 30, 2020, includes \$35.2 million related to research and sponsored programs, and \$46.8 million related to agreements with VUMC. These receivables account for 90% of total net receivables at June 30, 2020.

5. CONTRIBUTIONS RECEIVABLE

Contributions receivable as of June 30 were as follows (*in thousands*):

	2020	2019
Unconditional promises expected to be collected:		
in one year or less	\$ 11,710	\$ 46,208
between one year and five years	115,837	90,117
in more than five years	9,431	3,930
Contributions receivable	136,978	140,255
Less: Discount	(634)	(5,565)
Less: Allowance for uncollectible promises	(13,263)	(11,743)
Contributions receivable, net	\$ 123,081	\$ 122,947

Vanderbilt discounts contributions receivable at a rate commensurate with the scheduled timing of receipt. Vanderbilt applied discount rates ranging from 0.2% to 0.3% to amounts outstanding as of June 30, 2020 and 2019. Vanderbilt's methodology for calculating the allowance for uncollectible promises consists of analyzing write-offs as a percentage of gross pledges receivable along with assessing the age and activity of outstanding pledges.

Contributions receivable, net as of June 30, were as follows (*in thousands*):

	2020	2019
Restricted for programs and other operational purposes	\$ 17,089	\$ 15,601
Restricted for capital improvements	35,745	25,719
Restricted for endowment	70,247	81,627
Contributions receivable, net	\$ 123,081	\$ 122,947

In addition to pledges reported as contributions receivable, Vanderbilt had cumulative bequest intentions and conditional promises to give of approximately \$531.0 million and \$469.9 million as of June 30, 2020 and 2019, respectively. Due to their conditional nature, Vanderbilt does not recognize these intentions to give as assets.

6. STUDENT LOANS AND OTHER NOTES RECEIVABLE

Student loans and other notes receivable as of June 30 were as follows (*in thousands*):

	2020			2019		
	Receivable	Allowance	Net	Receivable	Allowance	Net
Student loans:						
Federal	\$ 18,521	\$ (105)	\$ 18,416	\$ 20,459	\$ (2,045)	\$ 18,414
Institutional	3,217	(575)	2,642	4,292	(599)	3,693
Total student loans	21,738	(680)	21,058	24,751	(2,644)	22,107
Faculty mortgages	724	-	724	1,066	-	1,066
Student loans, other notes receivable, and related allowances	\$ 22,462	\$ (680)	\$ 21,782	\$ 25,817	\$ (2,644)	\$ 23,173

Vanderbilt remains committed to “no loans” for its undergraduate students, meaning that the university is meeting full-demonstrated financial need with scholarship and grant assistance. For other groups (e.g., professional school students), participation in several federal revolving loan programs, including the Perkins, Nursing, and Health Professionals Student Loan programs, has continued.

Vanderbilt carries loans to students at cost, which, based on secondary market information, approximates the fair value of education loans with similar interest rates and payment terms. The availability of funds for new loans under these programs is dependent on reimbursements to the pool from repayments on outstanding loans.

Vanderbilt assigns loans receivable from students under governmental loan programs, also carried at cost, to the federal government or its designees. Vanderbilt classifies refundable advances from the federal government as liabilities in the consolidated statements of financial position. Outstanding loans cancelled under a governmental program result in a reduction of the funds available for loan and a decrease in Vanderbilt’s liability to the government.

Vanderbilt establishes bad debt allowances based on prior collection experience and current economic factors, which, in management’s judgment, could influence the ability of loan recipients to repay amounts due. When deemed uncollectible, Vanderbilt writes off institutional loan balances.

In an effort to attract and retain a world-class faculty, Vanderbilt provides various incentives and historically provided home mortgage financing assistance in select situations. Deeds of trust on properties concentrated in the surrounding region collateralize these notes. Vanderbilt has not recorded an allowance for doubtful accounts for loans based on their collateralization and prior collection history.

7. INVESTMENTS

Investments consist of the following as of June 30 (*in thousands*):

	2020	2019
Short-term securities ¹	\$ 144	\$ 147
Global equities ¹	2,042,582	2,028,872
Fixed income ¹	668,993	910,880
Hedged strategies ⁵	1,825,953	1,597,304
Private capital ³	1,889,593	1,661,409
Real estate ³	163,199	156,756
Natural resources ³	300,834	358,253
Commodities ²	96,918	148,759
Trusts ⁴	26,568	29,041
Other investments ⁴	18,838	32,578
Total value ⁶	\$ 7,033,622	\$ 6,923,999
Total cost	\$ 5,716,770	\$ 5,381,404

¹ Quoted prices in active markets determine fair value or fund managers provide the net asset value per share of the specific investment to establish fair value.

² Quoted prices in active markets determine fair value.

³ Fund managers provide the net asset value of Vanderbilt’s ownership interests at the fund level to establish fair value.

⁴ Carrying value provides a reasonable estimate of fair value for certain components.

⁵ Quoted prices in active markets determine fair value or fund managers provide the net asset value per share of the specific investment to establish fair value. Includes \$409.7 million and \$480.8 million of cash and cash equivalents classified as investments in fiscal 2020 and 2019, respectively.

⁶ Net of securities sold short of \$351.4 million and \$362.3 million, total value of investments is \$6,682.2 million and \$6,561.7 million in fiscal 2020 and 2019, respectively.

Vanderbilt University

Included in the amounts above are investments allocable to noncontrolling interests (i.e., minority limited partners) reported at fair value. Changes in noncontrolling interests net assets for the fiscal year ended June 30, 2020, were as follows:

Fair value as of June 30, 2019	\$ 38,106
Distributions to minority limited partners	(5,760)
Capital commitments funded by minority limited partners	140
Appreciation allocable to minority limited partners	(2,505)
Fair value as of June 30, 2020	\$ 29,981

Short-term securities primarily comprise short-term U.S. Treasury bills.

Global equities consist of investment funds globally diversified across public markets including U.S. markets, other developed markets, and emerging and frontier markets. Fund managers of these investments have the ability to shift investments from value to growth strategies, from small to large capitalization stocks, and from a net long position to a net short position.

Fixed income includes investments directed towards capital preservation and predictable yield as well as more opportunistic strategies focused on generating return on price appreciation. These investments are primarily public investments such as U.S. Treasuries and other government obligations, investment-grade corporate bonds, high-yield corporate bonds, bank debt, commercial mortgage-backed securities, residential non-agency mortgage-backed securities, asset-backed securities, direct lending, and below investment-grade developed and emerging market sovereign debt. Vanderbilt may make investments through commingled vehicles, separately managed accounts, synthetic transactions, and limited partnership interests.

Hedged strategies investments reflect multiple strategies such as event driven, relative value, and equity funds to diversify risks and reduce volatility in the portfolio generally in hedge fund structures. These strategies also include investments in both long and short primarily credit-oriented securities. Investments may include mortgage-backed securities, trade finance, debt and asset-backed securities, repurchase agreements, senior loans, bank loans, and cash designated for investment. The fair value of open short positions is recorded as a liability and Vanderbilt records an unrealized gain or loss to the extent of the difference between the proceeds received and the value of the open short position. By entering into short sales, Vanderbilt bears the market risk of increases in the value of the security sold short in excess of the proceeds received. Possible losses from short sales differ from losses that could be incurred from purchases of securities because losses from short sales may be unlimited whereas losses from purchases cannot exceed the total amount invested.

Private capital consists of illiquid investments in buyouts, distressed debt, mezzanine debt, growth equity, and venture capital. Vanderbilt may make investments through commingled vehicles, separately managed accounts, synthetic transactions, limited partnership interests, and direct investments.

Real estate comprises illiquid investments in residential and commercial real estate assets, projects, publicly traded REITs or land held directly through separately managed accounts, limited partnership interests, and direct investments in properties. The nature of the investments in this category is such that distributions generally reflect liquidation of the underlying assets of the funds.

Natural resources include illiquid investments in timber, oil and gas production, mining, energy, and related services businesses held directly or in commingled limited partnership funds.

Commodities include public investments such as commodity futures, commodity-related equities, and private investments in energy, power, infrastructure, and timber. Investments may be made through commingled vehicles, separately managed accounts, synthetic transactions, limited partnership interests, and direct investments.

Trusts are Vanderbilt's split-interest agreements with donors, including charitable gift annuities, life income funds, and other non-endowed trusts.

8. ENDOWMENT

Endowment-related assets include donor-restricted endowments and institutional endowments (quasi-endowments). Vanderbilt's endowment does not include gift annuities, interests in trusts held by others, contributions pending donor designation, or contributions receivable.

Interpretation of Relevant Law

The Board of Trust's interpretation of its fiduciary responsibilities for donor-restricted endowments under the Uniform Prudent Management of Institutional Funds Act ("UPMIFA") requirements, barring the existence of any donor-specific provisions, is to preserve intergenerational equity. 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

Vanderbilt University

perpetuity. Vanderbilt 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.

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, Vanderbilt reports both the historical value for such endowments and the net accumulated appreciation, including recapitalizations, as net assets with donor restrictions. In this context, historical value represents the original value of initial contributions restricted as perpetual 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.

Spending Policy

Specific appropriation for expenditure of Vanderbilt's endowment funds occurs each spring when the Board of Trust approves the university's operating budget for the subsequent fiscal year. For fiscal years 2020 and 2019, Vanderbilt's Board of Trust approved endowment distributions based on 5.0% of the average of the previous three calendar year-end market values. Vanderbilt reinvests actual realized endowment return earned in excess of distributions. For years when the endowment return is less than the distribution, the endowment pool's cumulative returns from prior years cover the shortfall.

Vanderbilt may not fully expend Board-appropriated endowment distributions in a particular fiscal year. In some cases, Vanderbilt will reinvest distributions into the endowment. Institutional endowments, which are Board-designated, include amounts for student scholarships and support for faculty research and teaching.

The table below summarizes Vanderbilt's endowment for the fiscal years ended June 30 (*in thousands*):

2020	Without Donor Restrictions	With Donor Restrictions	Total
Endowments with donor-restrictions	\$ -	\$ 2,745,595	\$ 2,745,595
Reinvested distributions of donor-restricted endowments	117,974	84,301	202,275
Institutional endowments ¹	3,969,501	-	3,969,501
Endowment net assets as of June 30, 2020	\$ 4,087,475	\$ 2,829,896	\$ 6,917,371

¹ Includes institutional endowments of \$442.9 million of working capital previously invested alongside the endowment.

2019	Without Donor Restrictions	With Donor Restrictions	Total
Endowments with donor-restrictions	\$ -	\$ 2,822,479	\$ 2,822,479
Reinvested distributions of donor-restricted endowments	123,981	85,977	209,958
Institutional endowments	3,238,440	-	3,238,440
Endowment net assets as of June 30, 2019	\$ 3,362,421	\$ 2,908,456	\$ 6,270,877

The purposes of endowments with donor-restrictions as of June 30 were as follows (*in thousands*):

	2020	2019
Student scholarships	\$ 1,093,497	\$ 1,106,455
Endowed chairs	803,254	830,699
Operational support, not yet appropriated	523,072	548,721
Program support	228,564	235,445
Research	68,585	69,866
Capital improvements	33,587	33,312
Faculty support and lectureships	31,547	32,903
Other	47,790	51,055
Total endowments with donor-restrictions	\$ 2,829,896	\$ 2,908,456

Return Objectives and Parameters

Currently, the endowment portfolio consists of three primary components designed to serve a specific role in establishing the right balance between risk and return. These three components are global, public, and private equity investments. Vanderbilt expects these three components, including private capital and many hedge funds, to produce favorable returns in environments of accelerated growth and economic expansion. Vanderbilt expects hedged strategies and fixed income investments to generate stable returns and preserve capital during periods of poor equity performance. Vanderbilt uses real estate and natural resources allocations to provide an inflation hedge.

Vanderbilt University

Funds with Deficiencies

From time to time, the fair value of assets associated with an endowed fund may fall below the level that a donor or UPMIFA requires in terms of maintenance of perpetual duration endowments. Vanderbilt has a policy that permits spending from underwater funds, unless specifically prohibited by the donor or relevant laws and regulations. As of June 30, 2020 and 2019, Vanderbilt had 159 and 22 funds, respectively, with deficiencies of this nature resulting from unfavorable market declines that occurred after the investment of recent contributions with donor restrictions. Vanderbilt believes these declines are modest in relation to the total market value for donor-restricted endowments and that these deficiencies will be relatively short-term in nature. The amount of such deficiencies for the fiscal years ended June were as follows:

	2020	2019
Aggregate original gift amount	\$ 107,163	\$ 20,425
Aggregate fair value	104,438	20,317
Aggregate deficiency	\$ 2,725	\$ 108

Changes in endowment net assets for the fiscal years ended June 30 were as follows (*in thousands*):

2020	Without Donor Restrictions	With Donor Restrictions	Total
Endowment net assets as of June 30, 2019	\$ 3,362,421	\$ 2,908,456	\$ 6,270,877
Endowment investment return, net	(16,359)	(4,947)	(21,306)
Gifts and additions to endowment, net ¹	916,806	61,974	978,780
Endowment distributions	(175,393)	(135,587)	(310,980)
Endowment net assets as of June 30, 2020	\$ 4,087,475	\$ 2,829,896	\$ 6,917,371

¹ Includes institutional endowments of \$442.9 million of working capital previously invested alongside the endowment.

2019	Without Donor Restrictions	With Donor Restrictions	Total
Endowment net assets as of June 30, 2018	\$ 1,828,851	\$ 2,779,610	\$ 4,608,461
Endowment investment return, net	211,984	182,172	394,156
Gifts and additions to endowment, net	1,474,728	74,980	1,549,708
Endowment distributions	(153,142)	(128,306)	(281,448)
Endowment net assets as of June 30, 2019	\$ 3,362,421	\$ 2,908,456	\$ 6,270,877

9. PROPERTY, PLANT, AND EQUIPMENT

Property, plant, and equipment as of June 30 were as follows (*in thousands*):

	2020	2019
Land	\$ 183,399	\$ 127,885
Buildings and improvements	1,836,830	1,745,802
Moveable equipment	351,882	332,983
Construction in progress	271,162	140,075
Property, plant, and equipment	2,643,273	2,346,745
Less: Accumulated depreciation	(1,195,377)	(1,149,953)
Property, plant, and equipment, net	\$ 1,447,896	\$ 1,196,792

Buildings and improvements include \$15.6 million and \$15.3 million of leasehold improvements in the years ended June 30, 2020 and 2019. Vanderbilt reports property, plant, and equipment at cost or, if a gift, at fair value as of the date of the gift, net of accumulated depreciation. Vanderbilt computes depreciation using the straight-line method over the estimated useful lives of the assets: 10 to 50 years for buildings, building improvements, and land improvements, the shorter of the asset life or life of the lease including renewal options for leasehold improvements, and 3 to 25 years for machinery and equipment.

Purchases for the library collection are not included in the amounts above as Vanderbilt expenses such items at the time of purchase. As of June 30, 2020, the estimated replacement cost for library collections, including processing costs to properly identify, catalog, and shelve materials, totaled \$445.6 million.

Vanderbilt reported capitalized interest of \$4.7 million and \$1.4 million to construction in progress and/or buildings and improvements in the years ended June 30, 2020 and 2019.

Vanderbilt University

Vanderbilt reviews property, plant, and equipment for recoverability whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. The university recognizes an impairment loss if the carrying amount of a long-lived asset exceeds its fair value and is not recoverable. The carrying amount of a long-lived asset is not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset. Vanderbilt did not recognize any impairment losses in fiscal 2020 or 2019.

Vanderbilt identified conditional asset retirement obligations, primarily for the costs of asbestos removal and disposal, resulting in liabilities of \$2.8 million and \$3.4 million as of June 30, 2020 and 2019, respectively. These liability estimates, included in Accounts payable and accrued liabilities in the consolidated statements of financial position, use an inflation rate of 0.33% and 4.0% and a discount rate of 3.33% and 5.0% based on relevant factors at origination as of June 30, 2020 and 2019.

10. LONG-TERM DEBT

Long-term debt consists of bonds and notes payable with scheduled final maturity dates at least one year after the original issuance date.

Outstanding long-term debt reflected in the financial statements at carrying value as of June 30 were as follows (*in thousands*):

	Fiscal Year of Maturity	Fixed Coupon Interest Rates as of June 30, 2020	Fiscal 2020 Effective Interest Rate ¹	Outstanding Principal	
				2020	2019
FIXED-RATE DEBT					
Series 2009A - Tax-exempt	2020	n/a	4.6%	\$ -	\$ 2,360
Series 2012D - Tax-exempt	2038	n/a	2.4%	-	106,230
Series 2016 - Taxable	2047	1.32% - 3.44%	3.0%	122,120	127,900
Series 2018 – Private Placement	2049	3.93%	3.9%	300,000	300,000
Series 2019 – Private Placement	2038	2.51%	2.5%	120,000	-
Fixed-rate debt (par amount)			3.5%	\$ 542,120	\$ 536,490
Net unamortized premium			-	-	6,879
Cost of Issuance			-	(1,078)	(1,123)
Total long-term debt			3.5%	541,042	542,246

¹ Exclusive of interest rate exchange agreements. Inclusive of these agreements, the overall portfolio effective interest rate was 3.6%.

All debt instruments are general obligations of Vanderbilt. Vanderbilt did not pledge any of its assets as collateral for this debt.

The components of interest for total long-term debt and interest rate exchange agreements follow (*in thousands*):

	2020	2019
Payments for interest costs	\$ 19,362	\$ 16,694
Accrued interest expense	\$ 13,741	\$ 16,818

Payments for interest costs occur on varying scheduled payment dates for debt and settlement dates for interest rate exchange agreements. Vanderbilt calculates accrued interest expense for its debt and interest rate exchange agreements based on applicable interest rates for the respective fiscal year. Accrued interest expense of \$13.7 million and \$16.8 million in fiscal 2020 and 2019, respectively, included capitalized interest of \$4.7 million and \$1.4 million, respectively.

Principal retirements and scheduled sinking fund requirements based on nominal maturity schedules for long-term debt due in subsequent fiscal years are as follows (*in thousands*):

2021	\$ 8,955
2022	8,665
2023	8,885
2024	16,125
2025	16,345
Thereafter	483,145
Total long-term debt principal retirements	\$ 542,120

Vanderbilt University

On November 14, 2019, Vanderbilt executed a note purchase agreement for \$100.0 million, 3.00% senior notes (private placement) with funding of all proceeds occurring on July 1, 2020, in fiscal 2021 (the “Series 2020 Private Placement”). The Series 2020 Private Placement proceeds will provide \$100.0 million of new project funding to finance construction of residential colleges and other strategic capital projects.

On December 5, 2019, Vanderbilt executed a fixed-rate term loan agreement with a regional bank for \$120.0 million at 2.51% (the “Series 2019 Private Placement”). The Series 2019 Private Placement proceeds: (i) refunded the Series 2012D Tax Exempt debt, inclusive of an escrow to the call date of those bonds, and (ii) provided \$5.8 million of new project funding to finance strategic capital projects.

11. INTEREST RATE EXCHANGE AGREEMENTS

Effective June 15, 2020, Vanderbilt had no remaining interest rate exchange agreements. These agreements resulted in periodic net cash settlements paid to, or received from, the counterparty. Adjustments to interest expense for net settlements due to the counterparties totaled \$0.6 million and \$2.3 million in fiscal 2020 and 2019, respectively.

Vanderbilt estimates the fair value of interest rate exchange agreements by calculating the present value sum of future net cash settlements that reflect market yields as of the measurement date and estimated amounts that Vanderbilt would pay to terminate the contracts as of the report date. Vanderbilt considers current interest rates and creditworthiness of the interest rate exchange counterparties when estimating termination settlements. The estimated fair value of Vanderbilt’s outstanding interest rate exchange agreements represented liabilities of zero and \$22.7 million as of June 30, 2020 and 2019, respectively.

Vanderbilt did not enter into any new interest rate exchange agreements during fiscal 2020 or 2019. During fiscal 2020, Vanderbilt terminated its remaining \$50.0 million notional fixed-rate payer interest rate exchange agreement at a cost of \$29.7 million.

The fair value of interest rate exchange agreements, reported in the nonoperating section of the consolidated statements of activities, resulted in a net loss of \$7.0 million and a net loss of \$8.5 million in fiscal 2020 and 2019, respectively. The \$7.0 million change in appreciation of interest rate exchange agreements in fiscal 2020 includes a \$0.5 million unrealized loss to adjust the discount rate to reflect counterparty credit risk and \$29.7 million of termination costs, which were partially offset by a \$23.2 million net unrealized gain due to the termination of fixed-rate payer rate exchange agreements. The \$8.5 million change in appreciation of interest rate exchange agreements in fiscal 2019 includes a \$0.6 million unrealized loss to adjust the discount rate to reflect counterparty credit risk and \$13.8 million of termination costs, which were partially offset by a \$5.9 million net unrealized gain due to the termination of fixed-rate payer interest rate exchange agreements.

As of the last remaining interest rate exchange agreement termination on June 15, 2020, thirty-year LIBOR was 0.94%. Termination costs are reflected in the appreciation of interest rate exchange agreements in the respective periods. Thirty-year LIBOR was 2.2% as of June 30, 2019.

The interest rate exchange agreements include collateral pledging requirements based on the fair value of the contracts. There was no collateral held by counterparties as of June 30, 2019.

The notional amount of Vanderbilt’s remaining outstanding interest rate exchange agreement as of June 30 was as follows (*in thousands*):

Description	Rate Paid	Rate Received	Maturity	2020	2019
Fixed-payer interest rate exchange agreement	4.15%	68% of one-month LIBOR ¹	Terminated	\$ -	\$ 50,000

¹ LIBOR (London Interbank Offered Rate) is a reference rate based on interest rates at which global banks borrow funds from other banks in the London interbank lending market.

12. NET ASSETS

The following is a summary of net assets as of June 30 (*in thousands*):

2020	Without donor restriction	With donor restriction	Total
Operations	\$ 120,259	\$ -	\$ 120,259
Deferred trademark license revenue	(1,645,053)	-	(1,645,053)
Net investment in plant	906,793	-	906,793
Endowment funds	4,087,475	2,829,896	6,917,371
Donor pledges and gifts	-	162,883	162,883
Split-interest agreements	-	70,324	70,324
Net assets controlled by Vanderbilt	3,469,474	3,063,103	6,532,577
Net assets related to noncontrolling interests	29,981	-	29,981
Total net assets as of June 30, 2020 ¹	\$ 3,499,455	\$ 3,063,103	\$ 6,562,558

¹ Total net assets with donor restrictions as of June 30, 2020 includes net asset with donor restrictions; restricted in perpetuity of \$1,535,536.

2019	Without donor restriction	With donor restriction	Total
Operations	\$ 818,991	\$ -	\$ 818,991
Deferred trademark license revenue	(1,344,670)	-	(1,344,670)
Net investment in plant	653,857	-	653,857
Endowment funds	3,362,421	2,908,456	6,270,877
Donor pledges and gifts	-	158,475	158,475
Split-interest agreements	-	77,841	77,841
Net assets controlled by Vanderbilt	3,490,599	3,144,772	6,635,371
Net assets related to noncontrolling interests	38,106	-	38,106
Total net assets as of June 30, 2019 ¹	\$ 3,528,705	\$ 3,144,772	\$ 6,673,477

¹ Total net assets with donor restrictions as of June 30, 2019 includes net asset with donor restrictions; restricted in perpetuity of \$1,485,932.

13. FAIR VALUE MEASUREMENT

Vanderbilt utilizes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three levels:

Level 1 consist of quoted prices (unadjusted) in active markets for identical assets or liabilities accessible at the measurement date.

Level 2 include inputs other than quoted prices in Level 1 directly or indirectly observable for the assets or liabilities.

Level 3 are unobservable inputs for the assets or liabilities.

The level in the fair value hierarchy within which a fair value measurement in its entirety is classified depends on the lowest level input that is significant to the fair value measurement.

The significance of the unobservable inputs to the overall fair value measurement determines the classification of a financial instrument within level 3.

The consolidated statements of activities reflect: all net realized and unrealized gains and losses on level 3 investments as appreciation of endowment or appreciation of other investments; gains and losses on investments allocable to noncontrolling interests as a component of appreciation of endowment; and net realized and unrealized gains and losses on interests in trusts held by others as appreciation of other investments.

Vanderbilt University

Rollforwards of amounts for level 3 financial instruments for the fiscal years ended June 30 follow (in thousands):

	Beginning balance as of June 30, 2019	Net realized and unrealized gains (losses) ¹	Purchases	Sales	Transfers into/(out of) level 3	Ending balance as of June 30, 2020
LEVEL 3 ASSETS						
Private capital	\$ 2,368	\$ -	\$ -	\$ -	\$ -	\$ 2,368
Real estate	194	-	-	(176)	-	18
Natural resources	34,003	(2,994)	-	(2,741)	-	28,268
Trusts	29,041	(1,363)	24,990	(26,100)	-	26,568
Other investments	2,827	487	-	(1,143)	-	2,171
Interests in trusts held by others	30,693	(2,538)	-	(302)	-	27,853
Total Level 3	\$ 99,126	\$ (6,408)	\$ 24,990	\$ (30,462)	\$ -	\$ 87,246

¹Total change in unrealized gains/(losses) relating to Level 3 investment assets held by the university at June 30, 2020, is \$ (9,634.4) and is reflected in "Appreciation of endowment, net of distributions" for private capital and natural resources categories as well as "Investment income (loss)" for remaining categories in the consolidated statement of activities.

	Beginning balance as of June 30, 2018	Net realized and unrealized gains (losses) ¹	Purchases	Sales	Transfers into/(out of) level 3	Ending balance as of June 30, 2019
LEVEL 3 ASSETS						
Private capital	\$ 2,368	\$ -	\$ -	\$ -	\$ -	\$ 2,368
Real estate	194	-	-	-	-	194
Natural resources	34,649	2,019	-	(2,665)	-	34,003
Trusts	34,577	1,102	2,250	(8,888)	-	29,041
Other investments	2,741	86	-	-	-	2,827
Interests in trusts held by others	30,753	(231)	231	(60)	-	30,693
Total Level 3	\$ 105,282	\$ 2,976	\$ 2,481	\$ (11,613)	\$ -	\$ 99,126

¹Total change in unrealized gains/(losses) relating to Level 3 investment assets held by the university at June 30, 2019, is \$1,469.1 and is reflected in "Appreciation of endowment, net of distributions" for private capital and natural resources categories as well as "Investment income (loss)" for remaining categories in the consolidated statement of activities.

The following tables present the amounts within each valuation hierarchy level for those assets and liabilities carried at fair value: cash and cash equivalents; investments; investments allocable to noncontrolling interests (in Vanderbilt-controlled real estate and other partnerships); interests in trusts held by others; securities sold short; and the fair value of interest rate exchange agreements.

Also included in the following tables, as a measure of liquidity, are the redemption terms and restrictions of investments, along with the numbers of days' notice required to liquidate these investments. Most investments classified as levels 2 and 3 consist of shares or units in investment funds as opposed to direct interests in the funds' underlying holdings. Vanderbilt's ability to redeem its interest at or near the financial statement date determines the net assets' classification as level 2 or level 3. Vanderbilt defines near-term as within 90 days of the financial statement date. The total asset values for short-term securities, global equities, fixed income, hedged strategies, and commodities provide varying levels of liquidity, with daily to annual redemption frequencies. These strategies allow Vanderbilt to provide notice to the fund managers to exit from the respective funds in the time periods noted.

The total asset values for private capital, real estate, natural resources, and other investments are illiquid as of June 30, 2020. These amounts predominantly consist of limited partnerships. Under the terms of these limited partnership agreements, Vanderbilt is obligated to remit additional funding periodically as capital calls are exercised by the general partner. These partnerships have a limited existence and the agreements may provide for annual extensions relative to the timing for disposing portfolio positions and returning capital to investors. Depending on market conditions, the ability or inability of a fund to execute its strategy, and other factors, the general partner may extend the terms or request an extension of terms of a fund beyond its originally anticipated existence or may liquidate the fund prematurely. Unforeseen events prevent Vanderbilt from anticipating such changes. As a result, the timing and amount of future capital calls or distributions in any particular year are uncertain and the related asset values are illiquid.

Trusts are restricted by donors according to the underlying gift agreement with assets held to satisfy annuity obligations or until a remainder portion becomes available upon termination. As such, trusts are illiquid until termination, the timing of which is unknown.

Vanderbilt University

The following tables summarize the fair value measurements and terms for redemptions or liquidations for those assets and liabilities carried at fair value as of June 30 (*in thousands*):

Assets Reported at Fair Value as of June 30, 2020						
	Fair Value Measurements					Total
	Level 1	Level 2	Level 3	NAV		
Cash and cash equivalents	\$ 629,150	\$ -	\$ -	\$ -	\$ -	\$ 629,150
Short-term securities	144	-	-	-	-	144
Global equities	1,526,526	78,051	-	438,005	-	2,042,582
Fixed income	196,284	472,709	-	-	-	668,993
Hedged strategies	930,859	567,188	-	327,906	-	1,825,953
Private capital	35,908	-	2,368	1,851,317	-	1,889,593
Real estate	-	-	18	163,181	-	163,199
Natural resources	374	-	28,268	272,192	-	300,834
Commodities	96,918	-	-	-	-	96,918
Trusts	-	-	26,568	-	-	26,568
Other investments	(6,179)	22,846	2,171	-	-	18,838
Interests in trusts held by others	-	-	27,853	-	-	27,853
Total assets reported at fair value	\$ 3,409,984	\$ 1,140,794	\$ 87,246	\$ 3,052,601	\$ -	\$ 7,690,625

Liabilities Reported at Fair Value as of June 30, 2020						
Securities sold short	\$ 306,111	\$ 45,314	\$ -	\$ -	\$ -	\$ 351,425
Total liabilities reported at fair value	\$ 306,111	\$ 45,314	\$ -	\$ -	\$ -	\$ 351,425

Assets Reported at Fair Value as of June 30, 2019						
	Fair Value Measurements					Total
	Level 1	Level 2	Level 3	NAV		
Cash and cash equivalents	\$ 828,455	\$ -	\$ -	\$ -	\$ -	\$ 828,455
Short-term securities	147	-	-	-	-	147
Global equities	1,436,345	85,994	-	506,533	-	2,028,872
Fixed income	334,064	467,597	-	109,219	-	910,880
Hedged strategies	800,304	468,358	-	328,642	-	1,597,304
Private capital	37,547	-	2,368	1,621,494	-	1,661,409
Real estate	-	-	194	156,562	-	156,756
Natural resources	170	-	34,003	324,080	-	358,253
Commodities	148,759	-	-	-	-	148,759
Trusts	-	-	29,041	-	-	29,041
Other investments	4,217	25,534	2,827	-	-	32,578
Interests in trusts held by others	-	-	30,693	-	-	30,693
Total assets reported at fair value	\$ 3,590,008	\$ 1,047,483	\$ 99,126	\$ 3,046,530	\$ -	\$ 7,783,147

Liabilities Reported at Fair Value as of June 30, 2019						
Securities sold short	\$ 268,322	\$ 93,987	\$ -	\$ -	\$ -	\$ 362,309
Interest rate exchange agreements	-	22,742	-	-	-	22,742
Total liabilities reported at fair value	\$ 268,322	\$ 116,729	\$ -	\$ -	\$ -	\$ 385,051

Vanderbilt University

Redemption Terms and Restrictions as of June 30, 2020 and 2019

	2020 Fair Value	Redemption Terms	Redemption Restrictions
Cash and cash equivalents	\$ 629,150	Daily, with same-day to 90 day notice	No restrictions
Short-term securities	144	Daily, with 1 day notice	No restrictions
Global equities	2,042,582	Daily to annually, with 1 to 90 day notice	Lock-up provision ranging from none to 2 years
Fixed income	668,993	Daily to annually, with 1 to 365 day notice	No restrictions
Hedged strategies	1,825,953	Daily to annually, with 15 to 90 day notice	Lock-up provision ranging from none to 2 years
Private capital	1,889,593	N/A	Not redeemable
Real estate	163,199	N/A	Not redeemable
Natural resources	300,834	N/A	Not redeemable
Commodities	96,918	Daily, with 1 to 30 day notice	No restrictions
Trusts	26,568	N/A	Not redeemable
Other investments	18,838	N/A	Not redeemable
Interests in trusts held by others	27,853	N/A	Not redeemable

14. LEASES

On July 1, 2019, Vanderbilt adopted Topic 842 by applying the guidance at adoption date. As a result, the comparative information as of June 30, 2019, has not been adjusted. Beginning July 1, 2019, Vanderbilt has recognized operating right of use assets (ROU) and lease liabilities for Vanderbilt's leases on its consolidated statements of financial position. Upon adoption of Topic 842, the balances at adoption date of prepaid and accrued rent, lease incentives and unamortized assets and liabilities were reclassified and are now presented within operating lease ROU assets on Vanderbilt's consolidated statement of financial position.

Vanderbilt is obligated under numerous operating leases to pay base rent through the respective lease expiration dates. Operating leases primarily consist of equipment and real property for educational campus facilities and office space with remaining lease terms of up to 8 years through fiscal 2028. Variable lease payments based on an index or rate, such as the consumer price index, are initially measured using the index or rate in effect at lease commencement. Vanderbilt has elected the short-term lease exception under Topic 842 for all leases and as such, leases with an initial term of 12 months or less are not recorded on the consolidated statement of financial position. Vanderbilt recognizes lease expense for short-term leases on a straight-line basis over the lease term.

The following tables summarize the total lease expenses components incurred for the fiscal years ended June 30 (*in thousands*):

	2020	2019
Operating lease expense	\$ 12,940	\$ 13,215
Short-term lease expense	2,510	1,815
Total lease expense	\$ 15,450	\$ 15,030

Other lease information

Cash paid for amounts included in the measurement of lease liabilities:

Operating cash flows from operating leases	13,415
Right-of-use assets obtained in exchange for new operating lease liabilities	1,211
Weighted-average remaining lease term - operating leases	6.44 Years
Weighted-discount rate - operating leases	2.50%

Vanderbilt University

The undiscounted cash flows due by fiscal year related to significant non-cancelable operating leases with initial terms in excess of one year as of June 30, 2020, along with a reconciliation to the discounted amount recorded as of June 30, 2020 were as follows (*in thousands*):

2021	\$ 12,944
2022	11,733
2023	11,109
2024	10,718
2025	10,516
Thereafter	15,130
Total undiscounted cash flows	\$ 72,150
Less amount representing imputed interest	5,528
Total lease obligation	\$ 66,622

Property leases for buildings owned by Vanderbilt University Medical Center (61%) and 2100 West End Avenue (30%) account for approximately 91% of the total future minimum rentals as of June 30, 2020.

Vanderbilt is the lessor in several long-term non-cancelable operating leases for commercial space through fiscal year 2114. Property leases owned by Vanderbilt University and leased by Vanderbilt University Medical Center account for approximately 98% of the total future minimum operating rental revenue as of June 30, 2020.

Future minimum operating rental revenue due as of June 30, 2020 is summarized below (*in thousands*):

2021	\$ 30,725
2022	29,876
2023	29,209
2024	28,913
2025	28,956
Thereafter	1,783,786
Total future minimum rentals	\$ 1,931,465

Vanderbilt University

15. REVENUE RECOGNITION

The following table presents Vanderbilt's sources of revenue as of June 30 as follows (*in thousands*):

	2020	2019
Tuition and educational fees, net		
Undergraduate [net of financial aid, \$155,586 and \$151,484, respectively]	\$ 208,413	\$ 193,033
Professional [net of financial aid, \$58,150 and \$55,170, respectively]	132,206	119,326
Graduate [net of financial aid, \$50,872 and \$48,596, respectively]	8,949	6,942
Total tuition and educational fees, net	349,568	319,301
Grants:		
Government sponsors ¹	129,181	130,589
Private sponsors ¹	10,049	12,392
Facilities and administrative costs recovery ¹	41,650	42,149
Contracts:		
Government sponsors ²	36,351	30,369
Private sponsors ³	20,150	15,264
Facilities and administrative costs recovery ⁴	20,583	18,259
Total grants and contracts	257,964	249,022
Contributions ¹	84,842	143,783
Endowment distributions ¹	310,980	281,448
Investment income ¹	15,223	53,794
Room, board, and other auxiliary services, net		
Room and board, net [net of financial aid, \$38,661 and \$37,869, respectively]	39,161	50,189
Auxiliary revenue from affiliates	35,752	33,190
External rental revenue ¹	11,313	12,027
West Trace	11,026	-
Vanderbilt Legends Club	9,560	9,951
Parking and vehicle registration	4,889	4,693
Commissions revenue	2,254	2,696
Other auxiliary services	3,418	5,737
Total room, board, and other auxiliary services, net	117,373	118,483
Trademark, license, and royalty revenue	113,362	107,850
Affiliated entity revenue	177,998	178,045
Other sources		
Television revenue	33,491	31,786
Tournament revenue	12,538	12,352
Student athletics ticket revenue	9,551	7,426
Conference and seminar revenue	5,249	6,320
Miscellaneous revenue from affiliate	5,338	6,259
Child care operations	2,175	2,375
Other miscellaneous revenue	16,236	23,779
Total other source	84,578	90,297
Total revenues and other support	\$ 1,511,888	\$ 1,542,023

¹ Not considered revenue from contracts with customers

² Revenue from government sponsors includes contracts with customers of \$33 million and contributions of \$3 million in fiscal 2020 and contracts with customers of \$23 million and contributions of \$7 million in fiscal 2019.

³ Revenue from private sponsors includes contracts with customers of \$20 million in fiscal 2020 and contracts with customers of \$14 million and contributions of \$1 million in fiscal 2019.

⁴ Revenue from facilities and administrative costs recovery includes contracts with customers of \$19 million and contributions of \$1 million in fiscal 2020 and contracts with customers of \$16 million and contributions of \$2 million in fiscal 2019.

Vanderbilt University

Vanderbilt's related revenue recognition policies are:

Tuition and educational fees, net—Vanderbilt recognizes student tuition and educational fees in the amount that reflects the consideration expected for providing academic services in the year those services occur. Vanderbilt reflects financial aid provided for tuition and educational fees as a reduction to the expected consideration. Financial aid does not include payments made to students for services provided to Vanderbilt or financial aid applied to undergraduate room and board. In addition, students who adjust their course load or withdraw completely within the first three weeks of the academic term may receive a full or partial refund in accordance with Vanderbilt's refund policy. Refunds issued reduce the amount of tuition recognized. Tuition payments from students are due approximately 30 days after the invoice date.

Grants and contracts—Vanderbilt records revenues related to grants and contracts in two portfolio categories based on the source of the funds:

Government Sponsors provide funding for research largely to advance knowledge for public or academic benefit in direct support of Vanderbilt's mission. Vanderbilt primarily considers these sponsored research agreements to be contributions (nonreciprocal transactions). Vanderbilt recognizes grant and contract revenue associated with contributions from government sponsors as earned when the conditions are met (allowable expenses have been incurred). Additionally, a small portion of government-sponsored awards qualifies as exchange (reciprocal) transactions. The transaction price for exchange transactions is the stated amount of the award. Vanderbilt recognizes grants and contracts revenue related to these exchange transactions at the time services are provided.

Private Sponsors consist of private agencies, professional associations, private foundations, corporate foundations and corporations and may be either donors or sponsors depending on the nature, intent, and expectations of the funding they are providing. Vanderbilt recognizes revenue associated with contributions from private sponsors as the conditions are met. Additionally, some private sponsor awards qualify as exchange (reciprocal) transactions. The transaction price for exchange transactions is the stated amount of the award. Vanderbilt recognizes grants and contracts revenue related to these exchange transactions at the time services are provided.

Facilities and administrative (F&A) costs recovery—Vanderbilt recognizes F&A costs recovery as revenue. This activity represents reimbursement, primarily from the federal government, of F&A costs on sponsored activities. Vanderbilt's federal F&A cost recovery rate for on-campus research was 58.0% in fiscal 2020 and 57.0% in fiscal 2019. Vanderbilt's federal F&A off-campus research adjacent and remote cost recovery rates was 29.4% in fiscal 2020 and 28.5% in fiscal 2019.

Endowment distributions—Endowment distributions reported as operating revenue consist of endowment return (regardless of when such income arose) distributed to support operational needs in the current period. Vanderbilt's Board of Trust approves the distribution amount from the endowment pool on an annual basis, determined by applying a spending rate to an average of the previous three calendar year-end market values. The primary objective of the endowment distribution methodology is to reduce the impact of capital market fluctuations on operational programs.

Investment income—Investment income consists of distributions associated with working capital assets invested in long-term pooled investments managed in conjunction with endowment funds and dividends, interest, and gains/losses on other university investments. Vanderbilt reports any difference between total returns for pooled working capital assets and the aforementioned distributions as nonoperating activity.

Trademark, license, and royalty revenue—The Trademark License Agreement ("TML") between Vanderbilt and VUMC comprises the majority of trademark, license, and royalty revenue. Vanderbilt recognizes all trademark, license, and royalty revenues upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements, which generally result in recognition of the revenue over the term of the agreement. In July 2018, Vanderbilt recorded \$1.43 billion related to the securitized trademark revenue stream as deferred revenue on the Statement of Financial Position and recognizes related revenue upon satisfaction of the performance obligation in accordance with the 30-year term of the underlying agreement. In December 2019, Vanderbilt sold 30 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$332 million.

Affiliated entity revenue—Affiliated entity revenue represents amounts received from VUMC to support and ensure sustainability of the upstream research pipeline and other academic initiatives and to compensate Vanderbilt for the provision of operating and capital infrastructure services to VUMC, primarily in campus infrastructure, campus safety and security, and various support functions. Vanderbilt recognizes affiliated entity revenues as the related services upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements.

Other revenue—Vanderbilt recognizes revenue from other sources as the related services are provided and/or amounts are otherwise earned upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements.

16. FUNCTIONAL CLASSIFICATION OF EXPENSES AND ALLOCATIONS

Vanderbilt presents functional classification of expenses in accordance with the mission of the university. Vanderbilt's primary programs are instruction and academic support, research and public services, and student services. Support activities are incurred in support of these primary programs.

For operating expenses that benefit multiple functional categories, Vanderbilt allocates these expenses to reflect the full cost of all activities. Based on the functional uses of space on its campus, Vanderbilt allocated operation and maintenance of facilities, depreciation, and interest on indebtedness across functional expense categories.

The following tables summarize operating expenses by natural and functional classification for the fiscal years ended June 30 (*in thousands*):

	Instruction & academic support	Research & public service	Student services	Total program expenses	Support activities	Total expenses
2020						
Salaries, wages, and benefits	\$ 353,746	\$ 127,109	\$ 64,363	\$ 545,218	\$ 182,369	\$ 727,587
Supplies, services, and other	153,542	72,822	44,559	270,923	155,809	426,732
Interest	2,513	984	814	4,311	9,430	13,741
Depreciation	22,652	15,469	10,616	48,737	44,945	93,682
Grants to affiliate	-	26,171	-	26,171	-	26,171
Total expenses	\$ 532,453	\$ 242,555	\$ 120,352	\$ 895,360	\$ 392,553	\$ 1,287,913

	Instruction & academic support	Research & public service	Student services	Total program expenses	Support activities	Total expenses
2019						
Salaries, wages, and benefits	\$ 344,478	\$ 123,406	\$ 64,687	\$ 532,571	\$ 168,023	\$ 700,594
Supplies, services, and other	131,625	96,265	54,962	282,852	156,111	438,963
Interest	2,830	1,265	768	4,863	11,955	16,818
Depreciation	20,488	16,082	11,234	47,804	39,492	87,296
Grants to affiliate	-	25,335	-	25,335	-	25,335
Total expenses	\$ 499,421	\$ 262,353	\$ 131,651	\$ 893,425	\$ 375,581	\$ 1,269,006

17. RETIREMENT PLANS

Vanderbilt's eligible faculty and staff members participate in the defined contribution retirement plan administered by a third-party investment firm. For these employees, this plan requires employee and matching employer contributions. The employee immediately vests in these contributions upon eligibility.

Vanderbilt funds the obligations under these plans through payroll transfers to the respective retirement plan administrators with the corresponding expenses recognized in the year incurred. Vanderbilt's retirement plan contributions for fiscal 2020 and 2019 were \$21.2 million and \$20.5 million, respectively.

18. COMMITMENTS AND CONTINGENCIES

(A) *Construction.* As of June 30, 2020, Vanderbilt had contractual commitments for approximately \$122.3 million of projects under construction and equipment purchases. The largest component of this commitment amount was for residential college hall construction for \$88.2 million.

(B) *Litigation.* On May 17, 2016, a former Vanderbilt football player filed suit against the NCAA, the SEC, and Vanderbilt in the Middle District of Florida in Orlando seeking class action status for students who played football at Vanderbilt between 1952 and 2010. The suit is styled *Walthour v. Vanderbilt University, et al.*, No. 16-cv-834 (M.D. Fl.). Walthour alleged he suffered "several" concussions and now has cognitive functioning problems, such as loss of memory, mood swings, sensitivity to light, and blackouts. The suit has been transferred to the Northern District of Illinois for pre-trial purposes as a tag-along action to the multidistrict litigation styled *In re: National Collegiate Athletic Association Student-Athlete Concussion Injury Litigation*, MDL No. 2492.

Vanderbilt University

Vanderbilt believes that the outcome of this action will not have a significant effect on its consolidated financial position. Vanderbilt is otherwise involved in various legal actions occurring in the normal course of activities which will not have a material adverse effect on Vanderbilt's financial position.

(C) *Regulations.* Vanderbilt's compliance with regulations and laws is subject to future government reviews and interpretations, as well as regulatory actions unknown at this time. Vanderbilt believes that any potential liability from such reviews would not have a significant effect on Vanderbilt's consolidated financial position.

(D) *Employee Health and Workers Compensation Insurance.* Vanderbilt is self-insured for employee health insurance and workers compensation coverage. Vanderbilt bases estimated liabilities upon studies conducted by independent actuarial firms.

(E) *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 contract revenue as well as facilities and administrative cost recovery. Vanderbilt would not expect these costs to materially impact the consolidated financial position.

(F) *Partnership Investment Commitments.* Vanderbilt had \$878.8 million of commitments to venture capital, real estate, and private equity investments as of June 30, 2020. At the request of the general partners, Vanderbilt may be required to contribute funds over the next several years. Vanderbilt expects to finance these commitments with available cash and expected proceeds from the sales of securities. Included in these commitments is \$9.5 million of commitments for which Vanderbilt is a secondary guarantor for commitments in certain investment vehicles where minority limited partners in subsidiaries that Vanderbilt controls have the primary obligations.

19. RELATED PARTIES

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

Furthermore, Vanderbilt'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 university duty or responsibility, including the conduct or reporting of research.

The policy extends to all members of the university community (including trustees, university officials, and faculty and staff and their immediate family members). Each applicable person is required to certify compliance with the conflict of interest policy on an annual basis. This certification includes specifically disclosing whether Vanderbilt 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 Vanderbilt's best interests. When situations exist relative to the conflict of interest policy, Vanderbilt takes active measures to manage appropriately the actual or perceived conflict in the best interests of the university, including periodic reporting of the measures taken to the Audit Committee of the Vanderbilt University Board of Trust.

See Note 20 to the consolidated financial statements for discussion regarding the ongoing economic relationship between Vanderbilt and VUMC.

20. VANDERBILT UNIVERSITY MEDICAL CENTER

Vanderbilt has an ongoing economic relationship with VUMC in the form of an Academic Affiliation Agreement ("AAA"), a Trademark Licensing Agreement, a Ground Lease, and a Master Service Agreement ("MSA").

The AAA recognizes the ongoing academic, research, and clinical affiliation between the university and VUMC for all of the university's degree-granting, certificate, and research programs. The AAA serves to allocate responsibility between the university and VUMC for jointly administered academic programs, residency programs, and ongoing roles and rights of the university. The AAA will remain in effect until termination of the TML or Ground Lease.

Pursuant to the TML, the university grants, subject to certain consents and approvals, a perpetual license to VUMC to use various university-owned licensed marks in connection with VUMC's fundamental activities. The licensed marks, which VUMC will continue to use as the

Vanderbilt University

primary brands of VUMC, include virtually all those currently in use by VUMC. The TML will remain in effect until termination of the AAA or Ground Lease.

In July 2018, Vanderbilt securitized 30 years of one of the university's trademark revenue streams and sold the remaining \$89.6 million balance of a promissory note receivable. This securitization occurred on a true-sale basis to a group of external investors in exchange for net cash consideration of \$1.43 billion and a special interest obligation equivalent to the remaining future promissory note interest stream. In December 2019, Vanderbilt securitized 30 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$332 million. This securitization occurred on a true-sale basis.

The Ground Lease allows VUMC to use the land on which its campus and related buildings are located. The initial term of the Ground Lease ends June 30, 2114, with the option to extend for up to two additional terms of 50 to 99 years each upon mutual agreement by Vanderbilt and VUMC.

Vanderbilt and VUMC provide specified services to one another for agreed-upon consideration as outlined in the MSA. Vanderbilt continues to provide services to VUMC such as IT support, utilities, and law enforcement staffing. VUMC will continue to provide graduate medical education and training to Vanderbilt. The terms of these service agreements between Vanderbilt and VUMC are unique to each agreement.

21. SUBSEQUENT EVENTS

Vanderbilt evaluated events subsequent to June 30, 2020, through October 2, 2020, the date of issuance of the consolidated financial statements.

Vanderbilt did not identify any material subsequent events for recognition or disclosure other than the renewal of the general line of credit totaling \$250.0 million, as disclosed in Note 3, and the funding of the 2020 Private Placement, as disclosed in Note 10.

Financial Responsibility Ratios

The Higher Education Act (HEA) allows for the establishment of ratios or other criteria for measuring whether an institution has sufficient financial responsibility. The current regulations establish a methodology based on three ratios that measure different aspects of financial health and are combined into a composite score to measure financial responsibility. All of the amounts appearing below agree to the similarly titled captions within our accompanying Consolidated Statement of Financial Position and Consolidated Statement of Activities, with the exception of net assets with donor restrictions: restricted in perpetuity, which agrees to the amount disclosed in Note 12 to the consolidated financial statements.

The three ratios are as follows:

Primary Reserve Ratio

Expendable Net Assets / Total Expenses Without Donor Restrictions and Losses Without Donor Restrictions

The *primary reserve ratio* is a reasonable measure of financial strength and a broad measure of liquidity. This ratio measures expendable resources within the context of operating size, and therefore provides a measure of relative wealth or wealth against commitments of the institution. Expendable net assets comprise unrestricted net assets controlled by Vanderbilt, net assets with donor restrictions on time and purpose, and net investment in plant. Expenses without donor restrictions and losses without donor restrictions comprise all expenses and losses without donor restrictions from the Statement of Activities less any losses without donor restrictions on investments.

The following table presents Vanderbilt's primary reserve ratio calculation as of June 30, 2020 (*in thousands*):

Primary Reserve Ratio	2020	Calculation
Expendable net assets		
Net assets without donor restrictions, controlled by Vanderbilt	\$ 3,469,474	
Net assets with donor restrictions	3,063,103	
Less net assets with donor restrictions: restricted in perpetuity	(1,535,536)	
Less property, plant, and equipment, net	(1,447,896)	
Long-term debt	541,042	
Total expendable net assets		4,090,187
Total expenses without donor restrictions and losses without donor restrictions		
Total expenses	1,287,913	
Appreciation of interest rate exchange agreements, net	6,957	
Other non-operating activity	2,526	
Nonoperating net asset reclassifications	3,233	
Total expenses without donor restrictions and losses without donor restrictions		1,300,629
Total		3.14

Equity Ratio

Modified Net Assets / Modified Assets

The *equity ratio* is a measure of an institution's ability to borrow and its capital resources. This ratio captures an institution's overall capitalization structure (resources) and by inference, its overall ability to borrow. This ratio provides insight into Vanderbilt's ability to access debt and capital in the marketplace. Modified net assets comprise total net assets excluding net assets related to noncontrolling interests. Modified assets comprise total assets excluding net assets related to noncontrolling interests.

The following table presents Vanderbilt's equity ratio calculation as of June 30, 2020 (*in thousands*):

Equity Ratio	2020	Calculation
Modified net assets		
Total net assets	\$ 6,562,558	
Less net assets without donor restrictions, related to noncontrolling interests	(29,981)	
Total modified net assets		6,532,577
Modified Assets		
Total assets	9,457,594	
Less net assets without donor restrictions, related to noncontrolling interests	(29,981)	
Total modified assets		9,427,613
Total		0.69

Net Income Ratio

Change in Net Assets Without Donor Restrictions / Total Revenue Without Donor Restrictions and Gains Without Donor Restrictions

The *net income ratio* provides a direct measure of an institution's profitability or ability to operate within its means. Profitability is one of the primary indicators of the underlying causes of a change in an institution's financial condition because of its direct effect on resources reflected in the Statement of Financial Position. This ratio provides insight into Vanderbilt's ability to operate within its means in a given period. Change in net assets without donor restrictions comprise net results of operations. Total revenue without donor restrictions and gains without donor restrictions comprise revenues without donor restrictions and non-operating gains without donor restrictions from the Statement of Activities.

The following table presents Vanderbilt's net income ratio calculation as of June 30, 2020 (*in thousands*):

Net Income Ratio	2020	Calculation
Change in net assets without donor restrictions		
Results of operations	\$ 174,969	
Total change in net assets without donor restrictions		174,969
Total unrestricted revenue without donor restrictions and gains without donor restrictions		
Total revenues without donor restrictions	1,462,882	
Net assets released from restrictions for capital improvement	17,104	
Total unrestricted revenue without donor restrictions and gains without donor restrictions		1,479,986
Total		0.12

Composite Score

The value of each of the ratios described above are then utilized to calculate a strength factor score for each using a defined algorithm. A weighted score is derived for each ratio by multiplying the strength factor score by its corresponding weighted percentage. The weighted scores are then added to arrive at the composite score. The calculation of Vanderbilt's composite score for financial responsibility as of June 30 was as follows:

2020	Calculation	Strength Factor	Weight	Composite
Primary Reserve Ratio	3.14	3.00	40%	1.20
Equity Ratio	0.69	3.00	40%	1.20
Net Income Ratio	0.12	3.00	20%	0.60
Total			100%	3.00



vanderbilt.edu | October 2020

Part II - Schedule of Expenditures of Federal Awards

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Research and Development Cluster							
US Department of Agriculture	Direct		2018-08145	10.310	Agriculture and Food Research Initiative (AFRI)	\$ 68,948	\$ -
US Department of Agriculture	Direct		2019-67012-29718	10.310	Agriculture and Food Research Initiative (AFRI)	78,479	-
US Department of Agriculture	Direct		2019-67021-29857	10.310	Agriculture and Food Research Initiative (AFRI)	168,332	-
US Department of Agriculture	Pass-Through	Vanderbilt University Medical Center	2017-680001-26352/VU	10.310	Agriculture and Food Research Initiative (AFRI)	67,820	-
Total US Department of Agriculture						383,579	-
US Department of Commerce	Direct		70NANB18H198	11.013	Education Quality Award Ambassadorship	133,915	-
US Department of Commerce	Direct		70NANB17H266 NIST	11.609	Measurement and Engineering Research and Standards	8,330	-
US Department of Commerce	Direct		70NANB18H245	11.609	Measurement and Engineering Research and Standards	46,452	-
US Department of Commerce	Direct		70NANB18H269	11.609	Measurement and Engineering Research and Standards	34,692	-
US Department of Commerce	Direct		70NANB19H1000	11.609	Measurement and Engineering Research and Standards	55,803	-
US Department of Commerce	Direct		70NANB20H202	11.609	Measurement and Engineering Research and Standards	11,493	-
Total US Department of Commerce						156,770	-
US Department of Army	Pass-Through	Advanced Technology International	W81XWH-15-0-0001 ATI	12.114	Collaborative Research and Development	290,685	-
US Department of Air Force	Direct		FA8750-14-2-0180	12.300	Basic and Applied Scientific Research	2,909	9,957
US Department of Navy	Direct		N00014-17-1-2040	12.300	Basic and Applied Scientific Research	60,631	-
US Department of Navy	Direct		N00014-18-1-2107	12.300	Basic and Applied Scientific Research	154,946	47,579
US Department of Navy	Direct		N00014-18-1-2568	12.300	Basic and Applied Scientific Research	113,735	-
US Department of Navy	Direct		N00014-18-1-2964	12.300	Basic and Applied Scientific Research	226,027	66,099
US Department of Navy	Direct		N00014-20-1-2486	12.300	Basic and Applied Scientific Research	125,094	-
US Department of Navy	Direct		N00164-19-1-1006	12.300	Basic and Applied Scientific Research	29,487	-
US Department of Navy	Direct		N00173-16-C-2018	12.300	Basic and Applied Scientific Research	56,794	-
US Department of Navy	Direct		N00173-19-1-0200	12.300	Basic and Applied Scientific Research	57,093	-
US Department of Navy	Direct		N00174-19-1-0020	12.300	Basic and Applied Scientific Research	131,869	-
US Department of Navy	Pass-Through	Fisk University	N00174-16-C-0008	12.300	Basic and Applied Scientific Research	(2,981)	-
US Department of Navy	Pass-Through	North Carolina State University	N00014-10-1-0958	12.300	Basic and Applied Scientific Research	(7,717)	-
US Department of Navy	Pass-Through	Penn State University	N00014-19-1-2540 S000017-0NR	12.300	Basic and Applied Scientific Research	33,986	-
US Department of Navy	Pass-Through	University of California San Diego	N00014-16-1-3081_12619X855	12.300	Basic and Applied Scientific Research	311	-
US Department of Navy	Pass-Through	University of Texas at Arlington	N00014-18-1-2184-12606016561	12.300	Basic and Applied Scientific Research	46,304	-
						1,028,428	123,635
Defense Threat Reduction Agency	Direct		HDTRA1-16-1-0007	12.351	Scientific Research - Combating Weapons of Mass Destruction	177,655	-
Defense Threat Reduction Agency	Direct		HDTRA1-17-1-0003	12.351	Scientific Research - Combating Weapons of Mass Destruction	563,911	63,912
Defense Threat Reduction Agency	Pass-Through	Case Western Reserve University	HDTRA11810002	12.351	Scientific Research - Combating Weapons of Mass Destruction	938,709	235,355
Defense Threat Reduction Agency	Pass-Through	Georgia Institute of Technology	HDTRA1-15-1-0039	12.351	Scientific Research - Combating Weapons of Mass Destruction	8,350	-
Defense Threat Reduction Agency	Pass-Through	Massachusetts Institute of Technology	HDTRA1-16-1-0032	12.351	Scientific Research - Combating Weapons of Mass Destruction	16,698	-
Defense Threat Reduction Agency	Pass-Through	University of California Los Angeles	HDTRA1-14-1-0057	12.351	Scientific Research - Combating Weapons of Mass Destruction	59,668	-
Defense Threat Reduction Agency	Pass-Through	University of Florida	HDTRA1-17-1-0035	12.351	Scientific Research - Combating Weapons of Mass Destruction	82,522	-
Defense Threat Reduction Agency	Pass-Through	University of Florida	SUB00001985_HDTRA1910035	12.351	Scientific Research - Combating Weapons of Mass Destruction	52,787	-
Defense Threat Reduction Agency	Pass-Through	University of Louisville	HDTRA1-15-1-0027	12.351	Scientific Research - Combating Weapons of Mass Destruction	135,186	-
						2,035,486	299,267
US Department of Air Force	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	(24,056)	-
US Department of Air Force	Pass-Through	VUMC	VUMC61516/W81XWH-17-	12.420	Military Medical Research and Development	84,042	-
US Department of Air Force	Pass-Through	Wake Forest University	W81XWH-15-1-0574 WF	12.420	Military Medical Research and Development	30,139	-
US Department of Army	Direct		W81XWH-13-1-0230	12.420	Military Medical Research and Development	8,359	-
US Department of Army	Direct		W81XWH-14-1-0296	12.420	Military Medical Research and Development	(6,777)	-
US Department of Army	Direct		W81XWH-14-1-1422	12.420	Military Medical Research and Development	(5,308)	-
US Department of Army	Direct		W81XWH-15-1-0438	12.420	Military Medical Research and Development	64,337	-
US Department of Army	Direct		W81XWH-15-1-0627	12.420	Military Medical Research and Development	3,566	-
US Department of Army	Direct		W81XWH-15-2-0068	12.420	Military Medical Research and Development	558,672	237,771
US Department of Army	Direct		W81XWH-16-1-0063	12.420	Military Medical Research and Development	209,637	591
US Department of Army	Direct		W81XWH-16-1-0064	12.420	Military Medical Research and Development	(40,710)	-
US Department of Army	Direct		W81XWH-16-1-0171	12.420	Military Medical Research and Development	245,647	-
US Department of Army	Direct		W81XWH-16-1-0559	12.420	Military Medical Research and Development	211,229	6,667
US Department of Army	Direct		W81XWH-16-2-0052	12.420	Military Medical Research and Development	183,471	12,385
US Department of Army	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	362,768	-
US Department of Army	Direct		W81XWH-18-1-0139	12.420	Military Medical Research and Development	18,077	-
US Department of Army	Direct		W81XWH-18-1-0181	12.420	Military Medical Research and Development	172,950	-
US Department of Army	Direct		W81XWH-18-1-0234	12.420	Military Medical Research and Development	168,227	53,243
US Department of Army	Direct		W81XWH-18-1-0391	12.420	Military Medical Research and Development	142,252	-
US Department of Army	Direct		W81XWH-18-1-0412	12.420	Military Medical Research and Development	98,123	8,977
US Department of Army	Direct		W81XWH-19-1-0089	12.420	Military Medical Research and Development	153,487	-
US Department of Army	Direct		W81XWH-19-1-0136	12.420	Military Medical Research and Development	84,659	-
US Department of Army	Direct		W81XWH-19-1-0215	12.420	Military Medical Research and Development	949,304	-
US Department of Army	Pass-Through	Rehabilitation Institute Research Corporation	W81XWH-15-2-0041	12.420	Military Medical Research and Development	31,186	-
US Department of Army	Pass-Through	VUMC	VUMC59895/W81XWH-15-	12.420	Military Medical Research and Development	(12,835)	-
US Department of Army	Pass-Through	VUMC	VUMC66642_W81XWH180149	12.420	Military Medical Research and Development	52,818	-
US Department of Army	Pass-Through	VUMC	W81XWH-18-1-0301	12.420	Military Medical Research and Development	15,516	-
US Department of Army	Pass-Through	Wake Forest University	W81XWH-14-2-0004 WF	12.420	Military Medical Research and Development	(70)	-
						3,559,082	319,634

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Defense Advanced Research Projects Agency	Direct		W911NF-14-2-0022	12.431	Basic Scientific Research	1,193,657	173,432
US Department of Army	Direct			12.431	Basic Scientific Research	19,203	-
US Department of Army	Direct		W911NF-15-1-0176	12.431	Basic Scientific Research	17	-
US Department of Army	Direct		W911NF-16-1-0069	12.431	Basic Scientific Research	11,472	11,472
US Department of Army	Direct		W911NF-17-1-0533	12.431	Basic Scientific Research	117,524	-
US Department of Army	Direct		W911NF-17-2-0159	12.431	Basic Scientific Research	79,886	-
US Department of Army	Direct		W911NF1810392	12.431	Basic Scientific Research	15	-
US Department of Army	Direct		W911NF-18-2-0081	12.431	Basic Scientific Research	275,089	-
US Department of Army	Direct		W911NF-18-2-0176	12.431	Basic Scientific Research	41,045	-
						<u>1,737,908</u>	<u>184,904</u>
Uniformed Services University	Pass-Through	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc	65640_HU0001-18-2-0032	12.750	Uniformed Services University Medical Research Projects	309,196	-
						<u>309,196</u>	<u>-</u>
US Department of Air Force	Direct		FA8550-19-2-2214	12.800	Air Force Defense Research Sciences Program	42,472	-
US Department of Air Force	Direct		FA9550-15-1-0405	12.800	Air Force Defense Research Sciences Program	9,131	-
US Department of Air Force	Direct		FA9550-17-1-0046	12.800	Air Force Defense Research Sciences Program	228,879	-
US Department of Air Force	Direct		FA9550-17-1-0374	12.800	Air Force Defense Research Sciences Program	278,330	-
US Department of Air Force	Direct		FA9550-18-1-0122	12.800	Air Force Defense Research Sciences Program	102,479	-
US Department of Air Force	Direct		FA9550-18-1-0126	12.800	Air Force Defense Research Sciences Program	249,693	29,146
US Department of Air Force	Direct		FA9550-19-1-0150	12.800	Air Force Defense Research Sciences Program	99,405	-
US Department of Air Force	Pass-Through	Georgia Institute of Technology	FA9550-15-1-0512	12.800	Air Force Defense Research Sciences Program	33,208	-
US Department of Air Force	Pass-Through	Global Technology Connection, Inc.	FA8501-17-C-0009 GTC	12.800	Air Force Defense Research Sciences Program	28	-
US Department of Air Force	Pass-Through	Honeywell Aerospace	FA9453-17-C-0005	12.800	Air Force Defense Research Sciences Program	124,975	-
US Department of Air Force	Pass-Through	University of Dayton Research Institute	FA8550-12-2-3112/001	12.800	Air Force Defense Research Sciences Program	92,225	-
						<u>1,260,525</u>	<u>29,146</u>
US Geological Survey	Direct		G18AC00101	12.810	Air Force Medical Research and Development	(192)	-
						<u>(192)</u>	<u>-</u>
Defense Advanced Research Projects Agency	Direct		IPA - NEEMA	12.910	Research and Technology Development	273,152	-
Defense Advanced Research Projects Agency	Pass-Through	Wright State University	N66001-17-2-4019/WRI	12.910	Research and Technology Development	(1)	-
US Department of Air Force	Pass-Through	Defense Advanced Research Projects Agency	FA8750-15-2-0087	12.910	Research and Technology Development	85,195	27,092
						<u>358,346</u>	<u>27,092</u>
National Security Agency	Pass-Through	Boeing Company	1527371	12 RD		278,059	-
Defense Advanced Research Projects Agency	Direct		FA8750-20-C-0215	12 RD		18,517	-
Defense Advanced Research Projects Agency	Pass-Through	SRI International Corporation	P303123_HR00118C0015	12 RD		97,811	-
Defense Advanced Research Projects Agency	Pass-Through	Triton Systems, Inc	TS-2546-18-107461	12 RD		31,049	-
Missile Defense Agency	Pass-Through	Creare LLC	HQ0147-18-C-7410-5596	12 RD		596	-
Missile Defense Agency	Pass-Through	Creare LLC	HQ014719C7158_5685_104352	12 RD		15,790	-
Missile Defense Agency	Pass-Through	Real-Time Innovations	HQ014719C7017_3199	12 RD		(1,877)	-
National Reconnaissance Office	Direct		NR0000-13-C-0404	12 RD		10,377	-
National Reconnaissance Office	Direct		NR0000-14-C-0274	12 RD		2,253	-
National Security Agency	Direct		H98230-18-D-0010	12 RD		720,944	235,120
National Security Agency	Direct		H98230-18-D-0010	12 RD		61,934	-
Office of the Director of National Intelligence	Direct		2017-1768150003	12 RD		7	-
US Department of Air Force	Pass-Through	AEGIS Technologies Group, Inc	002-19-6027-STTR-VUJFA8650-19-	12 RD		12,342	-
US Department of Air Force	Pass-Through	Alion Science & Technology	FA807514D0014_SUB118166-002	12 RD		1,487,061	-
US Department of Air Force	Pass-Through	Defense Advanced Research Projects Agency	FA8750-18-C-0089_HR0011832306	12 RD		1,679,867	-
US Department of Air Force	Pass-Through	Lockheed Martin Corporation	FA8750-17-C-0282_P04103340470	12 RD		3,747	-
US Department of Air Force	Pass-Through	Massachusetts Institute of Technology	FA8702-15-D-0001_7000437184	12 RD		25,000	-
US Department of Air Force	Pass-Through	Raytheon Company	FA8750-16-C-0044	12 RD		70,563	-
US Department of Air Force	Pass-Through	Securborator, Inc.	FA8650-19-C-2934	12 RD		44,617	-
US Department of Air Force	Pass-Through	Securborator, Inc.	VICE_N0017817C1332	12 RD		(718)	-
US Department of Air Force	Pass-Through	Southwest Research Institute	FA875018C0030_1990111W	12 RD		27,682	-
US Department of Air Force	Pass-Through	TallamQuest LLC dba Apogee Semiconductor	SBIR 19.1 TOPIC AF191-074	12 RD		33,325	-
US Department of Air Force	Pass-Through	Triton Systems, Inc	TS-4088-19-2020806	12 RD		26,679	-
US Department of Army	Direct		W52P11993008	12 RD		620,407	-
US Department of Army	Direct		W81XWH-14-C-0068	12 RD		(1,066)	-
US Department of Army	Direct		W913E5-17-C-0005 DOD	12 RD		20	-
US Department of Army	Pass-Through	Forma Therapeutics, Inc.	112425D4	12 RD		(1,662)	-
US Department of Army	Pass-Through	Purdue University	W52P12093009	12 RD		137,588	-
US Department of Army	Pass-Through	University of California Riverside	W912HQ18C0036_ER18-1497	12 RD		1,174	-
US Department of Army	Pass-Through	Utropia/Compression Corporation	VU17-0069-001-Q1-Q1D	12 RD		(8,646)	-
US Department of Army	Pass-Through	VUMC	VUMC6338	12 RD		106,807	-
US Department of Army	Pass-Through	VUMC	W81XWH-16-1-0605_VUMC63986	12 RD		10,353	-
US Department of Army	Pass-Through	VUMC	W81XWH17CD252	12 RD		74,831	-
US Department of Navy	Direct		N6000410C4002	12 RD		403,583	-
US Department of Navy	Pass-Through	Defense Advanced Research Projects Agency	N66001-18-C-4005	12 RD		981,145	450,575
US Department of Navy	Pass-Through	Qualtech Systems, Inc.	N6833518C0662_QSI-DSC-18-002	12 RD		18,468	-
US Department of Navy	Pass-Through	Qualtech Systems, Inc.	N6833518C0794-QSI-DCS-19-009	12 RD		54,878	-
US Department of Navy	Pass-Through	Rockwell Collins	N61340-17-C-0007	12 RD		236,756	-
US Department of Navy	Pass-Through	Rockwell Collins	N61340-17-C-0007	12 RD		7,511	-
US Special Operations Command	Pass-Through	Third Floor Materials, Inc	S183-004-0058	12 RD		-	-
						<u>7,294,272</u>	<u>685,695</u>
Total Department of Defense						<u>17,888,200</u>	<u>1,897,228</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Housing and Urban Development	Pass-Through	University of Memphis	5-40624	14.228	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	69,631	-
Total Department of Housing and Urban Development						69,631	-
US Department of Interior Bureau of Reclamation	Direct		R18AC00110	15.506	Water Desalination Research and Development	90,624	-
Total Department of Interior						90,624	-
US Department of Justice	Pass-Through	Pennsylvania Commission on Crime and Delinquency	2013-04-26556 PCCD	16.RD		(6,738)	-
						(6,738)	-
US Department of Justice	Direct		2016-CX-8K-K002	16.560	National Institute of Justice Research, Evaluation, and Development Project Grants	693,362	270,596
						693,362	270,596
US Department of Justice	Direct		2017-IJ-CX-0007	16.562	Criminal Justice Research and Development, Graduate Research Fellowships	32,175	-
						32,175	-
Total Department of Justice						718,797	270,596
US Department of Labor	Direct		IL-26698-14-75-K-47	17.401	International Labor Programs	7,566	-
Total Department of Labor						7,566	-
US Department of State	Pass-Through	Institute of International Education, Inc.		19.010	Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	203,004	-
US Department of State	Pass-Through	Institute of International Education, Inc.	IE 000312 2018/2019	19.010	Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	823	-
						203,827	-
US Department of State	Direct		5-CH500-17-GR2070	19.040	Public Diplomacy Programs	2,950	-
						2,950	-
Total US Department of State						206,777	-
US Department of Transportation	Direct		63J132045071	20.215	Highway Training and Education	5,000	-
US Department of Transportation	Direct		693J131945012	20.215	Highway Training and Education	10,222	-
US Department of Transportation	Direct		693J131945020	20.215	Highway Training and Education	2,715	-
US Department of Transportation	Direct		693J131945027	20.215	Highway Training and Education	1,175	-
US Department of Transportation	Direct		693J131945049	20.215	Highway Training and Education	1,011	-
US Department of Transportation	Direct		693J132045001	20.215	Highway Training and Education	25,519	-
US Department of Transportation	Direct		693J132045011	20.215	Highway Training and Education	27,493	-
US Department of Transportation	Direct		693J132045055	20.215	Highway Training and Education	4,999	-
US Department of Transportation	Direct		693J132045060	20.215	Highway Training and Education	4,999	-
						83,133	-
US Department of Transportation	Direct		693K318C000011	20.514	Public Transportation Research, Technical Assistance, and Training	64,087	-
US Department of Transportation	Pass-Through	University of Illinois at Urbana-Champaign	693J16-19-C-000024_09754717643	20.514	Public Transportation Research, Technical Assistance, and Training	10,312	-
						74,399	-
US Department of Transportation	Pass-Through	University of Arkansas	69A3551747130 ARKANS	20.820	Maritime Studies and Innovations	114,640	-
						114,640	-
Total Department of Transportation						272,172	-
US Department of Treasury	Direct		IPA 991054	21.RD		38,440	-
						38,440	-
						38,440	-
						38,440	-
						2,858	-
NASA Ames Research Center	Direct		80NSC19M0166	43 RD		3,875	-
NASA Armstrong Flight Research Center	Direct		80NSC20K0108	43 RD		11,719	-
NASA Glenn Space Flight Center	Pass-Through	Scientific, Inc.	SCIENTIFIC SCL00753	43 RD		75,602	-
NASA Goddard Space Flight Center	Direct		80NSC18K0445	43 RD		55,809	-
NASA Goddard Space Flight Center	Direct		80NSC20K0294	43 RD		147,378	-
NASA Goddard Space Flight Center	Direct		80NSC20K0424	43 RD		36,110	-
NASA Goddard Space Flight Center	Direct		80NSC20K0597	43 RD		50,717	-
NASA Goddard Space Flight Center	Direct		80NSC20K0608	43 RD		(159)	(159)
NASA Goddard Space Flight Center	Direct		NNX144853A	43 RD		710,405	471,543
NASA Goddard Space Flight Center	Direct		NNX15AR73H	43 RD		34,300	-
NASA Goddard Space Flight Center	Direct		NNX17G047P - NASA	43 RD		41,378	-
NASA Goddard Space Flight Center	Pass-Through	Alphacore, Inc	UNIV 61115	43 RD		34,962	-
NASA Goddard Space Flight Center	Pass-Through	CFD Research Corporation	2019R066	43 RD		23,719	-
NASA Goddard Space Flight Center	Pass-Through	CFD Research Corporation	9269/NNX17CG10C	43 RD		19,134	-
NASA Goddard Space Flight Center	Pass-Through	Massachusetts Institute of Technology	MIT 5710003558	43 RD		6,303	-
NASA Goddard Space Flight Center	Pass-Through	Metrolaser, Inc.	METROLASER	43 RD		20,000	-
NASA Goddard Space Flight Center	Pass-Through	Triton Systems, Inc.	TSI-2569-18-108181	43 RD		67,502	-
NASA Goddard Space Flight Center	Pass-Through	Triton Systems, Inc.	TSI-2620-19-2020223	43 RD		6	-
NASA Goddard Space Flight Center	Pass-Through	University of Pittsburgh	PITT/CASIS GA-2016-2	43 RD		29,527	-
NASA Goddard Space Flight Center	Pass-Through	X-wave Innovations, Inc	1046-2	43 RD		5	-
NASA Langley Research Center	Direct		NASA NNX16AD07G	43 RD		1,371,150	471,384

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
NASA Goddard Space Flight Center	Direct		80NSSC18K0445	43.001	Science	135,364	-
NASA Goddard Space Flight Center	Direct		80NSSC18K0523	43.001	Science	32,838	-
NASA Goddard Space Flight Center	Direct		80NSSC18K1297	43.001	Science	17,479	-
NASA Goddard Space Flight Center	Direct		80NSSC20K0447	43.001	Science	27,261	-
NASA Goddard Space Flight Center	Direct		NNX17AD09G GODDARD	43.001	Science	78,070	-
NASA Goddard Space Flight Center	Pass-Through	NASA Jet Propulsion Lab	1623087	43.001	Science	106,818	-
NASA Goddard Space Flight Center	Pass-Through	University of Michigan	SUBK00011110	43.001	Science	42,637	-
NASA Goddard Space Flight Center	Pass-Through	University of Wisconsin	825K182	43.001	Science	45,943	-
NASA Goddard Space Flight Center	Pass-Through	University of Wisconsin	830K826	43.001	Science	81,014	-
NASA Jet Propulsion Lab	Direct		1592616	43.001	Science	(878)	-
NASA Jet Propulsion Lab	Direct		1600101	43.001	Science	(426)	-
NASA Jet Propulsion Lab	Direct		1635788	43.001	Science	75,054	-
NASA Jet Propulsion Lab	Direct		1643216	43.001	Science	142,801	-
NASA Jet Propulsion Lab	Direct		1933567	43.001	Science	(750)	-
						<u>783,227</u>	-
NASA Goddard Space Flight Center	Pass-Through	Arizona State University	17-265	43.002	Aeronautics	<u>307,236</u>	-
						<u>307,236</u>	-
NASA Marshall Space Flight Center	Pass-Through	University of Alabama in Huntsville	2020-1175	43.003	Exploration	<u>872</u>	-
						<u>872</u>	-
NASA Goddard Space Flight Center	Direct		NNX16AR25G	43.006	Science, Recovery Act	<u>922</u>	-
						<u>922</u>	-
NASA Ames Research Center	Direct		NNX15AU33M AMES	43.008	Education	<u>9,547</u>	-
NASA Goddard Space Flight Center	Direct		80NSSC19K1292	43.008	Education	<u>48,281</u>	-
						<u>57,828</u>	-
NASA Goddard Space Flight Center	Direct		80NSSC18K0493	43.009	Cross Agency Support	<u>127,770</u>	-
NASA Goddard Space Flight Center	Direct		80NSSC18K0721	43.009	Cross Agency Support	<u>105,703</u>	-
						<u>233,473</u>	-
NASA Goddard Space Flight Center	Direct		80NSSC18K1165	43.012	Space Technology	<u>70,833</u>	-
NASA Goddard Space Flight Center	Direct		NNX16AM57H	43.012	Space Technology	<u>56,903</u>	-
NASA Goddard Space Flight Center	Direct		NNX17AD09G	43.012	Space Technology	<u>110,466</u>	-
NASA Kennedy Space Center	Pass-Through	University of Miami	NNX16AT48A	43.012	Space Technology	<u>227</u>	-
						<u>238,429</u>	-
Total National Aeronautics and Space Administration						<u>2,993,227</u>	<u>471,384</u>
National Endowment for the Arts	Pass-Through	Buffalo Fine Arts Academy aka Albright-Knox Art Gallery	1856068-3B-19	45 RD		<u>37,546</u>	-
						<u>37,546</u>	-
National Endowment for the Arts	Direct		1863339-3B-20	45.024	Promotion of the Arts_Grants to Organizations and Individuals	<u>1,355</u>	-
National Endowment for the Arts	Direct		NEAF5 1602	45.024	Promotion of the Arts_Grants to Organizations and Individuals	<u>32,233</u>	<u>32,233</u>
						<u>33,588</u>	<u>32,233</u>
National Endowment for the Humanities	Direct		FEL-267666-20	45.160	Promotion of the Humanities_Fellowships and Stipends	<u>22,507</u>	-
						<u>22,507</u>	-
National Endowment for the Humanities	Direct		HK-250720-16	45.169	Promotion of the Humanities_Office of Digital Humanities	<u>(10)</u>	-
						<u>(10)</u>	-
Institute of Museum Services	Pass-Through	Nashville Public Library Foundation	NAZA/NPL	45.312	National Leadership Grants	<u>33,606</u>	-
						<u>33,606</u>	-
Total National Endowment for the Humanities						<u>127,237</u>	<u>32,233</u>
National Science Foundation	Direct		1055502	47 RD		<u>(23,509)</u>	-
National Science Foundation	Direct		CBET1605200	47 RD		<u>64,016</u>	<u>6,481</u>
National Science Foundation	Direct		CMMM1949803	47 RD		<u>174,282</u>	-
National Science Foundation	Direct		ECSS 1932711	47 RD		<u>54,484</u>	-
National Science Foundation	Direct		I-Corp Interim	47 RD		<u>5,556</u>	-
National Science Foundation	Direct		IOS1540803	47 RD		<u>162,599</u>	-
National Science Foundation	Pass-Through	American Educational Research Association	AERA Dissertation Grant	47 RD		<u>53,822</u>	-
National Science Foundation	Pass-Through	Florida International University	800004776-05BUG	47 RD		<u>61,547</u>	-
						<u>552,797</u>	<u>6,481</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		1435755	47.041	Engineering Grants	4,007	-
National Science Foundation	Direct		CBET1554623	47.041	Engineering Grants	37,845	-
National Science Foundation	Direct		CBET1604426	47.041	Engineering Grants	41,371	-
National Science Foundation	Direct		CBET1606005	47.041	Engineering Grants	13,953	-
National Science Foundation	Direct		CBET1705048	47.041	Engineering Grants	83,682	-
National Science Foundation	Direct		CBET1705714	47.041	Engineering Grants	114,759	4,198
National Science Foundation	Direct		CBET1706155	47.041	Engineering Grants	40,433	-
National Science Foundation	Direct		CBET1706956	47.041	Engineering Grants	43,693	-
National Science Foundation	Direct		CBET1805126	47.041	Engineering Grants	69,200	-
National Science Foundation	Direct		CBET1805024	47.041	Engineering Grants	172,156	-
National Science Foundation	Direct		CBET1821573	47.041	Engineering Grants	59,747	-
National Science Foundation	Direct		CBET1828299	47.041	Engineering Grants	426,532	-
National Science Foundation	Direct		CBET1847029	47.041	Engineering Grants	38,573	-
National Science Foundation	Direct		CBET1903685	47.041	Engineering Grants	6,334	-
National Science Foundation	Direct		CBET1921320	47.041	Engineering Grants	42,758	-
National Science Foundation	Direct		CBET1922936	47.041	Engineering Grants	96,566	-
National Science Foundation	Direct		CMM1400424	47.041	Engineering Grants	(913)	-
National Science Foundation	Direct		CMM1462866	47.041	Engineering Grants	(6)	-
National Science Foundation	Direct		CMM1537659	47.041	Engineering Grants	26,266	-
National Science Foundation	Direct		CMM1563389	47.041	Engineering Grants	37,833	-
National Science Foundation	Direct		CMM1634856	47.041	Engineering Grants	114,901	-
National Science Foundation	Direct		CMM1635717	47.041	Engineering Grants	55,518	-
National Science Foundation	Direct		CMM1727863	47.041	Engineering Grants	109,582	-
National Science Foundation	Direct		CMM1734461	47.041	Engineering Grants	212,059	-
National Science Foundation	Direct		CMM1740900	47.041	Engineering Grants	(37,848)	-
National Science Foundation	Direct		CMM1744333	47.041	Engineering Grants	82	-
National Science Foundation	Direct		CMM1846860	47.041	Engineering Grants	97,951	-
National Science Foundation	Direct		CMM1853913	47.041	Engineering Grants	82,761	-
National Science Foundation	Direct		CMM1903645	47.041	Engineering Grants	55,071	-
National Science Foundation	Direct		ECCS1407777	47.041	Engineering Grants	17,390	-
National Science Foundation	Direct		ECCS1508098	47.041	Engineering Grants	(7,833)	-
National Science Foundation	Direct		EEC1642895	47.041	Engineering Grants	191,280	-
National Science Foundation	Direct		EEC1916534	47.041	Engineering Grants	86,315	17,752
National Science Foundation	Direct		EEC1933109	47.041	Engineering Grants	107,745	-
National Science Foundation	Direct		ECS1809937	47.041	Engineering Grants	138,574	-
National Science Foundation	Direct		ECCS1810086	47.041	Engineering Grants	74,086	-
National Science Foundation	Direct		EFMA1935278	47.041	Engineering Grants	139,958	71,448
National Science Foundation	Direct		FAIN 1462575	47.041	Engineering Grants	5,861	-
National Science Foundation	Direct		IP 1855287	47.041	Engineering Grants	6,805	-
National Science Foundation	Direct		IP 1906995	47.041	Engineering Grants	29,308	-
National Science Foundation	Direct		IP14951810	47.041	Engineering Grants	41,446	-
National Science Foundation	Direct		IP1735762	47.041	Engineering Grants	36,803	-
National Science Foundation	Direct		IP1829321	47.041	Engineering Grants	8,014	-
National Science Foundation	Direct		IP1834962	47.041	Engineering Grants	363	-
National Science Foundation	Direct		IP1835028	47.041	Engineering Grants	(833)	-
National Science Foundation	Direct		IP1838482	47.041	Engineering Grants	5,556	-
National Science Foundation	Direct		IP1912657	47.041	Engineering Grants	5,587	-
National Science Foundation	Direct		IP1948672	47.041	Engineering Grants	20,065	-
National Science Foundation	Direct		IP1954696	47.041	Engineering Grants	49,234	-
National Science Foundation	Direct		IP1956308	47.041	Engineering Grants	43,599	-
National Science Foundation	Pass-Through	Georgia Institute of Technology	RJ378-G3	47.041	Engineering Grants	79,918	-
National Science Foundation	Pass-Through	HeroWear, LLC	NSF 18-593	47.041	Engineering Grants	37,870	-
National Science Foundation	Pass-Through	JuneBrain, LLC	NSF 17-596	47.041	Engineering Grants	8,522	-
National Science Foundation	Pass-Through	Lippcomb University	LU19001	47.041	Engineering Grants	20,462	-
National Science Foundation	Pass-Through	PATH	1721476	47.041	Engineering Grants	(49)	-
National Science Foundation	Pass-Through	Rutgers, The State University of New Jersey	SUB00020	47.041	Engineering Grants	21,878	-
National Science Foundation	Pass-Through	Synchro Motton LLC	UNV60903	47.041	Engineering Grants	54,846	-
National Science Foundation	Pass-Through	Synix Pharmaceuticals, Inc.	NOEFAE IP1622828	47.041	Engineering Grants	(4,926)	-
National Science Foundation	Pass-Through	University of Illinois at Urbana-Champaign	CMM1727785	47.041	Engineering Grants	90,558	-
National Science Foundation	Pass-Through	University of Maryland College Park	66507-23302202	47.041	Engineering Grants	123,675	-
National Science Foundation	Pass-Through	VenoStent, Inc	IP1927086	47.041	Engineering Grants	15,547	-
National Science Foundation	Pass-Through	VenoStent, Inc	UNV60327	47.041	Engineering Grants	(187)	-
						3,493,427	93,398
National Science Foundation	Direct		AST1909631	47.049	Mathematical and Physical Sciences	112,474	-
National Science Foundation	Direct		CHE1253105	47.049	Mathematical and Physical Sciences	(649)	-
National Science Foundation	Direct		CHE1460706	47.049	Mathematical and Physical Sciences	8,274	-
National Science Foundation	Direct		CHE1464874	47.049	Mathematical and Physical Sciences	29,310	-
National Science Foundation	Direct		CHE1610964	47.049	Mathematical and Physical Sciences	57,154	-
National Science Foundation	Direct		CHE1665327	47.049	Mathematical and Physical Sciences	95,001	-
National Science Foundation	Direct		CHE1847804	47.049	Mathematical and Physical Sciences	144,482	-
National Science Foundation	Direct		CHE1847813	47.049	Mathematical and Physical Sciences	98,090	-
National Science Foundation	Direct		CHE1905265	47.049	Mathematical and Physical Sciences	100,916	-
National Science Foundation	Direct		DMR1348004	47.049	Mathematical and Physical Sciences	138,413	-
National Science Foundation	Direct		DMR1507505	47.049	Mathematical and Physical Sciences	7,258	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University Schedule of Expenditures of Federal Awards Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		DMR1508433	47.049	Mathematical and Physical Sciences	32	-
National Science Foundation	Direct		DMR1549955	47.049	Mathematical and Physical Sciences	24,191	-
National Science Foundation	Direct		DMR1560414	47.049	Mathematical and Physical Sciences	56,783	-
National Science Foundation	Direct		DMR1610357	47.049	Mathematical and Physical Sciences	79,941	-
National Science Foundation	Direct		DMR1726533	47.049	Mathematical and Physical Sciences	(278)	-
National Science Foundation	Direct		DMR1852157	47.049	Mathematical and Physical Sciences	1,879	-
National Science Foundation	Direct		DMR1904793	47.049	Mathematical and Physical Sciences	84,289	-
National Science Foundation	Direct		DMS1914537	47.049	Mathematical and Physical Sciences	60,881	-
National Science Foundation	Direct		DMS1322099	47.049	Mathematical and Physical Sciences	50,607	-
National Science Foundation	Direct		DMS1500174	47.049	Mathematical and Physical Sciences	7,335	-
National Science Foundation	Direct		DMS1500998	47.049	Mathematical and Physical Sciences	(1,523)	-
National Science Foundation	Direct		DMS1516400	47.049	Mathematical and Physical Sciences	16,898	-
National Science Foundation	Direct		DMS1521749	47.049	Mathematical and Physical Sciences	2,815	-
National Science Foundation	Direct		DMS1562078	47.049	Mathematical and Physical Sciences	151,196	-
National Science Foundation	Direct		DMS1612473	47.049	Mathematical and Physical Sciences	14,178	-
National Science Foundation	Direct		DMS1710534	47.049	Mathematical and Physical Sciences	29,706	-
National Science Foundation	Direct		DMS1710970	47.049	Mathematical and Physical Sciences	26,295	-
National Science Foundation	Direct		DMS1711089	47.049	Mathematical and Physical Sciences	35,672	-
National Science Foundation	Direct		DMS1801125	47.049	Mathematical and Physical Sciences	91,226	-
National Science Foundation	Direct		DMS1804586	47.049	Mathematical and Physical Sciences	3,018	-
National Science Foundation	Direct		DMS1813011	47.049	Mathematical and Physical Sciences	204,782	20,949
National Science Foundation	Direct		DMS1812826	47.049	Mathematical and Physical Sciences	81,598	-
National Science Foundation	Direct		DMS1853989	47.049	Mathematical and Physical Sciences	75,572	-
National Science Foundation	Direct		DMS1855778	47.049	Mathematical and Physical Sciences	19,528	-
National Science Foundation	Direct		DMS1901976	47.049	Mathematical and Physical Sciences	148,123	-
National Science Foundation	Direct		DMS2000214	47.049	Mathematical and Physical Sciences	790	-
National Science Foundation	Direct		OMAA1744440	47.049	Mathematical and Physical Sciences	16,563	2,689
National Science Foundation	Direct		PHY1506406	47.049	Mathematical and Physical Sciences	(116,743)	-
National Science Foundation	Direct		PHY1806612	47.049	Mathematical and Physical Sciences	742,696	-
National Science Foundation	Direct		PHY1852158	47.049	Mathematical and Physical Sciences	86,610	-
National Science Foundation	Direct		PHY1945366	47.049	Mathematical and Physical Sciences	50,038	-
National Science Foundation	Pass-Through	Cornell University	78877-11227	47.049	Mathematical and Physical Sciences	4,607	-
National Science Foundation	Pass-Through	University of Illinois at Urbana-Champaign	057930-16835	47.049	Mathematical and Physical Sciences	(731)	-
National Science Foundation	Pass-Through	University of Notre Dame	QuarkNet 2019	47.049	Mathematical and Physical Sciences	3,000	-
						2,842,457	23,638
National Science Foundation	Direct		AGS354998	47.050	Geosciences	45,911	-
National Science Foundation	Direct		EAR1204685	47.050	Geosciences	(5,050)	-
National Science Foundation	Direct		EAR1735992	47.050	Geosciences	19,755	-
National Science Foundation	Direct		EAR1757545	47.050	Geosciences	57,924	-
National Science Foundation	Direct		EAR1830122	47.050	Geosciences	124,265	-
National Science Foundation	Direct		EAR1830172	47.050	Geosciences	65,812	55,861
National Science Foundation	Direct		FAIN 1455198	47.050	Geosciences	70,730	-
National Science Foundation	Direct		ICER1342946	47.050	Geosciences	(1,948)	-
National Science Foundation	Direct		ICER1801362	47.050	Geosciences	38,469	-
National Science Foundation	Direct		OCCE1600319	47.050	Geosciences	207,879	-
National Science Foundation	Direct		OPP1842542	47.050	Geosciences	23,946	-
National Science Foundation	Direct		OPP1847173	47.050	Geosciences	63,005	-
National Science Foundation	Direct		PLR1445169	47.050	Geosciences	35,276	-
						745,974	55,861
National Science Foundation	Direct		1452485	47.070	Computer and Information Science and Engineering	64,504	-
National Science Foundation	Direct		1823237	47.070	Computer and Information Science and Engineering	193	-
National Science Foundation	Direct		1840713	47.070	Computer and Information Science and Engineering	89,587	-
National Science Foundation	Direct		ACT1535150	47.070	Computer and Information Science and Engineering	6,030	-
National Science Foundation	Direct		CCF1521672	47.070	Computer and Information Science and Engineering	17,877	-
National Science Foundation	Direct		CCF1719674	47.070	Computer and Information Science and Engineering	(9,389)	-
National Science Foundation	Direct		CCF1736323	47.070	Computer and Information Science and Engineering	17,645	16,632
National Science Foundation	Direct		CFE1832312	47.070	Computer and Information Science and Engineering	58,900	-
National Science Foundation	Direct		CCF1910017	47.070	Computer and Information Science and Engineering	51,953	-
National Science Foundation	Direct		CCF1918450	47.070	Computer and Information Science and Engineering	45,497	-
National Science Foundation	Direct		CNS1521617	47.070	Computer and Information Science and Engineering	1,662,935	514,202
National Science Foundation	Direct		CNS1531079	47.070	Computer and Information Science and Engineering	11,258	-
National Science Foundation	Direct		CNS1552836	47.070	Computer and Information Science and Engineering	96,390	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		CNS1629811	47.070	Computer and Information Science and Engineering	124,240	-
National Science Foundation	Direct		CNS1629853	47.070	Computer and Information Science and Engineering	7,279	-
National Science Foundation	Direct		CNS1641269	47.070	Computer and Information Science and Engineering	(3,004)	-
National Science Foundation	Direct		CNS1647015	47.070	Computer and Information Science and Engineering	81,920	-
National Science Foundation	Direct		CNS1649291	47.070	Computer and Information Science and Engineering	61,694	-
National Science Foundation	Direct		CNS1739328	47.070	Computer and Information Science and Engineering	122,598	-
National Science Foundation	Direct		CNS1743223	47.070	Computer and Information Science and Engineering	936	-
National Science Foundation	Direct		CNS1744334	47.070	Computer and Information Science and Engineering	104,992	-
National Science Foundation	Direct		CNS1818901	47.070	Computer and Information Science and Engineering	42,438	-
National Science Foundation	Direct		CNS1837652	47.070	Computer and Information Science and Engineering	73,211	-
National Science Foundation	Direct		CNS1840052	47.070	Computer and Information Science and Engineering	41,511	-
National Science Foundation	Direct		CNS1923487	47.070	Computer and Information Science and Engineering	428,589	-
National Science Foundation	Direct		CNS1923496	47.070	Computer and Information Science and Engineering	326,060	-
National Science Foundation	Direct		CNS1931931	47.070	Computer and Information Science and Engineering	43,028	-
National Science Foundation	Direct		CNS1933335	47.070	Computer and Information Science and Engineering	26,855	-
National Science Foundation	Direct		CNS1933593	47.070	Computer and Information Science and Engineering	14,158	-
National Science Foundation	Direct		CNS2029676	47.070	Computer and Information Science and Engineering	3,814	-
National Science Foundation	Direct		CNS2029950	47.070	Computer and Information Science and Engineering	1,134	-
National Science Foundation	Direct		HS1327566	47.070	Computer and Information Science and Engineering	104,078	-
National Science Foundation	Direct		HS1526448	47.070	Computer and Information Science and Engineering	30,185	-
National Science Foundation	Direct		HS1526860	47.070	Computer and Information Science and Engineering	27,203	-
National Science Foundation	Direct		HS1623625	47.070	Computer and Information Science and Engineering	21,937	-
National Science Foundation	Direct		HS1623690	47.070	Computer and Information Science and Engineering	54,914	-
National Science Foundation	Direct		HS1647242	47.070	Computer and Information Science and Engineering	(3,070)	-
National Science Foundation	Direct		HS1652372	47.070	Computer and Information Science and Engineering	114,646	15,597
National Science Foundation	Direct		HS1750904	47.070	Computer and Information Science and Engineering	94,828	-
National Science Foundation	Direct		HS1763966	47.070	Computer and Information Science and Engineering	74,266	-
National Science Foundation	Direct		HS1814958	47.070	Computer and Information Science and Engineering	62,398	-
National Science Foundation	Direct		HS1838347	47.070	Computer and Information Science and Engineering	38,808	-
National Science Foundation	Direct		HS1855048	47.070	Computer and Information Science and Engineering	266,363	-
National Science Foundation	Direct		HS1940069	47.070	Computer and Information Science and Engineering	59,645	-
National Science Foundation	Direct		OAC 1835874	47.070	Computer and Information Science and Engineering	363,879	-
National Science Foundation	Direct		OAC1740151	47.070	Computer and Information Science and Engineering	212,617	-
National Science Foundation	Direct		OAC1841527	47.070	Computer and Information Science and Engineering	(264)	-
National Science Foundation	Pass-Through	Dartmouth College	SUB 1345 DARTMOUTH	47.070	Computer and Information Science and Engineering	62,854	-
National Science Foundation	Pass-Through	DePaul University	5013115G161	47.070	Computer and Information Science and Engineering	8,747	-
National Science Foundation	Pass-Through	Florida International University	800004769-04UG	47.070	Computer and Information Science and Engineering	16,084	-
National Science Foundation	Pass-Through	Florida International University	800007071-03UG	47.070	Computer and Information Science and Engineering	28,230	-
National Science Foundation	Pass-Through	New York University	NYU 1735909	47.070	Computer and Information Science and Engineering	38,616	-
National Science Foundation	Pass-Through	University of Arizona	Formerly UNIV59693	47.070	Computer and Information Science and Engineering	62,034	-
National Science Foundation	Pass-Through	University of Chicago	FP060312-E	47.070	Computer and Information Science and Engineering	4,844	-
National Science Foundation	Pass-Through	Virginia Polytechnic Institute and State University	479589-19645	47.070	Computer and Information Science and Engineering	(3,044)	-
						<u>5,355,511</u>	<u>546,431</u>
National Science Foundation	Direct		1456778	47.074	Biological Sciences	103,116	-
National Science Foundation	Direct		DEB1442113	47.074	Biological Sciences	28,796	-
National Science Foundation	Direct		DEB1753982	47.074	Biological Sciences	198,745	-
National Science Foundation	Direct		IOS1456472	47.074	Biological Sciences	102,395	-
National Science Foundation	Direct		IOS-1456844	47.074	Biological Sciences	24,239	-
National Science Foundation	Direct		MCB1330792	47.074	Biological Sciences	116,908	-
National Science Foundation	Direct		MCB1517695	47.074	Biological Sciences	23,197	-
National Science Foundation	Direct		MCB1818019	47.074	Biological Sciences	232,568	-
National Science Foundation	Direct		MCB1928918	47.074	Biological Sciences	230,521	-
National Science Foundation	Direct		MCB1942255	47.074	Biological Sciences	68,823	-
National Science Foundation	Direct		NSF 1411482	47.074	Biological Sciences	93,152	-
National Science Foundation	Pass-Through	Arizona State University	ASU80000350	47.074	Biological Sciences	14,701	-
						<u>1,237,161</u>	<u>-</u>
National Science Foundation	Direct		1756417	47.075	Social, Behavioral, and Economic Sciences	219,717	-
National Science Foundation	Direct		1829148	47.075	Social, Behavioral, and Economic Sciences	72,410	-
National Science Foundation	Direct		BCS1420757	47.075	Social, Behavioral, and Economic Sciences	(1,528)	-
National Science Foundation	Direct		BCS1534866	47.075	Social, Behavioral, and Economic Sciences	12,835	-
National Science Foundation	Direct		BCS1556700	47.075	Social, Behavioral, and Economic Sciences	96,614	-
National Science Foundation	Direct		BCS1557097	47.075	Social, Behavioral, and Economic Sciences	48,837	-
National Science Foundation	Direct		BCS1560534	47.075	Social, Behavioral, and Economic Sciences	(13)	-
National Science Foundation	Direct		BCS1651075	47.075	Social, Behavioral, and Economic Sciences	117,174	-
National Science Foundation	Direct		BCS1716699	47.075	Social, Behavioral, and Economic Sciences	275	-
National Science Foundation	Direct		BCS1730044	47.075	Social, Behavioral, and Economic Sciences	11,958	-
National Science Foundation	Direct		BCS1744386	47.075	Social, Behavioral, and Economic Sciences	23,874	-
National Science Foundation	Direct		BCS1753626	47.075	Social, Behavioral, and Economic Sciences	127,959	-
National Science Foundation	Direct		BCS1840896	47.075	Social, Behavioral, and Economic Sciences	158,433	17,626
National Science Foundation	Direct		BCS1846764	47.075	Social, Behavioral, and Economic Sciences	52,948	-
National Science Foundation	Direct		BCS1904291	47.075	Social, Behavioral, and Economic Sciences	17,752	-
National Science Foundation	Direct		BCS1918824	47.075	Social, Behavioral, and Economic Sciences	96,312	-
National Science Foundation	Direct		BCS1921492	47.075	Social, Behavioral, and Economic Sciences	116,632	-
National Science Foundation	Direct		SES 1851690	47.075	Social, Behavioral, and Economic Sciences	142,666	21,049
National Science Foundation	Direct		SES-1556325	47.075	Social, Behavioral, and Economic Sciences	4,371	-
National Science Foundation	Direct		SES1948723	47.075	Social, Behavioral, and Economic Sciences	10,104	-
National Science Foundation	Direct		SMA-1640681	47.075	Social, Behavioral, and Economic Sciences	174,109	19,085
National Science Foundation	Pass-Through	University of California San Diego	FD 18321072	47.075	Social, Behavioral, and Economic Sciences	(1)	-
National Science Foundation	Pass-Through	University of Colorado Boulder	1555794 UCB	47.075	Social, Behavioral, and Economic Sciences	38,462	-
						<u>1,541,902</u>	<u>57,760</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		DGE1445197	47.076	Education and Human Resources	67,590	-
National Science Foundation	Direct		DGE1652825	47.076	Education and Human Resources	195,823	-
National Science Foundation	Direct		DGE1922697	47.076	Education and Human Resources	302,721	25,242
National Science Foundation	Direct		DGE1937391	47.076	Education and Human Resources	2,403	-
National Science Foundation	Direct		DGE1937963	47.076	Education and Human Resources	1,816,542	-
National Science Foundation	Direct		DRL1812789	47.076	Education and Human Resources	5,137	-
National Science Foundation	Direct		DRL1420488	47.076	Education and Human Resources	164,010	-
National Science Foundation	Direct		DRL1535327	47.076	Education and Human Resources	51,895	-
National Science Foundation	Direct		DRL1561286	47.076	Education and Human Resources	95,067	-
National Science Foundation	Direct		DRL1620863	47.076	Education and Human Resources	250,949	-
National Science Foundation	Direct		DRL1620920	47.076	Education and Human Resources	340,178	-
National Science Foundation	Direct		DRL1621088	47.076	Education and Human Resources	492,172	-
National Science Foundation	Direct		DRL1640199	47.076	Education and Human Resources	286,422	195,449
National Science Foundation	Direct		DRL1643113	47.076	Education and Human Resources	67	-
National Science Foundation	Direct		DRL1660816	47.076	Education and Human Resources	340,600	-
National Science Foundation	Direct		DRL1742257	47.076	Education and Human Resources	349,574	49,147
National Science Foundation	Direct		DRL1750213	47.076	Education and Human Resources	254,801	-
National Science Foundation	Direct		DRL1760225	47.076	Education and Human Resources	499,128	-
National Science Foundation	Direct		DRL1813008	47.076	Education and Human Resources	595,670	13,886
National Science Foundation	Direct		DRL1908791	47.076	Education and Human Resources	102,092	71,367
National Science Foundation	Direct		DRL1949472	47.076	Education and Human Resources	16,279	-
National Science Foundation	Direct		DUE1439806	47.076	Education and Human Resources	106,241	25,165
National Science Foundation	Direct		DUE1561576	47.076	Education and Human Resources	137,653	-
National Science Foundation	Direct		DUE1711712	47.076	Education and Human Resources	10,682	-
National Science Foundation	Direct		DUE1762158	47.076	Education and Human Resources	329,916	176,137
National Science Foundation	Direct		DUE1852875	47.076	Education and Human Resources	314,900	12,954
National Science Foundation	Direct		DUE1915487	47.076	Education and Human Resources	78,941	-
National Science Foundation	Direct		HRD1647196	47.076	Education and Human Resources	253,926	61,814
National Science Foundation	Pass-Through	Education Development Center, Inc	12434 2019-0302	47.076	Education and Human Resources	64,826	-
National Science Foundation	Pass-Through	Fisk University	HRD1826755	47.076	Education and Human Resources	122,828	-
National Science Foundation	Pass-Through	New York University	F0394-02NYU	47.076	Education and Human Resources	73,070	-
National Science Foundation	Pass-Through	Northwestern University	NORTHWESTERN	47.076	Education and Human Resources	12,210	-
National Science Foundation	Pass-Through	SRI International Corporation	SRI 1742195	47.076	Education and Human Resources	191,420	-
National Science Foundation	Pass-Through	Tennessee State University	332.77-19.0887	47.076	Education and Human Resources	15,324	-
National Science Foundation	Pass-Through	Tennessee State University	HRD1826954	47.076	Education and Human Resources	45,493	-
National Science Foundation	Pass-Through	Tufts University	NSF023	47.076	Education and Human Resources	73,721	-
National Science Foundation	Pass-Through	University of California Los Angeles	1295 G WA 160	47.076	Education and Human Resources	47,554	-
						8,107,825	631,161
National Science Foundation	Direct		OISE1743772	47.079	Office of International Science and Engineering	478,251	174,898
National Science Foundation	Direct		OISE182617	47.079	Office of International Science and Engineering	38,630	-
National Science Foundation	Pass-Through	Columbia University	5-24879	47.079	Office of International Science and Engineering	(4,129)	-
						512,752	174,898
National Science Foundation	Direct		OIA1936970	47.083	Office of Integrative Activities	530,460	194,342
						530,460	194,342
Total National Science Foundation						24,920,266	1,783,970

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Veterans Affairs	Direct		IPA - OLATUNJI	64 RD		(769)	-
Veterans Affairs	Direct		IPA WRISC	64 RD		57	-
Total Veterans Affairs						(712)	-
Environmental Protection Agency	Direct		83573601	66.509	Science To Achieve Results (STAR) Research Program	292,489	129,973
Environmental Protection Agency	Direct		83950401	66.509	Science To Achieve Results (STAR) Research Program	164,223	-
Environmental Protection Agency	Pass-Through	VUMC	VUMC 75597	66.509	Science To Achieve Results (STAR) Research Program	57,920	-
						514,632	129,973
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	JACOBS EPATP-000003	66.708	Pollution Prevention Grants Program	395,483	-
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	JACOBS VU-001-RP	66.708	Pollution Prevention Grants Program	126,099	-
Total Environmental Protection Agency						521,582	-
						1,036,214	129,973
Nuclear Regulatory Commission	Direct		NRC-HQ-84-14-G-0044	77.008	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	24,548	-
Total Nuclear Regulatory Commission						24,548	-
US Department of Energy Chicago	Pass-Through	GC_Los Alamos Laboratories	580557	81 RD		24,501	-
US Department of Energy Chicago	Direct		DE-FOA-0000995	81 RD		116,926	-
US Department of Energy Chicago	Direct		PO DE-OT0011786-2017	81 RD		18,138	-
US Department of Energy Chicago	Pass-Through	Brookhaven Science Associates, LLC	BNL 350871	81 RD		(2,838)	-
US Department of Energy Chicago	Pass-Through	Electric Power Research Institute	10007265 1-108953-01	81 RD		(15,465)	-
US Department of Energy Chicago	Pass-Through	Electric Power Research Institute	10009816	81 RD		24,127	-
US Department of Energy Chicago	Pass-Through	Fermi National Accelerator Laboratory	DOE/FERMILAB POS7987	81 RD		(8)	-
US Department of Energy Chicago	Pass-Through	Fermi National Accelerator Laboratory	FNAL PO 631563	81 RD		(289)	-
US Department of Energy Chicago	Pass-Through	GC_Los Alamos Laboratories	487709	81 RD		109,634	-
US Department of Energy Chicago	Pass-Through	GC_Los Alamos Laboratories	LANL 468746	81 RD		(17,754)	-
US Department of Energy Chicago	Pass-Through	Idaho National Laboratory	217944	81 RD		234,866	-
US Department of Energy Chicago	Pass-Through	Idaho National Laboratory	VUW2545 0014530	81 RD		(13,113)	-
US Department of Energy Chicago	Pass-Through	National Renewable Energy Laboratory	XEI-9-92257-01	81 RD		60,358	-
US Department of Energy Chicago	Pass-Through	National Science Foundation	PO 1302046	47 RD		(238)	-
US Department of Energy Chicago	Pass-Through	Pacific Northwest National Laboratory	428975	81 RD		115,807	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	1849961	81 RD		(75)	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	1873948	81 RD		8,847	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	1988281	81 RD		141,888	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2047909	81 RD		64,751	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2099943	81 RD		39,204	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 1643376	81 RD		23,566	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 1938834	81 RD		57,554	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 12546817	81 RD		137,937	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 2033820	81 RD		52,533	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 2125099	81 RD		27,648	-
US Department of Energy Chicago	Pass-Through	Savannah River Remediation	SRRA110110	81 RD		(810)	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-3-12-01	81 RD		187,935	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-3-2-01	81 RD		56,684	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-6-11-01	81 RD		47,022	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-6-7-01	81 RD		25,040	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-03PA16-0349-6-1-01	81 RD		239,485	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	4000101504	81 RD		1,651	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	4000150803	81 RD		318,655	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	4000152142 UT BATTLE	81 RD		(2,219)	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	4000169220	81 RD		50,536	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	4000182078	81 RD		(1,136)	-
US Department of Energy Golden	Pass-Through	Electric Power Research Institute	10012233	81 RD		5,503	-
US Department of Energy National Energy Technology Laboratory	Pass-Through	Chattanooga Area Regional Transportation Authority	UNIV60607	81 RD		141,081	44,615
US Department of Energy Nuclear Energy	Direct		DE-NE0000646	81 RD		51,603	-
US Department of Energy Nuclear Energy	Direct		DE-NE00006712	81 RD		399,910	79,238
US Department of Energy Nuclear Energy	Pass-Through	Arizona State University	14-434 DE-NE0000675	81 RD		(184)	-
						2,725,141	123,853
US Department of Energy Chicago	Direct		DEFG0588ER40407	81.049	Office of Science Financial Assistance Program	269,054	-
US Department of Energy Chicago	Direct		DEFG0592ER40712	81.049	Office of Science Financial Assistance Program	643,067	-
US Department of Energy Chicago	Direct		DE-SC0005220	81.049	Office of Science Financial Assistance Program	942,650	-
US Department of Energy Chicago	Direct		DE-SC0008118	81.049	Office of Science Financial Assistance Program	(473)	-
US Department of Energy Chicago	Direct		DE-SC0019207	81.049	Office of Science Financial Assistance Program	28,215	-
US Department of Energy Chicago	Direct		DE-SC0019404	81.049	Office of Science Financial Assistance Program	373,707	35,156
US Department of Energy Chicago	Direct		ER46554	81.049	Office of Science Financial Assistance Program	200,231	-
US Department of Energy Chicago	Direct		SC0011981	81.049	Office of Science Financial Assistance Program	39,615	-
US Department of Energy Chicago	Direct		SC0019235	81.049	Office of Science Financial Assistance Program	34,524	-
US Department of Energy Chicago	Pass-Through	J. Craig Venter Institute	JCV-17-013	81.049	Office of Science Financial Assistance Program	223,061	-
US Department of Energy Chicago	Pass-Through	Johns Hopkins University	2004007094	81.049	Office of Science Financial Assistance Program	60,602	-
US Department of Energy Chicago	Pass-Through	Rutgers, The State University of New Jersey	738	81.049	Office of Science Financial Assistance Program	191,038	-
US Department of Energy Germantown	Direct		DE-FC01-06EW07053	81.049	Office of Science Financial Assistance Program	4,952,856	1,783,761
						7,958,147	1,818,917
US Department of Energy Chicago	Direct		DE-EE0007215	81.086	Conservation Research and Development	5,451	-
US Department of Energy National Energy Technology Laboratory	Pass-Through	University of California Berkeley	#10315	81.086	Conservation Research and Development	110,785	-
						116,236	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Energy Golden	Direct		DE-EE0007653	81.087	Renewable Energy Research and Development	354,107	48,382
US Department of Energy Golden	Direct		DE-EE0008418	81.087	Renewable Energy Research and Development	382,691	132,164
US Department of Energy Golden	Direct		EE0008435	81.087	Renewable Energy Research and Development	269,052	-
						<u>1,005,850</u>	<u>180,546</u>
US Department of Energy Nuclear Energy	Direct		DE-NE0000734	81.121	Nuclear Energy Research, Development and Demonstration	771	-
US Department of Energy Nuclear Energy	Direct		DE-NE0000735	81.121	Nuclear Energy Research, Development and Demonstration	(73)	-
US Department of Energy Nuclear Energy	Direct		DE-NE0000895	81.121	Nuclear Energy Research, Development and Demonstration	162,555	35,311
US Department of Energy Nuclear Energy	Pass-Through	Electric Power Research Institute	EPRI 1006762	81.121	Nuclear Energy Research, Development and Demonstration	55,127	-
						<u>218,380</u>	<u>35,311</u>
Advanced Research Project Agency - Energy	Direct		DE_AR0001035	81.135	Advanced Research Projects Agency - Energy	276,234	-
Advanced Research Project Agency - Energy	Direct		DE-AR000666	81.135	Advanced Research Projects Agency - Energy	157,270	25,396
Advanced Research Project Agency - Energy	Pass-Through	Electric Power Research Institute	10011521	81.135	Advanced Research Projects Agency - Energy	7,044	-
						<u>440,548</u>	<u>25,396</u>
Total Department of Energy						<u>12,468,302</u>	<u>2,184,023</u>
US Department of Education	Pass-Through	Mathematica Policy Research, Inc.	40346505916_EDIES14C0001	84 RD		317,740	166,515
US Department of Education	Pass-Through	Metropolitan Government of Nashville and Davidson County, Tennessee	2-218740-26 METRO/ED	84 RD		378,793	-
US Department of Education	Pass-Through	MT Department of Public Health and Human Services	1702PR05033	84 RD		110	-
						<u>696,643</u>	<u>166,515</u>
US Department of Education	Direct		P015A180040	84.015	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	164,401	-
US Department of Education	Direct		P015B180040	84.015	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	204,642	-
						<u>369,043</u>	<u>-</u>
US Department of Education	Pass-Through	TN Department of Human Services	34570-91018	84.126	Rehabilitation Services_Vocational Rehabilitation Grants to States	498,464	39,144
						<u>498,464</u>	<u>39,144</u>
US Department of Education	Pass-Through	TN Department of Education	33195-00117 EDH48116	84.181	Special Education-Grants for Infants and Families	341,553	-
						<u>341,553</u>	<u>-</u>
US Department of Education	Direct		P200A150173	84.200	Graduate Assistance in Areas of National Need	130,252	-
						<u>130,252</u>	<u>-</u>
US Department of Education	Direct		R305A140126	84.305	Education Research, Development and Dissemination	(150)	-
US Department of Education	Direct		R305A150141	84.305	Education Research, Development and Dissemination	52,141	39,615
US Department of Education	Direct		R305A150199	84.305	Education Research, Development and Dissemination	1,122	191
US Department of Education	Direct		R305A150200	84.305	Education Research, Development and Dissemination	474,623	-
US Department of Education	Direct		R305A150396	84.305	Education Research, Development and Dissemination	314,457	4,977
US Department of Education	Direct		R305A160132	84.305	Education Research, Development and Dissemination	113,900	-
US Department of Education	Direct		R305A170203	84.305	Education Research, Development and Dissemination	311,816	89,829
US Department of Education	Direct		R305A180511	84.305	Education Research, Development and Dissemination	115,747	72,758
US Department of Education	Direct		R305B170009	84.305	Education Research, Development and Dissemination	257,459	-
US Department of Education	Direct		R305E150017	84.305	Education Research, Development and Dissemination	728,803	553,499
US Department of Education	Pass-Through	American Institute for Research	0467100003_R305N180005	84.305	Education Research, Development and Dissemination	172,580	-
US Department of Education	Pass-Through	Brown University	R305E150005	84.305	Education Research, Development and Dissemination	19,809	-
US Department of Education	Pass-Through	Columbia University	COLUMBIA UNIV	84.305	Education Research, Development and Dissemination	211	-
US Department of Education	Pass-Through	Harvard University	1081475101679R305A17	84.305	Education Research, Development and Dissemination	15,883	-
US Department of Education	Pass-Through	Harvard University	108164-5110834_R305A190034	84.305	Education Research, Development and Dissemination	9,795	-
US Department of Education	Pass-Through	National Opinion Research Center	R305A190298	84.305	Education Research, Development and Dissemination	128,937	-
US Department of Education	Pass-Through	New York University	R305A170498-18_F0253-03	84.305	Education Research, Development and Dissemination	77,083	-
US Department of Education	Pass-Through	Temple University	R305A150142	84.305	Education Research, Development and Dissemination	5,439	-
US Department of Education	Pass-Through	University of Florida	SUB00001829_R305A190079	84.305	Education Research, Development and Dissemination	54,376	-
US Department of Education	Pass-Through	University of Nevada Las Vegas	R305A160100	84.305	Education Research, Development and Dissemination	15,108	-
US Department of Education	Pass-Through	University of Texas at Austin	R305A160026	84.305	Education Research, Development and Dissemination	114,530	-
						<u>2,983,669</u>	<u>760,869</u>
US Department of Education	Direct		R324A150094	84.324	Research in Special Education	240,861	54,877
US Department of Education	Direct		R324A150269	84.324	Research in Special Education	(5,011)	-
US Department of Education	Direct		R324A160086	84.324	Research in Special Education	275,736	135,378
US Department of Education	Direct		R324A170150	84.324	Research in Special Education	182,913	126,476
US Department of Education	Direct		R324A180004	84.324	Research in Special Education	488,165	-
US Department of Education	Direct		R324A180171	84.324	Research in Special Education	455,720	94,724
US Department of Education	Direct		R324A190177	84.324	Research in Special Education	403,747	-
US Department of Education	Direct		R324B160010	84.324	Research in Special Education	131,479	-
US Department of Education	Direct		R324D130003	84.324	Research in Special Education	451,891	-
US Department of Education	Pass-Through	Lehigh University	R324A160096	84.324	Research in Special Education	45,919	-
US Department of Education	Pass-Through	Stanford University	R324A180004	84.324	Research in Special Education	252,948	-
US Department of Education	Pass-Through	University of California Santa Barbara	R324A190202_KX2035	84.324	Research in Special Education	29,725	-
US Department of Education	Pass-Through	University of Florida	R324A150076	84.324	Research in Special Education	1,774	-
US Department of Education	Pass-Through	University of Iowa	R324A160076	84.324	Research in Special Education	96,789	-
US Department of Education	Pass-Through	University of Kansas	R324A120344	84.324	Research in Special Education	(2,057)	-
US Department of Education	Pass-Through	University of Kansas	R324A170119	84.324	Research in Special Education	85,160	-
US Department of Education	Pass-Through	University of Maryland College Park	R324A150181_U OF M	84.324	Research in Special Education	(4,811)	-
US Department of Education	Pass-Through	University of North Carolina Chapel Hill	5115070_R324A190238	84.324	Research in Special Education	20,610	-
US Department of Education	Pass-Through	University of Texas at Austin	R324A150078-17_UTA18-000452	84.324	Research in Special Education	21,833	-
US Department of Education	Pass-Through	University of Texas at Austin	UTA19-000645_R324A190072	84.324	Research in Special Education	22,470	-
US Department of Education	Pass-Through	VUMC	VUMC/IES-R324A150029	84.324	Research in Special Education	1,436	-
						<u>3,197,297</u>	<u>411,455</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Education	Direct		H325D120091	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	19,074	-
US Department of Education	Direct		H325D140073	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	193,538	-
US Department of Education	Direct		H325D140077	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	67,765	-
US Department of Education	Direct		H325D140087	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	62,491	-
US Department of Education	Direct		H325D170004	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	320,462	-
US Department of Education	Direct		H325D170005	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	167,771	-
US Department of Education	Direct		H325D180086	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	101,100	-
US Department of Education	Direct		H325D180095	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	145,986	-
US Department of Education	Direct		H325D190005	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	3,657	-
US Department of Education	Direct		H325E120002	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	(1,084)	-
US Department of Education	Direct		H325E170001	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	1,197,154	74,690
US Department of Education	Direct		H325H140001	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	1,084,758	769,529
US Department of Education	Direct		H325H190003	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	47,888	-
US Department of Education	Direct		H325K120214	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	1,916	-
US Department of Education	Direct		H325K140110	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	150,124	-
US Department of Education	Direct		H325K140201	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	75,648	-
US Department of Education	Direct		H325K140212	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	214,177	-
US Department of Education	Direct		H325K140208	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	83,675	-
US Department of Education	Direct		H325K170014	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	287,472	-
US Department of Education	Direct		H325K180148	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	255,951	-
US Department of Education	Direct		H325K180175	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	182,551	-
US Department of Education	Direct		H325K190020	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	78,948	-
US Department of Education	Direct		H325K190049	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	37,989	-
US Department of Education	Direct		H325K190056	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	2,393	-
US Department of Education	Pass-Through	Salus University	H325H140000_88404a-18-19	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	200	-
						<u>4,781,414</u>	<u>844,219</u>
US Department of Education	Direct		H326M180002	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	180,268	-
US Department of Education	Pass-Through	Stanford University	H326M180002	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	36,488	-
US Department of Education	Pass-Through	University of South Florida	H326B170003	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	259,662	-
						<u>476,418</u>	<u>-</u>
US Department of Education	Pass-Through	University of Nebraska Lincoln	UNV59418/24-1708-01	84.365	English Language Acquisition State Grants	5,384	-
						<u>5,384</u>	<u>-</u>
US Department of Education	Pass-Through	University of Connecticut	322783_AG160213	84.380	Special Education - Olympiic Education Programs	22,184	-
						<u>22,184</u>	<u>-</u>
US Department of Education	Direct		P407A150058	84.407	Transition Programs for Students with Intellectual Disabilities into Higher Education	466,817	24,718
						<u>466,817</u>	<u>24,718</u>
US Department of Education	Pass-Through	Florida State University	FLORIDA STATE	84.411	Investing in Innovation (I3) Fund	142,737	-
						<u>142,737</u>	<u>-</u>
US Department of Education	Pass-Through	MT Department of Public Health and Human Services	1902PRO50395	84.419	Preschool Development Grants	67,774	-
US Department of Education	Pass-Through	TN Department of Education	5419B150026/46104	84.419	Preschool Development Grants	6,533	-
						<u>74,307</u>	<u>-</u>
Total Department of Education						<u>14,186,182</u>	<u>2,246,920</u>
Administration for Children and Families	Pass-Through	ZERO TO THREE	Year 4	93 RD		203,805	81,336
National Institutes of Health	Pass-Through	ZERO TO THREE	201709281N	93 RD		84,084	-
National Institutes of Health	Direct		4P50MH096972-05	93 RD		(1,551)	(1,551)
National Institutes of Health	Direct		AJ35937	93 RD		262,744	17,389
National Institutes of Health	Direct		GRANT12186579	93 RD		266,076	-
National Institutes of Health	Direct		HHSN271201400118C	93 RD		61,137	-
National Institutes of Health	Pass-Through	Abt Associates, Inc.	HHSF233201500069H	93 RD		23,952	-
National Institutes of Health	Pass-Through	CFD Research Corporation	CFDRC Project No. 9293	93 RD		416,136	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16Q2060	93 RD		442,250	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16X117 Mod 6A	93 RD		844,469	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16X117 MSA MODIFICAT	93 RD		(10,059)	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	HHSN26120080001E	93 RD		101,871	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	Mod 4i-WDRS-MLL1	93 RD		1,184,732	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	WDRS-MLL WOOD-162	93 RD		287,899	-
National Institutes of Health	Pass-Through	University of Mississippi Medical Center	HHSN262601800012	93 RD		113,535	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Science Applications International Corporation	SAIC BOA 29XS129	93 RD		(7,520)	-
National Institutes of Health	Pass-Through	Silver Lake Research Corporation	VUMC 1R43	93 RD		13	-
National Institutes of Health	Pass-Through	University of Colorado Denver	P50 CAD8187 - PO 1001006996	93 RD		(2,178)	-
National Institutes of Health	Pass-Through	University of Washington	KPMP2102	93 RD		894	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	3UGIDA040317-0552	93 RD		8,350	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	75N93019C00074	93 RD		26,438	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV	93 RD		(18)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: Elad Binshin	93 RD		8,813	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	RD1A145992	93 RD		10,243	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R21A42042	93 RD		4,318	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R35 HL150783	93 RD		962	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VANDERBILT DIABETES-	93 RD		10,448	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC	93 RD		17,423	-
						<u>4,359,266</u>	<u>97,174</u>
National Institutes of Health	Pass-Through	HeroWear, LLC	R43OH01872 - UNIV 61152	93.061	Innovations in Applied Public Health Research	9,490	-
						<u>9,490</u>	-
Food and Drug Administration	Pass-Through	Oak Ridge Associated Universities	221630135	93.103	Food and Drug Administration_Research	46,003	-
						<u>46,003</u>	-
Health Resources and Services Administration	Direct		5 R40MC27707-03-00	93.110	Maternal and Child Health Federal Consolidated Programs	(1,128)	-
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	5 173 MC0050-17	93.110	Maternal and Child Health Federal Consolidated Programs	643	-
						<u>(485)</u>	-
National Institutes of Health	Direct		1 R01 ES026955-01A1	93.113	Environmental Health	416,313	-
National Institutes of Health	Direct		1F31ES028084	93.113	Environmental Health	13,588	-
National Institutes of Health	Direct		1R01ES024133-01A1	93.113	Environmental Health	42,838	-
National Institutes of Health	Direct		1R01ES030575-01A1	93.113	Environmental Health	479,560	-
National Institutes of Health	Direct		2 R01 ES010546-16	93.113	Environmental Health	327,221	-
National Institutes of Health	Direct		2T3ZES007028-45	93.113	Environmental Health	359,073	-
National Institutes of Health	Direct		4K2ZES008048-02	93.113	Environmental Health	155,077	-
National Institutes of Health	Direct		5T3ZES007028-43	93.113	Environmental Health	169,488	-
National Institutes of Health	Direct		R01ES029357	93.113	Environmental Health	547,379	134,609
National Institutes of Health	Pass-Through	Arizona State University	ES026845-02	93.113	Environmental Health	16,003	-
National Institutes of Health	Pass-Through	Purdue University	11000758-013	93.113	Environmental Health	74,837	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	1R01ES028269-01A1	93.113	Environmental Health	134,458	-
						<u>2,735,835</u>	<u>134,609</u>
National Institutes of Health	Direct		1F31DE028467	93.121	Oral Diseases and Disorders Research	32,425	-
National Institutes of Health	Direct		5 R01 DE024982-02	93.121	Oral Diseases and Disorders Research	281	-
National Institutes of Health	Pass-Through	University of Buffalo	R1136496, UNIV 60392	93.121	Oral Diseases and Disorders Research	28,749	-
National Institutes of Health	Pass-Through	University of Pennsylvania	DE024982	93.121	Oral Diseases and Disorders Research	24,566	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC6698	93.121	Oral Diseases and Disorders Research	10,634	-
						<u>96,655</u>	-
Health Resources and Services Administration	Direct		H33MC06841-11-00	93.127	Emergency Medical Services for Children	(88,195)	-
						<u>(88,195)</u>	-
Centers for Disease Control	Pass-Through	University of Louisville	ULRF 15-1357-03	93.136	Injury Prevention and Control Research and State and Community Based Programs	(2,878)	-
Centers for Disease Control	Pass-Through	University of Louisville	ULRF15-1357C-03A	93.136	Injury Prevention and Control Research and State and Community Based Programs	152,938	-
						<u>150,060</u>	-
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	VUMC 61470 AM 1	93.145	HIV-Related Training and Technical Assistance	4,967	-
						<u>4,967</u>	-
National Institutes of Health	Direct		1U01HG009086-01	93.172	Human Genome Research	899,998	440,161
National Institutes of Health	Pass-Through	Bioventures, Inc.	R24HG009470-01A1	93.172	Human Genome Research	467,112	-
National Institutes of Health	Pass-Through	University of Pittsburgh	1 R01 HG07358-01A1	93.172	Human Genome Research	1	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 6003	93.172	Human Genome Research	226,811	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 6003 UNIV58670	93.172	Human Genome Research	8,639	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 79022	93.172	Human Genome Research	11,485	-
						<u>1,614,046</u>	<u>440,161</u>
National Institutes of Health	Direct		1 R21 DC015850-01	93.173	Research Related to Deafness and Communication Disorders	(2)	-
National Institutes of Health	Direct		1F31DC015956-01	93.173	Research Related to Deafness and Communication Disorders	4,049	-
National Institutes of Health	Direct		1R01DC014037-VR1-5	93.173	Research Related to Deafness and Communication Disorders	260,381	49,696
National Institutes of Health	Direct		1R01DC014462	93.173	Research Related to Deafness and Communication Disorders	496,694	190,195
National Institutes of Health	Direct		1R01DC018171-01	93.173	Research Related to Deafness and Communication Disorders	331,991	13,069
National Institutes of Health	Direct		1U01DC017135	93.173	Research Related to Deafness and Communication Disorders	1,200,064	635,838
National Institutes of Health	Direct		5 R01 DC013767-03	93.173	Research Related to Deafness and Communication Disorders	395,158	138,063
National Institutes of Health	Direct		7R01DC013274	93.173	Research Related to Deafness and Communication Disorders	555,621	289,726
National Institutes of Health	Direct		R21DC016153	93.173	Research Related to Deafness and Communication Disorders	256,912	42,312
National Institutes of Health	Direct		1R01 DC012593-01A1	93.173	Research Related to Deafness and Communication Disorders	(2,324)	-
National Institutes of Health	Pass-Through	Drexel University	8020198	93.173	Research Related to Deafness and Communication Disorders	15,519	-
National Institutes of Health	Pass-Through	University of California San Francisco	UNIVC	93.173	Research Related to Deafness and Communication Disorders	13,822	-
National Institutes of Health	Pass-Through	University of Maryland College Park	1R01DC015798 U OF MD	93.173	Research Related to Deafness and Communication Disorders	12,623	-
National Institutes of Health	Pass-Through	University of Pittsburgh	06627381(132446-1)	93.173	Research Related to Deafness and Communication Disorders	264,508	-
National Institutes of Health	Pass-Through	University of Utah	DC013168	93.173	Research Related to Deafness and Communication Disorders	136,103	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01DC017683-01A1	93.173	Research Related to Deafness and Communication Disorders	47,726	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01DC017926-01A1	93.173	Research Related to Deafness and Communication Disorders	57,715	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 DC08408-05A1	93.173	Research Related to Deafness and Communication Disorders	1,729	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 DC08408-05A1A	93.173	Research Related to Deafness and Communication Disorders	(16,989)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC	93.173	Research Related to Deafness and Communication Disorders	236,404	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64194	93.173	Research Related to Deafness and Communication Disorders	(47,278)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64648	93.173	Research Related to Deafness and Communication Disorders	8,910	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC64813	93.173	Research Related to Deafness and Communication Disorders	3,382	-
						<u>4,144,718</u>	<u>1,358,899</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1F31AT010299	93.213	Research and Training in Complementary and Integrative Health	29,961	-
National Institutes of Health	Direct		4 R01 AT06896-04/05	93.213	Research and Training in Complementary and Integrative Health	(1,293)	-
National Institutes of Health	Direct		4R01AT007830-04	93.213	Research and Training in Complementary and Integrative Health	17,903	-
						<u>46,571</u>	-
Agency for Healthcare Research and Quality	Pass-Through	Vanderbilt University Medical Center	VUMC77177	93.226	Research on Healthcare Costs, Quality and Outcomes	9,772	-
National Institutes of Health	Direct		1 K08 HS024733-01A1	93.226	Research on Healthcare Costs, Quality and Outcomes	12,334	-
National Institutes of Health	Direct		1R01HS025486	93.226	Research on Healthcare Costs, Quality and Outcomes	136,437	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	K12HS026395	93.226	Research on Healthcare Costs, Quality and Outcomes	79,725	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 68739	93.226	Research on Healthcare Costs, Quality and Outcomes	134,208	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 73417	93.226	Research on Healthcare Costs, Quality and Outcomes	160,046	-
						<u>534,522</u>	-
National Institutes of Health	Direct		1 R01 MH107399-01	93.242	Mental Health Research Grants	(93,219)	3,533
National Institutes of Health	Direct		1 R21 MH102548-01A1	93.242	Mental Health Research Grants	(28,591)	-
National Institutes of Health	Direct		1 U19 MH106398-01	93.242	Mental Health Research Grants	(95,870)	-
National Institutes of Health	Direct		1F31MH11144-01A1	93.242	Mental Health Research Grants	(86)	-
National Institutes of Health	Direct		1F31MH113259	93.242	Mental Health Research Grants	28,956	-
National Institutes of Health	Direct		1F31MH113271 Y1-1-3	93.242	Mental Health Research Grants	29,485	-
National Institutes of Health	Direct		1F31MH114568-01/03	93.242	Mental Health Research Grants	14,205	-
National Institutes of Health	Direct		1F31MH119699	93.242	Mental Health Research Grants	27,403	-
National Institutes of Health	Direct		1F32MH113266-01	93.242	Mental Health Research Grants	2,548	-
National Institutes of Health	Direct		1K01MH112983	93.242	Mental Health Research Grants	123,399	-
National Institutes of Health	Direct		1K01MH115511-01A1	93.242	Mental Health Research Grants	131,506	-
National Institutes of Health	Direct		1R01MH108498-01/02	93.242	Mental Health Research Grants	42,248	-
National Institutes of Health	Direct		1R01MH110378-01A1	93.242	Mental Health Research Grants	250,121	-
National Institutes of Health	Direct		1R01MH113543-01	93.242	Mental Health Research Grants	301,388	-
National Institutes of Health	Direct		1R01MH118273-01A1	93.242	Mental Health Research Grants	293,916	83,584
National Institutes of Health	Direct		1R21MH111548-01	93.242	Mental Health Research Grants	60,687	-
National Institutes of Health	Direct		1R21MH112866-01	93.242	Mental Health Research Grants	62,413	-
National Institutes of Health	Direct		1R21MH116150-01	93.242	Mental Health Research Grants	123,350	-
National Institutes of Health	Direct		1R21MH117735	93.242	Mental Health Research Grants	49,841	10,379
National Institutes of Health	Direct		1R21MH122781-01A1	93.242	Mental Health Research Grants	4,248	-
National Institutes of Health	Direct		1R34MH118028-01A1	93.242	Mental Health Research Grants	200,781	14,239
National Institutes of Health	Direct		1R61MH115125-01A1	93.242	Mental Health Research Grants	372,966	-
National Institutes of Health	Direct		1R61MH119270-01A1	93.242	Mental Health Research Grants	1,834	-
National Institutes of Health	Direct		2R01MH062646-17-21	93.242	Mental Health Research Grants	279,709	-
National Institutes of Health	Direct		2R01MH061961	93.242	Mental Health Research Grants	731,619	-
National Institutes of Health	Direct		2R01MH084989-08-A1	93.242	Mental Health Research Grants	413,280	-
National Institutes of Health	Direct		2T32 MH064913-16-20	93.242	Mental Health Research Grants	467,977	-
National Institutes of Health	Direct		2T32MH065215-16A1	93.242	Mental Health Research Grants	185,012	-
National Institutes of Health	Direct		4R00MH093567-03	93.242	Mental Health Research Grants	(580)	-
National Institutes of Health	Direct		4R00MH113764	93.242	Mental Health Research Grants	136,536	-
National Institutes of Health	Direct		4R01 MH082867-YR 9-1	93.242	Mental Health Research Grants	(14,304)	-
National Institutes of Health	Direct		4R01MH055806-20	93.242	Mental Health Research Grants	(9,064)	-
National Institutes of Health	Direct		4R33MH103518-03	93.242	Mental Health Research Grants	67,916	-
National Institutes of Health	Direct		4R33MH106748	93.242	Mental Health Research Grants	250,577	-
National Institutes of Health	Direct		5 R01 MH073676 -11	93.242	Mental Health Research Grants	526,908	-
National Institutes of Health	Direct		5 R21 MH103950-02	93.242	Mental Health Research Grants	(162)	-
National Institutes of Health	Direct		5 T32 MH018921 -28 YR	93.242	Mental Health Research Grants	298,783	-
National Institutes of Health	Direct		5T32MH05215-15	93.242	Mental Health Research Grants	5,430	-
National Institutes of Health	Direct		7 R01 MH081060-11	93.242	Mental Health Research Grants	153,626	-
National Institutes of Health	Direct		7R01MH066198-16	93.242	Mental Health Research Grants	879	-
National Institutes of Health	Direct		7R01MH104158-04	93.242	Mental Health Research Grants	285,529	-
National Institutes of Health	Direct		7R01MH107254	93.242	Mental Health Research Grants	428,320	-
National Institutes of Health	Direct		F30MH115535	93.242	Mental Health Research Grants	31,306	-
National Institutes of Health	Direct		K01MH107256	93.242	Mental Health Research Grants	26,760	-
National Institutes of Health	Direct		NIH 7R01MH070727	93.242	Mental Health Research Grants	892,290	-
National Institutes of Health	Direct		R00MH117274	93.242	Mental Health Research Grants	196,257	-
National Institutes of Health	Direct		R01 MH100258-01A1	93.242	Mental Health Research Grants	21,986	-
National Institutes of Health	Direct		R01MH108562-01A1	93.242	Mental Health Research Grants	431,407	31,616
National Institutes of Health	Direct		R01MH119673	93.242	Mental Health Research Grants	704,522	-
National Institutes of Health	Direct		1R01MH077697-01A2	93.242	Mental Health Research Grants	(1,085)	-
National Institutes of Health	Direct		1R01MH098098-01	93.242	Mental Health Research Grants	413	-
National Institutes of Health	Pass-Through	Columbia University	1(GG014615-01)	93.242	Mental Health Research Grants	98,229	-
National Institutes of Health	Pass-Through	Oregon Health & Science University	104372	93.242	Mental Health Research Grants	41,907	-
National Institutes of Health	Pass-Through	University of Maryland College Park	85338-202464207	93.242	Mental Health Research Grants	7,730	-
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	SFC-021199	93.242	Mental Health Research Grants	45,087	-
National Institutes of Health	Pass-Through	University of Vermont	34-5507-2036-001	93.242	Mental Health Research Grants	59,559	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	343375U853040	93.242	Mental Health Research Grants	31,811	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 MH102246-01A1	93.242	Mental Health Research Grants	141,917	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R21 MH109225-01a	93.242	Mental Health Research Grants	(122)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R24 MH109105-01a	93.242	Mental Health Research Grants	(10,114)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01MH121620-01	93.242	Mental Health Research Grants	2,385	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4R01MH100030-04	93.242	Mental Health Research Grants	4	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	MH107435-VUMC	93.242	Mental Health Research Grants	(1,954)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	MH11187-VUMC/01 603	93.242	Mental Health Research Grants	69,763	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 MH113362-01 VUMC	93.242	Mental Health Research Grants	42,040	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 1R21MH111556	93.242	Mental Health Research Grants	80,048	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 60283	93.242	Mental Health Research Grants	(1,530)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64353	93.242	Mental Health Research Grants	25,344	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC71060 UNIV00833	93.242	Mental Health Research Grants	38,139	-
						<u>9,086,620</u>	<u>143,351</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Substance Abuse and Mental Health Services Administration	Direct		1 H79 SP021246-01	93.243	Substance Abuse and Mental Health Services, Projects of Regional and National Significance	361,142	195,392
Health Resources and Services Administration	Direct		1T14HP33119-01-00	93.247	Advanced Nursing Education Grant Program	244,166	-
Health Resources and Services Administration	Direct		1T94HP32909-01-00	93.247	Advanced Nursing Education Grant Program	547,478	-
Health Resources and Services Administration	Direct		1T96HP32512	93.247	Advanced Nursing Education Grant Program	444,829	-
						1,236,473	-
National Institutes of Health	Direct		1 F30 AA027418-01A1	93.273	Alcohol Research Programs	22,297	-
National Institutes of Health	Direct		1F30AA27126	93.273	Alcohol Research Programs	29,751	-
National Institutes of Health	Direct		1K99AA027774-01A1	93.273	Alcohol Research Programs	6,095	-
National Institutes of Health	Direct		1K99AA027806-01A1	93.273	Alcohol Research Programs	6,397	-
National Institutes of Health	Direct		5R37AA19455-07/J0	93.273	Alcohol Research Programs	438,913	-
National Institutes of Health	Direct		F32AA027409	93.273	Alcohol Research Programs	59,467	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC AA026186	93.273	Alcohol Research Programs	18,754	-
						581,674	-
National Institutes of Health	Direct		1 F3 0DA040343-01A1	93.279	Drug Abuse and Addiction Research Programs	(6,917)	-
National Institutes of Health	Direct		1DP1DA048931-01	93.279	Drug Abuse and Addiction Research Programs	136,550	-
National Institutes of Health	Direct		1F30DA042501-01/04	93.279	Drug Abuse and Addiction Research Programs	50,166	-
National Institutes of Health	Direct		1F31DA050410-01	93.279	Drug Abuse and Addiction Research Programs	2,110	-
National Institutes of Health	Direct		1F32DA047777	93.279	Drug Abuse and Addiction Research Programs	57,501	-
National Institutes of Health	Direct		1K99DA042129-01	93.279	Drug Abuse and Addiction Research Programs	1,676	-
National Institutes of Health	Direct		1R01DA042475-01	93.279	Drug Abuse and Addiction Research Programs	373,290	-
National Institutes of Health	Direct		1R01DA046138-01A1	93.279	Drug Abuse and Addiction Research Programs	149,080	-
National Institutes of Health	Direct		1R21DA043680-01	93.279	Drug Abuse and Addiction Research Programs	25,134	-
National Institutes of Health	Direct		1R41DA051294	93.279	Drug Abuse and Addiction Research Programs	2,084	-
National Institutes of Health	Direct		6R02DA044513	93.279	Drug Abuse and Addiction Research Programs	204,271	-
National Institutes of Health	Direct		DA042111	93.279	Drug Abuse and Addiction Research Programs	291,492	-
National Institutes of Health	Pass-Through	Base Pair Biotechnologies, Inc	1R44DA047866-01/Univ 60987	93.279	Drug Abuse and Addiction Research Programs	79,632	-
National Institutes of Health	Pass-Through	Base Pair Biotechnologies, Inc	BASEPAIR - 1R44DA047866	93.279	Drug Abuse and Addiction Research Programs	(7,241)	-
National Institutes of Health	Pass-Through	University of California Irvine	UCI 2017-3476	93.279	Drug Abuse and Addiction Research Programs	42,337	-
National Institutes of Health	Pass-Through	University of Chicago	UNOHCAGO P063901-01-PR	93.279	Drug Abuse and Addiction Research Programs	19,500	-
						1,420,665	-
National Institutes of Health	Direct		1F31EB026928	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	29,234	-
National Institutes of Health	Direct		1R01EB019409 01/04	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	90,733	-
National Institutes of Health	Direct		1R01EB019980	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	265,824	38,004
National Institutes of Health	Direct		1R01EB023717	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	429,761	100,099
National Institutes of Health	Direct		1R01EB026901-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	562,569	57,049
National Institutes of Health	Direct		1R01EB027498-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	206,804	-
National Institutes of Health	Direct		1R01EB028105-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	249,585	-
National Institutes of Health	Direct		1R01EB028101-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	179,281	-
National Institutes of Health	Direct		1R01EB028690-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	144,214	-
National Institutes of Health	Direct		1R21EB022380-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	(32,312)	-
National Institutes of Health	Direct		1R21EB024199-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	144,449	10,576
National Institutes of Health	Direct		1R21EB024311-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	224,942	-
National Institutes of Health	Direct		1R21EB027881-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	23,056	-
National Institutes of Health	Direct		1R03EB020040 1-4	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	240,843	-
National Institutes of Health	Direct		1T32EB021937-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	223,910	-
National Institutes of Health	Direct		2R01EB014308-05A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	564,033	149,976
National Institutes of Health	Direct		2R01EB016695-05	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	563,103	104,614
National Institutes of Health	Direct		R01 EB01 7230 YR 1-4	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	235,597	-
National Institutes of Health	Direct		1R01 EB017467 01/04	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	(150)	-
National Institutes of Health	Direct		1R21EB015623-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	(1,842)	-
National Institutes of Health	Pass-Through	Cornell University	CORNELL 1R21EB022927	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	5,629	-
National Institutes of Health	Pass-Through	Endo Thera, Inc	1R41EB028229	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	30,862	-
National Institutes of Health	Pass-Through	University of California Berkeley	9722	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	40,496	-
National Institutes of Health	Pass-Through	University of Illinois at Urbana-Champaign	1R01EB028615-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	183,779	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5108995	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	225,122	9,808
National Institutes of Health	Pass-Through	University of Tennessee Space Institute	UTSI 1R15EB027449	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	4,888	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center		93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	13,241	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center		93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	96,493	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U18EB029351-01 REVISED	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	(2,552)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 67017	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	16,011	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 73877	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health		-
						4,957,603	470,126
National Institutes of Health	Pass-Through	Meharry Medical College	17406MFL060	93.307	Minority Health and Health Disparities Research	29,575	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CENTER OF EXCELLENCE	93.307	Minority Health and Health Disparities Research	237,757	-
						267,332	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1 DP2 GM114849-01	93.310	Trans-NIH Research Support	(33,906)	-
National Institutes of Health	Direct		1R03CA22452-01	93.310	Trans-NIH Research Support	24,413	-
National Institutes of Health	Direct		1U01CA235508-01	93.310	Trans-NIH Research Support	551,257	293,661
National Institutes of Health	Direct		1U54DK120058	93.310	Trans-NIH Research Support	906,546	238,187
National Institutes of Health	Direct		2DP7DK018423-02S18,03	93.310	Trans-NIH Research Support	58,925	-
National Institutes of Health	Pass-Through	Case Western Reserve University	07200025307-01	93.310	Trans-NIH Research Support	300,006	-
National Institutes of Health	Pass-Through	University of California San Francisco	116033c	93.310	Trans-NIH Research Support	49,170	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1UH2CA203708-01	93.310	Trans-NIH Research Support	(70)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 301016H007674-04	93.310	Trans-NIH Research Support	16,503	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 68757	93.310	Trans-NIH Research Support	68,350	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 71727	93.310	Trans-NIH Research Support	17,994	-
						<u>1,959,228</u>	<u>531,848</u>
Centers for Disease Control	Pass-Through	TN Department of Health	34349-92919	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	79,110	-
						<u>79,110</u>	<u>-</u>
National Institutes of Health	Direct		1U01TR002383-01	93.350	National Center for Advancing Translational Sciences	1,750,652	1,073,980
National Institutes of Health	Direct		3UH3TR000491-04S2	93.350	National Center for Advancing Translational Sciences	(7,196)	-
National Institutes of Health	Direct		4UH3TR002097-03	93.350	National Center for Advancing Translational Sciences	1,099,341	254,606
National Institutes of Health	Direct		UG3TR002097-01	93.350	National Center for Advancing Translational Sciences	165,408	151,133
National Institutes of Health	Pass-Through	Boston University	U01TR002625	93.350	National Center for Advancing Translational Sciences	22,185	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U24 TR001579-01	93.350	National Center for Advancing Translational Sciences	3,302	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	3U24TR001579-01S1	93.350	National Center for Advancing Translational Sciences	30,135	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	TR002243 VUMC 59661	93.350	National Center for Advancing Translational Sciences	152,077	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC71360	93.350	National Center for Advancing Translational Sciences	4,879	-
						<u>3,220,783</u>	<u>1,479,719</u>
National Institutes of Health	Direct		1 R25 OD021883-01	93.351	Research Infrastructure Programs	244,152	-
National Institutes of Health	Direct		1S1000025109-01A1	93.351	Research Infrastructure Programs	532,128	-
National Institutes of Health	Direct		1S1000025199-01	93.351	Research Infrastructure Programs	3,640	-
						<u>779,920</u>	<u>-</u>
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U2CCA233291	93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	356,159	-
						<u>356,159</u>	<u>-</u>
Health Resources and Services Administration	Direct		1 UD7HP0932-01-00	93.359	Nurse Education, Practice Quality and Retention Grants	488,884	362,528
						<u>488,884</u>	<u>362,528</u>
National Institutes of Health	Direct		5 R01 NR15353-02	93.361	Nursing Research	(256)	-
						<u>(256)</u>	<u>-</u>
National Institutes of Health	Direct		1 R01CA200709-01	93.393	Cancer Cause and Prevention Research	450,360	63,894
National Institutes of Health	Direct		1 R50 CA211206-01	93.393	Cancer Cause and Prevention Research	107,905	-
National Institutes of Health	Direct		1R01CA211305	93.393	Cancer Cause and Prevention Research	123,407	-
National Institutes of Health	Direct		1R01CA218315-01A1	93.393	Cancer Cause and Prevention Research	302,391	104,431
National Institutes of Health	Direct		1R01CA239161-01	93.393	Cancer Cause and Prevention Research	407,352	-
National Institutes of Health	Direct		1R01CA247833-01	93.393	Cancer Cause and Prevention Research	10,805	-
National Institutes of Health	Direct		1U01CA224276	93.393	Cancer Cause and Prevention Research	281,875	102,596
National Institutes of Health	Direct		2P01CA160032-21A	93.393	Cancer Cause and Prevention Research	(7,868)	-
National Institutes of Health	Direct		2P01CA160032-26A1	93.393	Cancer Cause and Prevention Research	1,177,705	428,003
National Institutes of Health	Direct		2R01CA164605	93.393	Cancer Cause and Prevention Research	425,949	34,044
National Institutes of Health	Direct		4 R01 CA118332-09	93.393	Cancer Cause and Prevention Research	103,901	46,305
National Institutes of Health	Direct		4R01CA055678-24	93.393	Cancer Cause and Prevention Research	395	395
National Institutes of Health	Direct		5 R01 CA087519-17	93.393	Cancer Cause and Prevention Research	343,542	-
National Institutes of Health	Direct		5 R01 CA102729-13	93.393	Cancer Cause and Prevention Research	46,632	-
National Institutes of Health	Direct		5 R01 CA141071-05	93.393	Cancer Cause and Prevention Research	(3,091)	-
National Institutes of Health	Direct		R01CA055678-13/17	93.393	Cancer Cause and Prevention Research	(395)	(395)
National Institutes of Health	Pass-Through	Lawrence Berkeley National Laboratory	2P01CA023584-16	93.393	Cancer Cause and Prevention Research	51,238	-
National Institutes of Health	Pass-Through	Thomas Jefferson University	2 R01CA207468	93.393	Cancer Cause and Prevention Research	101,212	-
National Institutes of Health	Pass-Through	Thomas Jefferson University	7 R01 CA160432-05	93.393	Cancer Cause and Prevention Research	(1,260)	-
National Institutes of Health	Pass-Through	University of Arizona	1 R01 CA174926-01A	93.393	Cancer Cause and Prevention Research	5,069	-
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16	93.393	Cancer Cause and Prevention Research	76,034	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University Schedule of Expenditures of Federal Awards Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16a	93.393	Cancer Cause and Prevention Research	55,412	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2P01CA116087-12	93.393	Cancer Cause and Prevention Research	120,554	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 CA188214-01-02	93.393	Cancer Cause and Prevention Research	17,060	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5P01CA028842	93.393	Cancer Cause and Prevention Research	2,934	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1 R01 CA190612-0	93.393	Cancer Cause and Prevention Research	46	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV59281/VUMCG1130	93.393	Cancer Cause and Prevention Research	14,532	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC/VU CA202981	93.393	Cancer Cause and Prevention Research	19,608	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC6780	93.393	Cancer Cause and Prevention Research	24,334	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC68022	93.393	Cancer Cause and Prevention Research	30,165	-
						<u>4,287,803</u>	<u>779,273</u>
National Institutes of Health	Direct		1 R01 CA186193-01	93.394	Cancer Detection and Diagnosis Research	417,752	99,237
National Institutes of Health	Direct		1R01CA212147-01A1	93.394	Cancer Detection and Diagnosis Research	468,017	165,737
National Institutes of Health	Direct		1R01CA162477-01/05	93.394	Cancer Detection and Diagnosis Research	(82,603)	-
National Institutes of Health	Pass-Through	Anasys Instruments	ANASYS INST/WH	93.394	Cancer Detection and Diagnosis Research	1,906	-
National Institutes of Health	Pass-Through	Morgridge Institute for Research	CAZ05101 SJB 17-1002	93.394	Cancer Detection and Diagnosis Research	(1,162)	-
National Institutes of Health	Pass-Through	University of Texas at Austin	7U01CA174706-TEXAS	93.394	Cancer Detection and Diagnosis Research	39,515	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 CA184693-01	93.394	Cancer Detection and Diagnosis Research	1,194	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U01CA186145-01-A1	93.394	Cancer Detection and Diagnosis Research	75,649	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMC	93.394	Cancer Detection and Diagnosis Research	17,597	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 70667	93.394	Cancer Detection and Diagnosis Research	15,278	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 80036	93.394	Cancer Detection and Diagnosis Research	120,935	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC69091	93.394	Cancer Detection and Diagnosis Research	23,592	-
						<u>1,097,670</u>	<u>264,974</u>
National Institutes of Health	Direct		1R01CA214043	93.395	Cancer Treatment Research	249,240	63,768
National Institutes of Health	Direct		1R01CA242491-01A1	93.395	Cancer Treatment Research	468,684	52,980
National Institutes of Health	Direct		1R01CA23853-01	93.395	Cancer Treatment Research	22,637	11,096
National Institutes of Health	Direct		1R01CA243326-01A1	93.395	Cancer Treatment Research	66,118	-
National Institutes of Health	Direct		1R37CA233770	93.395	Cancer Treatment Research	97,411	8,048
National Institutes of Health	Direct		2 R01 CA116021-11,12	93.395	Cancer Treatment Research	218,642	27,365
National Institutes of Health	Direct		2R01CA116013-16	93.395	Cancer Treatment Research	45,761	-
National Institutes of Health	Direct		5 R01 CA174887-02	93.395	Cancer Treatment Research	(41,300)	-
National Institutes of Health	Direct		7R01CA203991-02	93.395	Cancer Treatment Research	350,294	31,731
National Institutes of Health	Pass-Through	University of Miami	SPC-000908	93.395	Cancer Treatment Research	15,178	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GMO 190908 POW0000001594	93.395	Cancer Treatment Research	88,174	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC65321	93.395	Cancer Treatment Research	69,273	-
						<u>1,650,138</u>	<u>194,988</u>
National Institutes of Health	Direct		1 R21 CA178589-01A1	93.396	Cancer Biology Research	(2,126)	-
National Institutes of Health	Direct		1 R35 CA197571-01	93.396	Cancer Biology Research	972,880	-
National Institutes of Health	Direct		1P01CA229123-01A1	93.396	Cancer Biology Research	163,220	-
National Institutes of Health	Direct		1R01CA163499-01A1	93.396	Cancer Biology Research	(1,972)	(3,387)
National Institutes of Health	Direct		1R01CA206458-01	93.396	Cancer Biology Research	382,623	181,950
National Institutes of Health	Direct		1R01CA226833-01A1	93.396	Cancer Biology Research	517,082	39,856
National Institutes of Health	Direct		1R21CA227483-01A1	93.396	Cancer Biology Research	179,353	-
National Institutes of Health	Direct		1R50CA243783	93.396	Cancer Biology Research	127,278	-
National Institutes of Health	Direct		1U01CA202229-01	93.396	Cancer Biology Research	455,052	76,200
National Institutes of Health	Direct		1U01CA215845-01	93.396	Cancer Biology Research	534,704	81,418
National Institutes of Health	Direct		4 R01 CA164605-05	93.396	Cancer Biology Research	(65,378)	-
National Institutes of Health	Direct		4R00CA201304-03	93.396	Cancer Biology Research	268,536	-
National Institutes of Health	Direct		4R01CA034590-33	93.396	Cancer Biology Research	(7,078)	-
National Institutes of Health	Direct		4R01CA163553-05	93.396	Cancer Biology Research	248	-
National Institutes of Health	Direct		5 R01 CA178030-03	93.396	Cancer Biology Research	(77,850)	-
National Institutes of Health	Direct		5 R01 CA64140-22	93.396	Cancer Biology Research	30,160	-
National Institutes of Health	Direct		5 R01 CA34590-32	93.396	Cancer Biology Research	(965)	-
National Institutes of Health	Direct		5 R01 CA85492-15	93.396	Cancer Biology Research	(663)	-
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	144383	93.396	Cancer Biology Research	(39,433)	-
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	5U01CA215798	93.396	Cancer Biology Research	319,899	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	1 R35 CA220449	93.396	Cancer Biology Research	23,819	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U01 CA196405-01a	93.396	Cancer Biology Research	45,350	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01CA227833-01A1 -VUMC	93.396	Cancer Biology Research	89,376	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01CA235016-01A1	93.396	Cancer Biology Research	27,617	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19 CA179514-03	93.396	Cancer Biology Research	(16,801)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19 CA179514-03a	93.396	Cancer Biology Research	(2,286)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19 CA179514-03b	93.396	Cancer Biology Research	(1,564)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19CA179514-03	93.396	Cancer Biology Research	(3,686)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 5R01CA163563-03	93.396	Cancer Biology Research	(1,345)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	RD1CA249424-01	93.396	Cancer Biology Research	14,956	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65678	93.396	Cancer Biology Research	12,114	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 73788	93.396	Cancer Biology Research	104,693	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 77087	93.396	Cancer Biology Research	32,240	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC70679	93.396	Cancer Biology Research	15,278	-
						<u>4,095,332</u>	<u>376,037</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1 US4 CA217450-01A1	93.397	Cancer Centers Support Grants	1,593,898	394,710
National Institutes of Health	Direct		5 US4 CA113007-10	93.397	Cancer Centers Support Grants	5,338	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2P50CA098111-17A1	93.397	Cancer Centers Support Grants	42,759	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA068485-2251 VUMC 61062	93.397	Cancer Centers Support Grants	233	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	PS0CA226733	93.397	Cancer Centers Support Grants	485,320	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVS8778	93.397	Cancer Centers Support Grants	1,127,402	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVS8822	93.397	Cancer Centers Support Grants	1,047	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 61062, VU 58983	93.397	Cancer Centers Support Grants	46,934	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 66483	93.397	Cancer Centers Support Grants	40,529	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMCS9466	93.397	Cancer Centers Support Grants	133,243	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMCS9916 CA068485-2153-23	93.397	Cancer Centers Support Grants	11,834	-
						3,488,537	394,710
National Institutes of Health	Direct		1 F30 CA229367-01A1	93.398	Cancer Research Manpower	15,472	-
National Institutes of Health	Direct		1F30CA16891 01/04	93.398	Cancer Research Manpower	16,751	-
National Institutes of Health	Direct		1F30CA224559-01	93.398	Cancer Research Manpower	29,703	-
National Institutes of Health	Direct		1F30CA228242-01	93.398	Cancer Research Manpower	29,809	-
National Institutes of Health	Direct		1F30CA236131	93.398	Cancer Research Manpower	26,411	-
National Institutes of Health	Direct		1F30CA236157	93.398	Cancer Research Manpower	25,515	-
National Institutes of Health	Direct		1F30CA247078-01	93.398	Cancer Research Manpower	10,835	-
National Institutes of Health	Direct		1F31CA213744-01	93.398	Cancer Research Manpower	200	-
National Institutes of Health	Direct		1F31CA220804-01	93.398	Cancer Research Manpower	29,325	-
National Institutes of Health	Direct		1F31CA221147-01	93.398	Cancer Research Manpower	29,607	-
National Institutes of Health	Direct		1F31CA225065	93.398	Cancer Research Manpower	29,627	-
National Institutes of Health	Direct		1F31CA229902	93.398	Cancer Research Manpower	10,547	-
National Institutes of Health	Direct		1F31CA243148-01	93.398	Cancer Research Manpower	20,680	-
National Institutes of Health	Direct		1F31CA243353	93.398	Cancer Research Manpower	14,674	-
National Institutes of Health	Direct		1F31CA247356	93.398	Cancer Research Manpower	24,610	-
National Institutes of Health	Direct		1F32CA213794-01A1	93.398	Cancer Research Manpower	(1,120)	-
National Institutes of Health	Direct		1F32CA217084-01	93.398	Cancer Research Manpower	23,077	-
National Institutes of Health	Direct		1F32CA250258-01	93.398	Cancer Research Manpower	16,070	-
National Institutes of Health	Direct		2T32CA009592-31	93.398	Cancer Research Manpower	286,275	10,466
National Institutes of Health	Direct		2T32CA119925-11-15	93.398	Cancer Research Manpower	385,137	-
National Institutes of Health	Direct		4 R00 CA178190-03	93.398	Cancer Research Manpower	(19,461)	-
National Institutes of Health	Direct		4T32CA009592-29	93.398	Cancer Research Manpower	(21,871)	-
National Institutes of Health	Direct		5 K22 CA184308-03	93.398	Cancer Research Manpower	(23,440)	-
National Institutes of Health	Direct		5 T32 CA09582-28	93.398	Cancer Research Manpower	283	-
National Institutes of Health	Direct		5 T32 CA119925-08	93.398	Cancer Research Manpower	(6,808)	-
National Institutes of Health	Direct		F31CA189710/PR1-3	93.398	Cancer Research Manpower	(56)	-
National Institutes of Health	Direct		F31CA232272	93.398	Cancer Research Manpower	27,709	-
National Institutes of Health	Direct		K00CA212447	93.398	Cancer Research Manpower	73,813	-
National Institutes of Health	Direct		T32CA009582-31-35	93.398	Cancer Research Manpower	399,885	-
National Institutes of Health	Pass-Through	Thomas Jefferson University	TJUCA189433	93.398	Cancer Research Manpower	(2,371)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R25 CA160056-04	93.398	Cancer Research Manpower	(124)	-
						1,450,784	10,466
Administration for Community Living	Pass-Through	Virginia Commonwealth University	FP00010584, SA001	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	29,941	-
Administration for Community Living	Pass-Through	Virginia Commonwealth University	FP00010656, SA002	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	48,340	-
National Institutes of Health	Direct		90FR0001-01-00	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	134,360	1,562
National Institutes of Health	Pass-Through	Murray State University	90FR096-01-01	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	7,672	-
						220,313	1,562
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R24 DK103067-04	93.447	2004: State Health Fraud Task Force Grants	40,855	-
						40,855	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01DK120821	93.547	National Health Service Corps	21,827	-
						21,827	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Administration for Community Living	Direct		90N0294-05-00 VRS	93.631	Developmental Disabilities Projects of National Significance	(2,065)	-
Administration for Children and Families	Pass-Through	Vanderbilt University Medical Center	9000807-03-00	93.632	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	(2,065)	-
Centers for Medicare and Medicaid Services	Pass-Through	Gramercy Research Group, LLC	VUMC 61273 PTN	93.638	ACA-Transforming Clinical Practice Initiative: Practice Transformation Networks (PTNs)	149,831	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 71027	93.638	ACA-Transforming Clinical Practice Initiative: Practice Transformation Networks (PTNs)	149,831	-
Health Resources and Services Administration	Direct		HRSA.M01HP31387	93.732	Mental and Behavioral Health Education and Training Grants	365	-
National Institutes of Health	Direct		1 F30 HL147464-01A1	93.837	Cardiovascular Diseases Research	9,116	-
National Institutes of Health	Direct		1 F31 HL136081-01	93.837	Cardiovascular Diseases Research	9,481	-
National Institutes of Health	Direct		1 F31 HL149168-01	93.837	Cardiovascular Diseases Research	132,582	-
National Institutes of Health	Direct		1F30HL150280	93.837	Cardiovascular Diseases Research	132,582	-
National Institutes of Health	Direct		1F30HL111179-02	93.837	Cardiovascular Diseases Research	12,365	-
National Institutes of Health	Direct		1F30HL145917	93.837	Cardiovascular Diseases Research	(3,030)	-
National Institutes of Health	Direct		1F30HL145919-01A1	93.837	Cardiovascular Diseases Research	18,402	-
National Institutes of Health	Direct		1F30HL151069 YR 1-5	93.837	Cardiovascular Diseases Research	260	-
National Institutes of Health	Direct		1F31HL149168-01	93.837	Cardiovascular Diseases Research	38,846	-
National Institutes of Health	Direct		1F31HL151115-01	93.837	Cardiovascular Diseases Research	29,705	-
National Institutes of Health	Direct		1F31HL151125-01	93.837	Cardiovascular Diseases Research	6,615	-
National Institutes of Health	Direct		1F32HL138745	93.837	Cardiovascular Diseases Research	2,110	-
National Institutes of Health	Direct		1R09HL146951-01	93.837	Cardiovascular Diseases Research	8,006	-
National Institutes of Health	Direct		1R01HL122347-01/04	93.837	Cardiovascular Diseases Research	18,617	-
National Institutes of Health	Direct		1R01HL151223-01	93.837	Cardiovascular Diseases Research	6,375	-
National Institutes of Health	Direct		1R25HL145330-01	93.837	Cardiovascular Diseases Research	60,337	-
National Institutes of Health	Direct		1T32HL144446	93.837	Cardiovascular Diseases Research	85,744	-
National Institutes of Health	Direct		5T32HL007411-37	93.837	Cardiovascular Diseases Research	517,061	43,727
National Institutes of Health	Direct		7R01HL127499-03	93.837	Cardiovascular Diseases Research	14,489	-
National Institutes of Health	Direct		IR01HL144131	93.837	Cardiovascular Diseases Research	57,750	7,916
National Institutes of Health	Pass-Through	Northwestern University	2R01HL122010-05	93.837	Cardiovascular Diseases Research	215,940	2,962
National Institutes of Health	Pass-Through	Northwestern University	5 R01 HL122010-02	93.837	Cardiovascular Diseases Research	303,273	496
National Institutes of Health	Pass-Through	University of Mississippi Medical Center	2R25HL126145-05	93.837	Cardiovascular Diseases Research	419,169	-
National Institutes of Health	Pass-Through	University of Virginia	7R01HL144131-02	93.837	Cardiovascular Diseases Research	108,110	106,408
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HL122847-01A1	93.837	Cardiovascular Diseases Research	587,518	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL18392-03	93.837	Cardiovascular Diseases Research	(267)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL118952-03	93.837	Cardiovascular Diseases Research	39,909	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5P01HL116263-05	93.837	Cardiovascular Diseases Research	130,440	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5R01HL122847-04	93.837	Cardiovascular Diseases Research	(14,649)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV SMITH	93.837	Cardiovascular Diseases Research	(23,557)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HHSN172101700071VUMC	93.837	Cardiovascular Diseases Research	(35,771)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HL133127-VUMC	93.837	Cardiovascular Diseases Research	24,556	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HL137166-VUMC 60817	93.837	Cardiovascular Diseases Research	5,238	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R00HL135442	93.837	Cardiovascular Diseases Research	(95)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 60278	93.837	Cardiovascular Diseases Research	23,369	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 63372	93.837	Cardiovascular Diseases Research	8,281	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65119	93.837	Cardiovascular Diseases Research	13,798	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 72007	93.837	Cardiovascular Diseases Research	24,074	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 75611	93.837	Cardiovascular Diseases Research	52,271	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				32,757	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				12,818	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				3,361	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				11,386	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				2,815,601	161,529
National Institutes of Health	Direct		1F30HL140756	93.838	Lung Diseases Research	29,569	-
National Institutes of Health	Direct		1F31HL142189	93.838	Lung Diseases Research	29,690	-
National Institutes of Health	Direct		1R35HL135790	93.838	Lung Diseases Research	690,574	-
National Institutes of Health	Pass-Through	National Jewish Health	20120201_Vanderbilt	93.838	Lung Diseases Research	43,001	-
National Institutes of Health	Pass-Through	National Jewish Health	NIH - 20120001	93.838	Lung Diseases Research	39,251	-
National Institutes of Health	Pass-Through	University of Pittsburgh	HL135144-UNIV OF PIT	93.838	Lung Diseases Research	57,597	-
National Institutes of Health	Pass-Through	University of Texas Medical Branch at Galveston	RD1HL145477	93.838	Lung Diseases Research	27,353	-
National Institutes of Health	Pass-Through	Virtuosso Surgical, Inc	1R41HL140709-01	93.838	Lung Diseases Research	710	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HL122417-01A1	93.838	Lung Diseases Research	3,465	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL11259-05	93.838	Lung Diseases Research	(3,692)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 HL095797	93.838	Lung Diseases Research	(8,778)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV	93.838	Lung Diseases Research	(2)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMCdb	93.838	Lung Diseases Research	61,225	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center				974,963	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1 F31 HL149340-01	93.839	Blood Diseases and Resources Research	18,681	-
National Institutes of Health	Direct		1F30HL143826	93.839	Blood Diseases and Resources Research	31,202	-
National Institutes of Health	Direct		1F31HL152529-01	93.839	Blood Diseases and Resources Research	4,220	-
						<u>54,103</u>	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	K12HL137943	93.840	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	162,422	-
						<u>162,422</u>	-
National Institutes of Health	Direct		1R01AR064772-01A1	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	442,650	206,035
National Institutes of Health	Direct		1R01AR072679-01A1	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	324,703	85,709
National Institutes of Health	Direct		1R21AR072510-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(8,511)	-
National Institutes of Health	Direct		1R21AR074589-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	77,655	-
National Institutes of Health	Direct		4 R01 AR51968-09	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(467)	-
National Institutes of Health	Direct		4R01AR064304-04	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(142)	-
National Institutes of Health	Direct		5T32AR059039	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	280,020	12,687
National Institutes of Health	Direct		5 R01 AR51968-09	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(3,517)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65991	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	27,452	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 67478	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	28,763	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 74537	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	23,692	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC63742	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(16,653)	-
						<u>1,175,245</u>	<u>304,431</u>
National Institutes of Health	Direct		1 F30 DK108476-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1	-
National Institutes of Health	Direct		1 R01 DK103831-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	301,213	1,411
National Institutes of Health	Direct		1 R01 DK106228-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	775,469	-
National Institutes of Health	Direct		1 R01 DK111949-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	462,304	-
National Institutes of Health	Direct		1 UC4 DK108120-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,995,474	921,879
National Institutes of Health	Direct		1F30DK11107-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	47,533	-
National Institutes of Health	Direct		1F30DK118774	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,566	-
National Institutes of Health	Direct		1F30DK118830-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,899	-
National Institutes of Health	Direct		1F30DK120114	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,156	-
National Institutes of Health	Direct		1F30DK120149	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,980	-
National Institutes of Health	Direct		1F30DK121438	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,583	-
National Institutes of Health	Direct		1F31DK108652-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(1,276)	-
National Institutes of Health	Direct		1F31DK109625-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(572)	-
National Institutes of Health	Direct		1F31DK117592-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,651	-
National Institutes of Health	Direct		1F31DK118855-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,373	-
National Institutes of Health	Direct		1F31DK120225	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,787	-
National Institutes of Health	Direct		1F31DK121550-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	8,440	-
National Institutes of Health	Direct		1F31DK122690-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	25,415	-
National Institutes of Health	Direct		1F31DK123692-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	28,826	-
National Institutes of Health	Direct		1F31DK123881-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	8,440	-
National Institutes of Health	Direct		1F31DK20214	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,078	-
National Institutes of Health	Direct		1F32DK109577-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(1,074)	-
National Institutes of Health	Direct		1F32DK117529	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(2,962)	-
National Institutes of Health	Direct		1F32DK120104	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	4,351	-
National Institutes of Health	Direct		1F32DK123879-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	17,398	-
National Institutes of Health	Direct		1R01DK018243-43	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	4	-
National Institutes of Health	Direct		1R01DK106476-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	259,108	-
National Institutes of Health	Direct		1R01DK109204-01/04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	31,385	-
National Institutes of Health	Direct		1R01DK117147	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	453,629	131,759
National Institutes of Health	Direct		1R01DK117158-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	344,510	-
National Institutes of Health	Direct		1R01DK119508	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	354,538	10,401
National Institutes of Health	Direct		1R25DK111862	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	96,594	35,849
National Institutes of Health	Direct		2 R01 DK097392-06A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	286,147	-
National Institutes of Health	Direct		2 R01 DK43748-22A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	218,120	-
National Institutes of Health	Direct		2R01DK018243-43A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	819,755	-
National Institutes of Health	Direct		2R01DK054902-16A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	272,336	47,661
National Institutes of Health	Direct		2R01DK090570-05A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	280,473	112,355
National Institutes of Health	Direct		2T32DK007563-31	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	539,711	749
National Institutes of Health	Direct		2T32DK101003-06	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	127,145	-
National Institutes of Health	Direct		2U2DK029937-16 thru 20	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,178,424	267,474
National Institutes of Health	Direct		4 R01 DK07302-04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(330)	-
National Institutes of Health	Direct		4R37DK050277-22	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	38,487	-
National Institutes of Health	Direct		5 F30 DK103438-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	18,784	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		5 R01 DK65949-13	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(3,596)	-
National Institutes of Health	Direct		5 R33 DK105149-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,977	-
National Institutes of Health	Direct		5 T32 DK07563-28	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	5,766	-
National Institutes of Health	Direct		7F32DK108598-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	18,845	-
National Institutes of Health	Direct		7R01 DK 111831	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	421,392	237,714
National Institutes of Health	Direct		7R01 DK097361	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(21,417)	-
National Institutes of Health	Direct		DK050203	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	313,295	130,011
National Institutes of Health	Direct		DK112630-MECHANISM O	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	43,897	-
National Institutes of Health	Direct		R01DK106348 1/5	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	269,778	-
National Institutes of Health	Direct		R01DK115620	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	329,068	-
National Institutes of Health	Direct		R01DK121520	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	545,834	-
National Institutes of Health	Direct		T32DK101003 YEAR 2	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	101,883	-
National Institutes of Health	Direct		1 DP3 DK097706-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(21,560)	-
National Institutes of Health	Direct		5 R01 DK50203-18	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(11)	-
National Institutes of Health	Pass-Through	Augusta University	32307-56	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	34,105	-
National Institutes of Health	Pass-Through	Augusta University	35235-8	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	10,381	-
National Institutes of Health	Pass-Through	Augusta University	DK076169-11	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	191	-
National Institutes of Health	Pass-Through	Beth Israel Deaconess Medical Center	1061529	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	3,531	-
National Institutes of Health	Pass-Through	Indiana University	IN4684797VU	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	115,515	-
National Institutes of Health	Pass-Through	University of California Santa Barbara	DK101088	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	4	-
National Institutes of Health	Pass-Through	University of Cincinnati	7R01DK106364	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	59,924	-
National Institutes of Health	Pass-Through	University of Illinois at Chicago	17584	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	15,512	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GMO 201024 P0#000001887	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	49,956	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK108968-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	14,373	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK109102-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	17,629	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R24 DK106755-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	2,454	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U01 DK123716-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	12,205	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2R01DK121332	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	14,338	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2R01DK105550-07	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	10,722	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5U01 DK120456-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	4,068	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV59419/VUMC61547	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	19,528	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV59419/VUMC61547	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	524	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1 UCA DK104211-0	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(65)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: R24 DK106755	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	10,203	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DORC	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(3,311)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DK106755-01/VUMC	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	303,191	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DK106755-VUMC 60122	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	222,596	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	P30DK092986	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	968	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	SUBCONTRACT 64675	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(14,268)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58606/VUMCS9745	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	12,930	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58624	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	135,071	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58790	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	26,352	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV59245/UCAOK11223	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	18,014	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59326	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	911	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59472	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	437,057	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 66040	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	17,265	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 66384	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	76,152	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 66391	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	80,207	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 76112	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	28,459	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 77479	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	26,870	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC75425	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	84,653	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC78181	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	14,717	-
National Institutes of Health	Pass-Through	Washington University in St. Louis	4282700173	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	23,132	-
						<u>12,545,096</u>	<u>1,897,263</u>
National Institutes of Health	Direct		01NS095291 YR 9-12	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	196,597	17,844
National Institutes of Health	Direct		1 F31 NS113510-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	6,330	-
National Institutes of Health	Direct		1 R01 NS095989-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	481,016	248,224
National Institutes of Health	Direct		1 R01 NS096899-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	433,444	-
National Institutes of Health	Direct		1 R01 NS097898-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	379,445	9,803
National Institutes of Health	Direct		1 UG3 NS116218-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	731,829	207,986
National Institutes of Health	Direct		1F31NS106735	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	27,238	-
National Institutes of Health	Direct		1F31NS108556-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	26,589	-
National Institutes of Health	Direct		1F31NS113494	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	30,519	-
National Institutes of Health	Direct		1K99NS110878	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	72,388	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R01NS096238-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	328,122	14,964
National Institutes of Health	Direct		1R01NS102385	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	300,060	-
National Institutes of Health	Direct		1R01NS104497	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	460,345	111,395
National Institutes of Health	Direct		1R01NS106951-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	404,293	99,488
National Institutes of Health	Direct		1R01NS107456	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	503,102	263,171
National Institutes of Health	Direct		1R01NS110665-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	20,152	-
National Institutes of Health	Direct		1R01NS111749	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	448,321	149,010
National Institutes of Health	Direct		1R01NS113559-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	27,538	-
National Institutes of Health	Direct		1R21NS106510-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	201,303	21,836
National Institutes of Health	Direct		1R21NS109521	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	257,317	90,889
National Institutes of Health	Direct		1R21NS116257-1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	11,637	-
National Institutes of Health	Direct		1R21NS117160-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	23,076	-
National Institutes of Health	Direct		1R56NS087249-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(279)	-
National Institutes of Health	Direct		1R56NS094651-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(37,294)	11,086
National Institutes of Health	Direct		2R01NS016446-34	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	42,613	-
National Institutes of Health	Direct		2R01NS09251-06/12	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	371,347	125,772
National Institutes of Health	Direct		4 R01 NS079611-04	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(18,824)	-
National Institutes of Health	Direct		4 R01 NS78291-05	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	4	-
National Institutes of Health	Direct		4 R33 NS109521-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	153,375	29,559
National Institutes of Health	Direct		4R37NS011373-24	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	339,601	-
National Institutes of Health	Direct		5 R37 NS11373	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(1,633)	(1,279)
National Institutes of Health	Direct		7R01NS094456	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	561,372	193,057
National Institutes of Health	Direct		8K00DA048436	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	70,757	-
National Institutes of Health	Direct		2R01NS098639-05/08	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(89,188)	-
National Institutes of Health	Pass-Through	Children's Hospital of Philadelphia	CHOP_3201870620	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	95,435	-
National Institutes of Health	Pass-Through	Dignity Health	7R01NS07821-05	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	23,197	-
National Institutes of Health	Pass-Through	Emory University	UNIV/EMORY	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	89,469	-
National Institutes of Health	Pass-Through	Ohio State University	1 R21 NS098362-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(21,934)	-
National Institutes of Health	Pass-Through	Tennessee State University	R25NS091004/TSU	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	5,437	-
National Institutes of Health	Pass-Through	University of Chicago	1R21NS108505-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	104,757	-
National Institutes of Health	Pass-Through	University of Kansas	ETR-1/CEFI IN NEURO	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	7,848	-
National Institutes of Health	Pass-Through	University of Louisville	ULRF 17-1118-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	15,265	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 MH102266-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	24,397	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 NS75270-03	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(16,056)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 NS93669-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	319,075	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R01NS112252-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	217,981	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5R01NS108445-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	894	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5T32NS007491-18	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	34,359	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	75285	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	48,804	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV59643	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	3,382	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV59690	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	9,417	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA:UNIV59805	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	8,658	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59542	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	20,217	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 6686	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	16,250	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 69141	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	38,104	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 69232	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	107,223	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 69235	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	21,437	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 72234	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	20,237	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMCS834 T32NS00749	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(1,600)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMCG0466 UNIV58597	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	26,288	-
National Institutes of Health	Pass-Through	Yale University	UNIV59887	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	359,076	-
						8,340,129	1,592,805
National Institutes of Health	Direct		1 F31 AI143244-01A1	93.855	Allergy and Infectious Diseases Research	27,298	-
National Institutes of Health	Direct		1 R01 AI108778-01A1	93.855	Allergy and Infectious Diseases Research	173,725	-
National Institutes of Health	Direct		1 T32 AI138932-01A1	93.855	Allergy and Infectious Diseases Research	166,860	-
National Institutes of Health	Direct		1F30AI138424-01	93.855	Allergy and Infectious Diseases Research	20,464	-
National Institutes of Health	Direct		1F31AI133926-01	93.855	Allergy and Infectious Diseases Research	282	-
National Institutes of Health	Direct		1F31AI133952	93.855	Allergy and Infectious Diseases Research	11,210	-
National Institutes of Health	Direct		1F31AI133970	93.855	Allergy and Infectious Diseases Research	4,064	-
National Institutes of Health	Direct		1F31AI143152-01	93.855	Allergy and Infectious Diseases Research	14,868	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1F31A145189	93.855	Allergy and Infectious Diseases Research	25,230	-
National Institutes of Health	Direct		1F31A152332	93.855	Allergy and Infectious Diseases Research	8,440	-
National Institutes of Health	Direct		1F32A1140557	93.855	Allergy and Infectious Diseases Research	59,003	-
National Institutes of Health	Direct		1F32A1140694-01A1	93.855	Allergy and Infectious Diseases Research	57,330	-
National Institutes of Health	Direct		1R01A1127422-02	93.855	Allergy and Infectious Diseases Research	194,908	-
National Institutes of Health	Direct		1R01A112581-01	93.855	Allergy and Infectious Diseases Research	367,192	-
National Institutes of Health	Direct		1R01A1136301-01A1	93.855	Allergy and Infectious Diseases Research	683,551	467,285
National Institutes of Health	Direct		1R01A1140400-01A1	93.855	Allergy and Infectious Diseases Research	424,346	-
National Institutes of Health	Direct		1R01A1143725-01A1	93.855	Allergy and Infectious Diseases Research	108,533	-
National Institutes of Health	Direct		1R21A1113960-01A1	93.855	Allergy and Infectious Diseases Research	28	-
National Institutes of Health	Direct		1R21A1138157-01	93.855	Allergy and Infectious Diseases Research	161,456	-
National Institutes of Health	Direct		1R21A1150828	93.855	Allergy and Infectious Diseases Research	92,663	-
National Institutes of Health	Direct		1R21A1121799-01A1	93.855	Allergy and Infectious Diseases Research	(2,039)	-
National Institutes of Health	Direct		1R56A1127693	93.855	Allergy and Infectious Diseases Research	151,958	-
National Institutes of Health	Direct		2T32A1122541	93.855	Allergy and Infectious Diseases Research	13,673	-
National Institutes of Health	Direct		5T32A1122541-02	93.855	Allergy and Infectious Diseases Research	259,759	4,860
National Institutes of Health	Direct		7F30A1122610-04	93.855	Allergy and Infectious Diseases Research	49,093	-
National Institutes of Health	Direct		A1311780-YEAR 01/03	93.855	Allergy and Infectious Diseases Research	42,835	-
National Institutes of Health	Direct		F31A1136255	93.855	Allergy and Infectious Diseases Research	23,509	-
National Institutes of Health	Direct		GR4RPEL-1F30A129229	93.855	Allergy and Infectious Diseases Research	42,584	-
National Institutes of Health	Direct		R21A1121626-01A1	93.855	Allergy and Infectious Diseases Research	(3,931)	-
National Institutes of Health	Direct		R21A1133522	93.855	Allergy and Infectious Diseases Research	113,413	-
National Institutes of Health	Direct		1R01A1110643 01/04	93.855	Allergy and Infectious Diseases Research	64	-
National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	R56A1138489	93.855	Allergy and Infectious Diseases Research	(2,874)	-
National Institutes of Health	Pass-Through	Georgia State University	R01A1127793	93.855	Allergy and Infectious Diseases Research	61,749	-
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	5 R01 AI120748-02	93.855	Allergy and Infectious Diseases Research	67,630	-
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	UNVW44107	93.855	Allergy and Infectious Diseases Research	65,250	-
National Institutes of Health	Pass-Through	PragmaDX, Inc.	PragmaDX - 1	93.855	Allergy and Infectious Diseases Research	43,144	-
National Institutes of Health	Pass-Through	University of California San Francisco	R01 AI106987	93.855	Allergy and Infectious Diseases Research	(264)	-
National Institutes of Health	Pass-Through	University of Cape Town (South Africa)	A110230 UNVW OF CAPE	93.855	Allergy and Infectious Diseases Research	(146)	-
National Institutes of Health	Pass-Through	University of Idaho	R01A084918	93.855	Allergy and Infectious Diseases Research	70,004	-
National Institutes of Health	Pass-Through	University of Texas Medical Branch at Galveston	19-84547	93.855	Allergy and Infectious Diseases Research	320,834	-
National Institutes of Health	Pass-Through	University of Virginia	5U01A1125056	93.855	Allergy and Infectious Diseases Research	89,209	-
National Institutes of Health	Pass-Through	Virginia Commonwealth University	VU	93.855	Allergy and Infectious Diseases Research	(824)	-
National Institutes of Health	Pass-Through	Virtici LLC	A1149906	93.855	Allergy and Infectious Diseases Research	28,813	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 P90A1105277-01A1a	93.855	Allergy and Infectious Diseases Research	15,579	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U01A1107301-01	93.855	Allergy and Infectious Diseases Research	58,690	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U19A1117905 VUMC600	93.855	Allergy and Infectious Diseases Research	(99)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U19A1142764	93.855	Allergy and Infectious Diseases Research	26,438	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 AI148848-14	93.855	Allergy and Infectious Diseases Research	6,389	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	A005755- VUMC 61671	93.855	Allergy and Infectious Diseases Research	3,386	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	A101171	93.855	Allergy and Infectious Diseases Research	117,497	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	A121549/58532	93.855	Allergy and Infectious Diseases Research	(6,199)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	A121456-VUMC	93.855	Allergy and Infectious Diseases Research	15,172	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 A095755	93.855	Allergy and Infectious Diseases Research	17,200	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01A1138581	93.855	Allergy and Infectious Diseases Research	327,956	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01A1149722	93.855	Allergy and Infectious Diseases Research	25,444	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01A119657-16	93.855	Allergy and Infectious Diseases Research	3,608	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	U19A117905 VUMC6003	93.855	Allergy and Infectious Diseases Research	451,231	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59334 UNVW 58747	93.855	Allergy and Infectious Diseases Research	(586)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65092	93.855	Allergy and Infectious Diseases Research	(472)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65638	93.855	Allergy and Infectious Diseases Research	(2,322)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC63571 UNVW59819	93.855	Allergy and Infectious Diseases Research	5,610	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC67001	93.855	Allergy and Infectious Diseases Research	34,592	-
						5,133,998	472,145
National Institutes of Health	Direct		1 R01 GM109955-01A1	93.859	Biomedical Research and Research Training	(20,631)	-
National Institutes of Health	Direct		1 R01 GM115892-01	93.859	Biomedical Research and Research Training	304,576	-
National Institutes of Health	Direct		1 R01 GM117899-01	93.859	Biomedical Research and Research Training	219,741	-
National Institutes of Health	Direct		1 R01 GM118491-01	93.859	Biomedical Research and Research Training	330,567	-
National Institutes of Health	Direct		1 R01 GM120569-01	93.859	Biomedical Research and Research Training	259,320	-
National Institutes of Health	Direct		1 R01 GM128087-01A1	93.859	Biomedical Research and Research Training	202,477	-
National Institutes of Health	Direct		1 R01 HD097772-01A1	93.859	Biomedical Research and Research Training	383,995	-
National Institutes of Health	Direct		1 R35 GM118089-01	93.859	Biomedical Research and Research Training	385,369	-
National Institutes of Health	Direct		1 R35 GM119552-01	93.859	Biomedical Research and Research Training	609,640	-
National Institutes of Health	Direct		1 R35 GM119569-01	93.859	Biomedical Research and Research Training	413,630	-
National Institutes of Health	Direct		1F31GM125444-01	93.859	Biomedical Research and Research Training	1,987	-
National Institutes of Health	Direct		1F31GM128334	93.859	Biomedical Research and Research Training	29,366	-
National Institutes of Health	Direct		1F31GM131581-01	93.859	Biomedical Research and Research Training	29,360	-
National Institutes of Health	Direct		1F31GM134570-01	93.859	Biomedical Research and Research Training	43,644	-
National Institutes of Health	Direct		1F32GM128201	93.859	Biomedical Research and Research Training	37,220	-
National Institutes of Health	Direct		1F32GM128344-01	93.859	Biomedical Research and Research Training	54,840	-
National Institutes of Health	Direct		1F32GM136096-01	93.859	Biomedical Research and Research Training	25,048	-
National Institutes of Health	Direct		1F32GM136179-01	93.859	Biomedical Research and Research Training	32,242	-
National Institutes of Health	Direct		1R01 GM117650-1/4	93.859	Biomedical Research and Research Training	186,649	-
National Institutes of Health	Direct		1R01GM115722	93.859	Biomedical Research and Research Training	54,250	-
National Institutes of Health	Direct		1R01GM117916-01	93.859	Biomedical Research and Research Training	336,130	3,860
National Institutes of Health	Direct		1R01GM118412	93.859	Biomedical Research and Research Training	449,204	64,931
National Institutes of Health	Direct		1R01GM121629-01	93.859	Biomedical Research and Research Training	(1,211)	-
National Institutes of Health	Direct		1R01GM123260-01	93.859	Biomedical Research and Research Training	228,897	-
National Institutes of Health	Direct		1R01GM123292-01	93.859	Biomedical Research and Research Training	256,694	-
National Institutes of Health	Direct		1R01GM124404-01	93.859	Biomedical Research and Research Training	386,331	-
National Institutes of Health	Direct		1R01GM126363-01	93.859	Biomedical Research and Research Training	303,234	-
National Institutes of Health	Direct		1R01GM128192-01	93.859	Biomedical Research and Research Training	312,145	215,625
National Institutes of Health	Direct		1R01GM128336-01	93.859	Biomedical Research and Research Training	315,662	-
National Institutes of Health	Direct		1R01GM130130	93.859	Biomedical Research and Research Training	570,885	-
National Institutes of Health	Direct		1R01GM131071-01A1	93.859	Biomedical Research and Research Training	180,383	-
National Institutes of Health	Direct		1R01GM131178-01	93.859	Biomedical Research and Research Training	221,410	21,918
National Institutes of Health	Direct		1R01GM134548-01A	93.859	Biomedical Research and Research Training	55,181	-
National Institutes of Health	Direct		1R01GM137395-01	93.859	Biomedical Research and Research Training	41,603	-
National Institutes of Health	Direct		1R01A113953	93.859	Biomedical Research and Research Training	697,741	29,823
National Institutes of Health	Direct		1R35GM122491-01	93.859	Biomedical Research and Research Training	913,530	-
National Institutes of Health	Direct		1R35GM122516-01	93.859	Biomedical Research and Research Training	548,897	-
National Institutes of Health	Direct		1R35GM125028-01	93.859	Biomedical Research and Research Training	529,673	-
National Institutes of Health	Direct		1R35GM127087-01	93.859	Biomedical Research and Research Training	269,085	-
National Institutes of Health	Direct		1R35GM127098	93.859	Biomedical Research and Research Training	374,311	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R35GM128650-01	93.859	Biomedical Research and Research Training	334,248	-
National Institutes of Health	Direct		1R35GM128696-01	93.859	Biomedical Research and Research Training	566,738	-
National Institutes of Health	Direct		1R35GM128915	93.859	Biomedical Research and Research Training	536,725	-
National Institutes of Health	Direct		1R35GM131799	93.859	Biomedical Research and Research Training	797,874	-
National Institutes of Health	Direct		1R35GM133552-01	93.859	Biomedical Research and Research Training	168,279	-
National Institutes of Health	Direct		1R35GM133602	93.859	Biomedical Research and Research Training	188,546	-
National Institutes of Health	Direct		1R35GM135601-01	93.859	Biomedical Research and Research Training	15,062	-
National Institutes of Health	Direct		1R35GM138007-01	93.859	Biomedical Research and Research Training	1,052	-
National Institutes of Health	Direct		1R01GM117299-01	93.859	Biomedical Research and Research Training	172,582	-
National Institutes of Health	Direct		1T34GM136451-01	93.859	Biomedical Research and Research Training	31,910	-
National Institutes of Health	Direct		2 P41 GM103391-06	93.859	Biomedical Research and Research Training	1,890,416	-
National Institutes of Health	Direct		2 R01 GM067871-14	93.859	Biomedical Research and Research Training	212,087	41,338
National Institutes of Health	Direct		2 R01 GM101035-05	93.859	Biomedical Research and Research Training	(3,912)	-
National Institutes of Health	Direct		2 R01 GM77659-09A1	93.859	Biomedical Research and Research Training	(11,719)	-
National Institutes of Health	Direct		2R01DX09511-05A1	93.859	Biomedical Research and Research Training	466,727	145,646
National Institutes of Health	Direct		2R01GM063557-13	93.859	Biomedical Research and Research Training	498,476	-
National Institutes of Health	Direct		2R01GM067871-17	93.859	Biomedical Research and Research Training	167,703	-
National Institutes of Health	Direct		2R01GM07902-13A1	93.859	Biomedical Research and Research Training	293,850	-
National Institutes of Health	Direct		2R01GM076592-10 THUR 13	93.859	Biomedical Research and Research Training	451,239	36,223
National Institutes of Health	Direct		2R01GM077659-13	93.859	Biomedical Research and Research Training	19,296	-
National Institutes of Health	Direct		2R01GM080403-06A1	93.859	Biomedical Research and Research Training	310,734	-
National Institutes of Health	Direct		2R01GM106720	93.859	Biomedical Research and Research Training	(1,723)	-
National Institutes of Health	Direct		2R01GM107434	93.859	Biomedical Research and Research Training	307,863	-
National Institutes of Health	Direct		2R01GM116616-05	93.859	Biomedical Research and Research Training	357,751	28,337
National Institutes of Health	Direct		2R01GM118122-20	93.859	Biomedical Research and Research Training	42,432	-
National Institutes of Health	Direct		2T32GM007247-41	93.859	Biomedical Research and Research Training	90,381	-
National Institutes of Health	Direct		2T32GM007638-41-45	93.859	Biomedical Research and Research Training	407,731	-
National Institutes of Health	Direct		2T32GM008320	93.859	Biomedical Research and Research Training	438,568	-
National Institutes of Health	Direct		2T32GM065086-16-20	93.859	Biomedical Research and Research Training	445,419	-
National Institutes of Health	Direct		2T32GM080178-11	93.859	Biomedical Research and Research Training	218,130	-
National Institutes of Health	Direct		4 R01 GM030910-33	93.859	Biomedical Research and Research Training	(13,893)	-
National Institutes of Health	Direct		4 R37 GM512129-23	93.859	Biomedical Research and Research Training	448,607	-
National Institutes of Health	Direct		4R00GM104151-03	93.859	Biomedical Research and Research Training	(3,454)	-
National Institutes of Health	Direct		4R01GM107978-04	93.859	Biomedical Research and Research Training	(12,815)	-
National Institutes of Health	Direct		4R25GM107754-04	93.859	Biomedical Research and Research Training	21,389	21,061
National Institutes of Health	Direct		4R37GM067152-18	93.859	Biomedical Research and Research Training	155,874	-
National Institutes of Health	Direct		5 R00 GM101077-05	93.859	Biomedical Research and Research Training	(8,197)	-
National Institutes of Health	Direct		5 R01 GM112899-03	93.859	Biomedical Research and Research Training	(20,348)	-
National Institutes of Health	Direct		5 R01 GM116616-02	93.859	Biomedical Research and Research Training	55,658	-
National Institutes of Health	Direct		5 R01 GM78373-08	93.859	Biomedical Research and Research Training	(763)	-
National Institutes of Health	Direct		5R25GM062459-14-18	93.859	Biomedical Research and Research Training	725,062	-
National Institutes of Health	Direct		5T32GM007347-38	93.859	Biomedical Research and Research Training	1,214,619	-
National Institutes of Health	Direct		5T32GM08320	93.859	Biomedical Research and Research Training	33,570	-
National Institutes of Health	Direct		5T32GM08554-22	93.859	Biomedical Research and Research Training	375,518	-
National Institutes of Health	Direct		7R01GM117191-03	93.859	Biomedical Research and Research Training	302,019	-
National Institutes of Health	Direct		9 R01 GM118122-16	93.859	Biomedical Research and Research Training	506,662	-
National Institutes of Health	Direct		R01GM092218 YRM-7	93.859	Biomedical Research and Research Training	11,746	-
National Institutes of Health	Direct		R01GM107978-05	93.859	Biomedical Research and Research Training	273,787	-
National Institutes of Health	Direct		R01GM118452-01	93.859	Biomedical Research and Research Training	230,356	-
National Institutes of Health	Direct		R35GM119525-01	93.859	Biomedical Research and Research Training	456,750	-
National Institutes of Health	Direct		R35GM113743	93.859	Biomedical Research and Research Training	405,008	-
National Institutes of Health	Direct		RGM067152D	93.859	Biomedical Research and Research Training	161,977	-
National Institutes of Health	Direct		R01GM114250	93.859	Biomedical Research and Research Training	66,860	37,215
National Institutes of Health	Direct		5 R01 GM103937-03	93.859	Biomedical Research and Research Training	(1,904)	-
National Institutes of Health	Direct		5 R01 GM30910-12	93.859	Biomedical Research and Research Training	(1,407)	-
National Institutes of Health	Direct		5 R01 GM70902-12	93.859	Biomedical Research and Research Training	(115)	-
National Institutes of Health	Direct		5 R01 GM73883-09	93.859	Biomedical Research and Research Training	(3,827)	-
National Institutes of Health	Pass-Through	Brown University	1400	93.859	Biomedical Research and Research Training	9,575	-
National Institutes of Health	Pass-Through	Brown University	1R25GM114021-BROWN U	93.859	Biomedical Research and Research Training	(5,425)	-
National Institutes of Health	Pass-Through	Case Western Reserve University	RE513850	93.859	Biomedical Research and Research Training	105,541	-
National Institutes of Health	Pass-Through	Fisk University	2R25GM107754-06A1 - UNIV61142	93.859	Biomedical Research and Research Training	31,807	-
National Institutes of Health	Pass-Through	Indiana University	BL 4624936-VU	93.859	Biomedical Research and Research Training	89,511	-
National Institutes of Health	Pass-Through	Molecular Sensing, Inc.	GM0490456-MOLECULAR S	93.859	Biomedical Research and Research Training	(1,564)	-
National Institutes of Health	Pass-Through	Northern California Institute for Research and Education	2 R01 GM61906-13A1	93.859	Biomedical Research and Research Training	(9,392)	-
National Institutes of Health	Pass-Through	Northern California Institute for Research and Education	2R01GM061606-17	93.859	Biomedical Research and Research Training	228,760	-
National Institutes of Health	Pass-Through	Northern California Institute for Research and Education	NORTH CA-061606-155	93.859	Biomedical Research and Research Training	(28,282)	-
National Institutes of Health	Pass-Through	Stanford University	UNV 1R01GM111395-01	93.859	Biomedical Research and Research Training	23,557	-
National Institutes of Health	Pass-Through	State University of New York	5 R01 GM071461-09	93.859	Biomedical Research and Research Training	(10,253)	-
National Institutes of Health	Pass-Through	The Forsyth Institute	VU2555R01GM117174	93.859	Biomedical Research and Research Training	11,131	-
National Institutes of Health	Pass-Through	University of Arizona	UNV - UNIV OF AZ	93.859	Biomedical Research and Research Training	(21,279)	-
National Institutes of Health	Pass-Through	University of California Los Angeles	2120 G 19078	93.859	Biomedical Research and Research Training	35,705	-
National Institutes of Health	Pass-Through	University of Chicago	3U54GM087519-0751	93.859	Biomedical Research and Research Training	(107)	-
National Institutes of Health	Pass-Through	University of Michigan	SUBK00010381	93.859	Biomedical Research and Research Training	11,997	-
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	UNV	93.859	Biomedical Research and Research Training	61,750	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	S1071299	93.859	Biomedical Research and Research Training	111,192	-
National Institutes of Health	Pass-Through	University of Pittsburgh	UNIV OF PITTS-004640	93.859	Biomedical Research and Research Training	(6,148)	-
National Institutes of Health	Pass-Through	University of Virginia	GB10515.157721	93.859	Biomedical Research and Research Training	108,949	-
National Institutes of Health	Pass-Through	University of Virginia	GB10658	93.859	Biomedical Research and Research Training	55,051	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 5T32GM007569	93.859	Biomedical Research and Research Training	43,485	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 GM108807	93.859	Biomedical Research and Research Training	(36)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01GM120484 VMC62142	93.859	Biomedical Research and Research Training	16,597	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R35GM124685	93.859	Biomedical Research and Research Training	20,814	-
						26,361,797	645,977
National Institutes of Health	Direct		1 R0 HD089474-01	93.865	Child Health and Human Development Extramural Research	524,596	-
National Institutes of Health	Direct		1 R21 HD087088-01A1	93.865	Child Health and Human Development Extramural Research	8,751	11,916
National Institutes of Health	Direct		1F30HD009435-01	93.865	Child Health and Human Development Extramural Research	51,963	-
National Institutes of Health	Direct		1F31HD095592	93.865	Child Health and Human Development Extramural Research	37,842	-
National Institutes of Health	Direct		1F32HD100079-01A1	93.865	Child Health and Human Development Extramural Research	41,022	-
National Institutes of Health	Direct		1R01HD079461 YR01/05	93.865	Child Health and Human Development Extramural Research	512,061	-

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R01HD087395-01A1	93.865	Child Health and Human Development Extramural Research	190,564	56,459
National Institutes of Health	Direct		1R01HD088959-01A1	93.865	Child Health and Human Development Extramural Research	228,517	-
National Institutes of Health	Direct		1R01HD091232-01A1	93.865	Child Health and Human Development Extramural Research	497,155	220,034
National Institutes of Health	Direct		1R01HD098652-01A1	93.865	Child Health and Human Development Extramural Research	54,762	-
National Institutes of Health	Direct		1R03HD093547	93.865	Child Health and Human Development Extramural Research	42,978	-
National Institutes of Health	Direct		1R21 HD0076124-01A1	93.865	Child Health and Human Development Extramural Research	624	-
National Institutes of Health	Direct		1R21HD097757-01A1	93.865	Child Health and Human Development Extramural Research	39,848	-
National Institutes of Health	Direct		1R21HD098554-01A1	93.865	Child Health and Human Development Extramural Research	339,700	-
National Institutes of Health	Direct		1R37HD095519	93.865	Child Health and Human Development Extramural Research	543,865	15,697
National Institutes of Health	Direct		2 P20 HD075443-05	93.865	Child Health and Human Development Extramural Research	360,133	-
National Institutes of Health	Direct		2R01HD053714 6-10	93.865	Child Health and Human Development Extramural Research	204,635	-
National Institutes of Health	Direct		2132HD007502-21-25	93.865	Child Health and Human Development Extramural Research	338,411	-
National Institutes of Health	Direct		5 R01 HD044073-13	93.865	Child Health and Human Development Extramural Research	329,582	-
National Institutes of Health	Direct		RHD064727B	93.865	Child Health and Human Development Extramural Research	362,383	123,708
National Institutes of Health	Direct		5 R21 HD075005-02	93.865	Child Health and Human Development Extramural Research	(4,064)	-
National Institutes of Health	Pass-Through	PragmADx, Inc.	UNIV60203	93.865	Child Health and Human Development Extramural Research	17,547	-
National Institutes of Health	Pass-Through	Synchro Motion LLC	1R43HD096967	93.865	Child Health and Human Development Extramural Research	8,344	-
National Institutes of Health	Pass-Through	Synchro Motion LLC	2R44HD096967-02A1	93.865	Child Health and Human Development Extramural Research	48,616	-
National Institutes of Health	Pass-Through	The Research Institute at Nationwide Children's Hospital	700167-0719-00	93.865	Child Health and Human Development Extramural Research	6,221	-
National Institutes of Health	Pass-Through	University of California Irvine	2018-3599	93.865	Child Health and Human Development Extramural Research	26,336	-
National Institutes of Health	Pass-Through	University of Colorado Boulder	1555885	93.865	Child Health and Human Development Extramural Research	64,682	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	UNCH 5112050	93.865	Child Health and Human Development Extramural Research	13,645	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HD81121-01	93.865	Child Health and Human Development Extramural Research	88,137	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 P30 AI110527-02	93.865	Child Health and Human Development Extramural Research	(32)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV U	93.865	Child Health and Human Development Extramural Research	15,083	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64028	93.865	Child Health and Human Development Extramural Research	75	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64235	93.865	Child Health and Human Development Extramural Research	3	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMCS9370	93.865	Child Health and Human Development Extramural Research	339,874	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC-59370, UNIV 58956	93.865	Child Health and Human Development Extramural Research	18,146	-
National Institutes of Health	Pass-Through	Washington University in St. Louis	WU-20-207	93.865	Child Health and Human Development Extramural Research	4,477	-
National Institutes of Health	Pass-Through	Wits Health Consortium	RD1HD103466	93.865	Child Health and Human Development Extramural Research	16,778	-
						5,173,260	427,814
National Institutes of Health	Direct		1F31AG061984	93.866	Aging Research	27,298	-
National Institutes of Health	Direct		1F31AG066338	93.866	Aging Research	31,396	-
National Institutes of Health	Direct		1R01AG043438-01A1	93.866	Aging Research	4,506	-
National Institutes of Health	Direct		1R01AG051626-01	93.866	Aging Research	399,517	-
National Institutes of Health	Direct		1R01AG054622	93.866	Aging Research	753,647	459,043
National Institutes of Health	Direct		1R01AG056147-01	93.866	Aging Research	750,496	326,982
National Institutes of Health	Direct		1R01AG062685-01A1	93.866	Aging Research	10,053	-
National Institutes of Health	Direct		1R01AG063771-01	93.866	Aging Research	225,397	-
National Institutes of Health	Direct		1R01AG064950-01	93.866	Aging Research	160,760	173,355
National Institutes of Health	Direct		1R21AG050483-01A1	93.866	Aging Research	112,256	192
National Institutes of Health	Direct		4R00AG052666	93.866	Aging Research	211,838	-
National Institutes of Health	Direct		F30AG064847	93.866	Aging Research	25,515	-
National Institutes of Health	Direct		RD1AG066707	93.866	Aging Research	8,518	-
National Institutes of Health	Direct		T32AG058524	93.866	Aging Research	339,115	-
National Institutes of Health	Pass-Through	Johns Hopkins University	3K02AG059140-02S1	93.866	Aging Research	62,688	-
National Institutes of Health	Pass-Through	Metabolic Technologies, Inc.	1R44AG055184	93.866	Aging Research	33,696	-
National Institutes of Health	Pass-Through	University of California Berkeley	1R01AG063389-01A1-00010220	93.866	Aging Research	7,971	20,441
National Institutes of Health	Pass-Through	University of Pittsburgh	0056283 (130061-1)	93.866	Aging Research	37,238	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GM0191209	93.866	Aging Research	354,279	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: JENNIFER KIM SBA	93.866	Aging Research	36,726	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: KANAH LEWALLER 5	93.866	Aging Research	23,868	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64875	93.866	Aging Research	24,491	-
						3,641,269	824,013
National Institutes of Health	Direct		1EY01EV013462-16A1	93.867	Vision Research	481,498	43,588
National Institutes of Health	Direct		1F32EV025538-01A1	93.867	Vision Research	5,001	-
National Institutes of Health	Direct		1F32EV028041-01	93.867	Vision Research	(363)	-
National Institutes of Health	Direct		1F32EV028846-01A1	93.867	Vision Research	59,136	-
National Institutes of Health	Direct		1R01EV009062	93.867	Vision Research	(1,057)	-
National Institutes of Health	Direct		1R01EV024354 01/03	93.867	Vision Research	(1)	-
National Institutes of Health	Direct		1R01EV025275-01	93.867	Vision Research	(51,415)	-
National Institutes of Health	Direct		1R01EV027402-01	93.867	Vision Research	357,210	8,569
National Institutes of Health	Direct		1R01EV029719-01	93.867	Vision Research	312,772	-
National Institutes of Health	Direct		1R01EV030490-01	93.867	Vision Research	196,292	-
National Institutes of Health	Direct		1R21EV026176	93.867	Vision Research	(7,850)	(7,622)
National Institutes of Health	Direct		2R01EV02686-37A1	93.867	Vision Research	45,670	-
National Institutes of Health	Direct		2R01EV02686-45	93.867	Vision Research	233,104	-
National Institutes of Health	Direct		2R01EV008890-27	93.867	Vision Research	313,093	-
National Institutes of Health	Direct		2R01EV011500-23A1	93.867	Vision Research	81,232	-
National Institutes of Health	Direct		2R01EV012018-21	93.867	Vision Research	150,074	-
National Institutes of Health	Direct		2R01EV012018-22-26	93.867	Vision Research	400,908	-
National Institutes of Health	Direct		2R01EV019882-01A1	93.867	Vision Research	(689)	-
National Institutes of Health	Direct		2R01EV019882-09	93.867	Vision Research	420,182	83,385

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		2R01EY024258-05A1	93.867	Vision Research	209,954	110,500
National Institutes of Health	Direct		4 R01 EY012018-19/20	93.867	Vision Research	3	-
National Institutes of Health	Direct		5 R01 EY15500-20	93.867	Vision Research	(8,945)	-
National Institutes of Health	Direct		5 R01 EY24258-02	93.867	Vision Research	(10,544)	-
National Institutes of Health	Direct		5T3ZEY007135-23	93.867	Vision Research	280,812	-
National Institutes of Health	Direct		5T3ZEY021453-07 THRU 10	93.867	Vision Research	124,704	-
National Institutes of Health	Direct		R01EY025422-03	93.867	Vision Research	34,826	-
National Institutes of Health	Direct		R01EY027729	93.867	Vision Research	429,295	132,846
National Institutes of Health	Direct		REY00890F	93.867	Vision Research	(48,081)	-
National Institutes of Health	Direct		REY021833B	93.867	Vision Research	58,182	-
National Institutes of Health	Pass-Through	State University of New York	580-1141963-79147	93.867	Vision Research	29,863	-
National Institutes of Health	Pass-Through	University of Rochester	417255GJUR FAO GRS10740	93.867	Vision Research	36,476	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2R01EY023397-07	93.867	Vision Research	4,158	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 EY08126-29	93.867	Vision Research	(19)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 EY126-27	93.867	Vision Research	300,341	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 EY23397-03	93.867	Vision Research	351	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1U01EY027265-01	93.867	Vision Research	155,349	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	EY020496-VUMC	93.867	Vision Research	(404)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	EY027746 VUMC	93.867	Vision Research	(4,825)	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVS8522	93.867	Vision Research	13,099	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 58890	93.867	Vision Research	97,416	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 67445	93.867	Vision Research	182,049	-
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 68303	93.867	Vision Research	57,722	-
						<u>4,936,580</u>	<u>371,266</u>
Health Resources and Services Administration	Pass-Through	Catholic Charities of Tennessee	GR-18-57329	93.870	Maternal, Infant and Early Childhood Home Visiting Grant Program	73,230	-
						<u>73,230</u>	<u>-</u>
National Institutes of Health	Direct		2T15LM007450	93.879	Medical Library Assistance	888,844	18,301
National Institutes of Health	Direct		5T32LM012412-02	93.879	Medical Library Assistance	278,319	-
National Institutes of Health	Pass-Through	University of Maryland Baltimore	1600679	93.879	Medical Library Assistance	3,831	-
National Institutes of Health	Pass-Through	University of Massachusetts Lowell	55111000040449	93.879	Medical Library Assistance	16,921	-
						<u>1,187,915</u>	<u>18,301</u>
Health Resources and Services Administration	Pass-Through	Meharry Medical College	190618MKC206	93.884	Grants for Primary Care Training and Enhancement	41,505	-
						<u>41,505</u>	<u>-</u>
Substance Abuse and Mental Health Services Administration	Pass-Through	TN Department of Mental Health and Substance Abuse	808T010050-18	93.959	Block Grants for Prevention and Treatment of Substance Abuse	55,218	-
Substance Abuse and Mental Health Services Administration	Pass-Through	TN Department of Mental Health and Substance Abuse	EDISON ID 59247	93.959	Block Grants for Prevention and Treatment of Substance Abuse	3,123	-
						<u>58,341</u>	<u>-</u>
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	U1QHP33085-01-00	93.969	PPHF Geriatric Education Centers	56,146	-
						<u>56,146</u>	<u>-</u>
National Institutes of Health	Direct		1R21TW010635	93.989	International Research and Research Training	133,282	36,752
National Institutes of Health	Direct		R21TW011294	93.989	International Research and Research Training	78,431	30,573
						<u>211,713</u>	<u>67,325</u>
Total Department of Health and Human Services						<u>128,035,193</u>	<u>14,018,686</u>
US Department of Homeland Security	Direct		HSCG23-17-C-MCR019	97 RD		2,261	-
US Department of Homeland Security	Pass-Through	University of North Carolina Chapel Hill	5117117	97 RD		5,823	-
						<u>8,084</u>	<u>-</u>
Total Department of Homeland Security						<u>8,084</u>	<u>-</u>
Total Research and Development Cluster						<u>203,765,012</u>	<u>23,035,013</u>
Head Start Cluster							
National Institutes of Health	Direct		90YR0101-01-01	93.600	Head Start	9,188	-
Administration for Children and Families	Pass-Through	ZERO TO THREE	90WC0012-05	93.600	Head Start	339,934	5,175
						<u>349,122</u>	<u>5,175</u>
Highway Planning and Construction Cluster							
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-00517	20.205	Highway Planning and Construction	(1,283)	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-07219	20.205	Highway Planning and Construction	91,606	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-11319-61300	20.205	Highway Planning and Construction	781,285	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-15916	20.205	Highway Planning and Construction	4,933	-
US Department of Transportation	Pass-Through	TN Department of Transportation	TDOT 40100-07219	20.205	Highway Planning and Construction	33,944	4,171
						<u>910,485</u>	<u>4,171</u>
Total Highway and Construction Cluster						<u>910,485</u>	<u>4,171</u>
Special Education Cluster (IDEA)							
US Department of Education	Pass-Through	NH Department of Education	SPED-2018-9_H323A170029	84.027	Special Education_Grants to States	203,665	156,028
US Department of Education	Pass-Through	TN Department of Education	33136-00718 DOE TN	84.027	Special Education_Grants to States	354,494	4,900
US Department of Education	Pass-Through	TN Department of Education	GR-10-27642-00	84.027	Special Education_Grants to States	823,198	66,277
						<u>1,381,357</u>	<u>227,205</u>
Total Special Education Cluster (IDEA)						<u>1,381,357</u>	<u>227,205</u>

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
COVID-19 Higher Education Emergency Relief Fund (HEERF)							
US Department of Education	Direct		ED_GRANTS-041020-002 CARES Act	84.425e	COVID-19 Higher Education Emergency Relief Fund (HEERF) Student AID Portion	2,816,212	-
						2,816,212	-
Total Higher Education Emergency Relief Fund (HEERF)						2,816,212	-
Student Financial Assistance Cluster							
US Department of Education	Direct		P007A193941	84.007	Federal Supplemental Educational Opportunity Grants	1,188,857	-
						1,188,857	-
US Department of Education	Direct		P033A193941	84.033	Federal Work-Study Program	1,558,037	-
						1,558,037	-
US Department of Education	Direct			84.038	Federal Perkins Loan Program		
US Department of Education	Direct			84.038	Outstanding loans as of July 1, 2019	11,242,470	-
US Department of Education	Direct			84.038	New loans issued during 2020	-	-
US Department of Education	Direct			84.038	Administrative Cost Allowance	-	-
						11,242,470	-
US Department of Education	Direct		P063P192253	84.063	Federal Pell Grant Program	5,143,292	-
						5,143,292	-
US Department of Education	Direct			84.268	Federal Direct Student Loans	100,236,954	-
						100,236,954	-
US Department of Education	Direct		P379T202253	84.379	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	15,070	-
						15,070	-
Total US Department of Education						119,384,680	-
US Department of Health and Human Services	Direct			93.264	Nurse Faculty Loan Program (NFLP)		
US Department of Health and Human Services	Direct			93.264	Outstanding loans as of July 1, 2019	6,664,555	-
US Department of Health and Human Services	Direct			93.264	New loans issued during 2020	1,851,944	-
						8,516,499	-
US Department of Health and Human Services	Direct			93.364	Nursing Student Loans		
US Department of Health and Human Services	Direct			93.364	Outstanding loans as of July 1, 2019	2,189,919	-
US Department of Health and Human Services	Direct			93.364	New loans issued during 2020	356,501	-
						2,546,420	-
US Department of Health and Human Services	Direct			93.408	ARRA - Nurse Faculty Loan Program (NFLP)		
US Department of Health and Human Services	Direct			93.408	Outstanding loans as of July 1, 2019	361,861	-
US Department of Health and Human Services	Direct			93.408	New loans issued during 2020	-	-
						361,861	-
Total US Department of Health and Human Services						11,424,780	-
Total Student Financial Assistance Cluster						130,809,460	-
Other Programs							
US Agency for International Development	Direct		AID-OAA-A-16-00021	98.001	USAID Foreign Assistance for Programs Overseas	1,192,300	161,535
US Agency for International Development	Pass-Through	National Academy of Sciences	2000009510_AID0AAA1100012	98.001	USAID Foreign Assistance for Programs Overseas	1,282	1,282
						1,193,582	162,817
US Agency for International Development	Direct		7200AA19C00022	98.LU1		364,817	-
US Agency for International Development	Pass-Through	Dexis Consulting Group	7001-5-19-002	98.LU1		18,029	-
US Agency for International Development	Pass-Through	EnCompass LLC	5-19-1019-LAPOP-01_72052719C00	98.LU1		30,856	-
US Agency for International Development	Pass-Through	Global Communities	AID-524-A-10-00006_042-2020	98.LU1		21,529	-
US Agency for International Development	Pass-Through	Panagora Group	EVALME-DRVANDERBILLAPOP-2018-0	98.LU1		58,995	-
US Agency for International Development	Pass-Through	Universidad De Los Andes	AID-514-A-16-00004	98.LU1		(7,066)	-
						487,165	-
Total US Agency for International Development						1,680,742	162,817
Total Other Programs						1,680,742	162,817
Total Federal Expenditures						\$ 341,712,390	\$ 23,434,381

The accompanying notes are an integral part of this schedule.

Vanderbilt University

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") includes the federal expenditures of Vanderbilt University ("Vanderbilt") under programs of the federal government for the year ended June 30, 2020. The information in this 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 Office of Management and Budget Circular A-21, *Cost Principles for Educational Institutions* as applicable. Because the Schedule presents only a selected portion of the operations of Vanderbilt, it is not intended to, and does not, present the financial position, changes in net assets, or cash flows of Vanderbilt.

For purposes of the Schedule, federal awards include all grants, contracts, and similar agreements entered into directly between Vanderbilt and agencies and departments of the federal government and all subawards to Vanderbilt by nonfederal organizations pursuant to federal grants, contracts, and similar agreements.

2. Summary of Significant Accounting Policies for the Schedule

For purposes of the Schedule, expenditures for federal programs are recognized on the accrual basis, which is consistent with generally accepted accounting principles.

Expenditures for federal student financial aid programs are recognized as incurred and include Federal Pell program grants to students, the federal share of students' FSEOG program grants, FWS program earnings, loans to students under federally guaranteed programs and certain other federal financial assistance grants for students and administrative cost allowances, where applicable.

Expenditures for other federal awards on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in *Uniform Guidance* or *A-21*, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

Expenditures for certain nonstudent financial aid awards include facilities and administrative costs (indirect costs). Facilities and administrative costs allocated to such awards for the year ended June 30, 2020 were based on predetermined fixed rates negotiated with Vanderbilt's cognizant federal agency, the U.S. Department of Health and Human Services. Indirect costs and recoveries of those costs under sponsored programs are classified as unrestricted expenditures and revenues, respectively, in Vanderbilt's financial statements. Vanderbilt has elected not to use the 10-percent de minimis indirect cost rate allowed under the *Uniform Guidance*.

Negative amounts represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. This results in accurate reporting on a cumulative basis over multiple periods. CFDA numbers and pass-through numbers are provided when available.

Vanderbilt University
Notes to Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

3. Federal Student Financial Assistance Programs

The Perkins, Nurse Faculty Loan Program (NFLP), and Nursing Student Loan (NSL) programs are administered directly by Vanderbilt, and balances and transactions relating to these programs are included in Vanderbilt's consolidated financial statements. Loans outstanding at the beginning of the year and the amount of direct loans made during the year ended June 30, 2020 is included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2020 consists of:

Perkins	84.038	\$ 10,545,002
NFLP	93.264	7,458,889
NFLP ARRA	93.408	668,426
NSL	93.364	<u>2,460,886</u>
		<u>\$ 21,133,203</u>

Vanderbilt is responsible for the performance of certain administrative duties with respect to the guaranteed federal direct loan programs. As a university qualified to originate loans, Vanderbilt is responsible for handling the complete loan origination process, including funds management and promissory note functions. Vanderbilt is not responsible for the collection of these loans. It is not practical to determine the balance of loans outstanding to students and former students of Vanderbilt under these programs, as referenced above, for the year ended June 30, 2020.



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*

To the Board of Trust of Vanderbilt University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the consolidated financial statements of Vanderbilt University and its subsidiaries (“the University”), which comprise the consolidated statements of financial position as of June 30, 2020, and the related consolidated statements of activities and of cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated October 2, 2020, except with respect to Note 12 to the consolidated financial statements and the opinion on the schedule of financial responsibility ratios, as to which the date is March 30, 2021.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Vanderbilt University’s internal control over financial reporting (“internal control”) as a basis for designing the 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’s internal control. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt University’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 a 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’s financial statements are free from 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.

PricewaterhouseCoopers LLP

October 2, 2020, except with respect to Note 12 to the consolidated financial statements and the opinion on the schedule of financial responsibility ratios, as to which the date is March 30, 2021



Report of Independent Auditors on Compliance with Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance with the Uniform Guidance

To the Board of Trust of Vanderbilt University

Report on Compliance for Each Major Federal Program

We have audited Vanderbilt University's compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of Vanderbilt University's major federal programs for the year ended June 30, 2020. Vanderbilt University'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.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance for each of Vanderbilt University'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 of America; 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'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's compliance.

Opinion on Each Major Federal Program

In our opinion, Vanderbilt University 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

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the



OMB Compliance Supplement, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 10 “Gramm-Leach-Bliley Act-Student Information Security.” This section includes three suggested audit procedures with respect to verification that the institution (1) designated an individual to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management’s documentation related to these three items. Our procedures did not include an analysis of the adequacy or completeness of the risk assessment performed or the safeguards for each risk identified by management.

Report on Internal Control Over Compliance

Management of Vanderbilt University 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’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’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 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. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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.

PricewaterhouseCoopers LLP

March 30, 2021

Vanderbilt University

Schedule of Findings and Questioned Costs

Year Ended June 30, 2020

Section I - Summary of Auditor's Results

Financial Statements

Type of auditor's report issued:

Unmodified

Internal control over financial reporting:

Material weakness(es) identified?

_____ yes X no

Significant deficiency(ies) identified that are not considered to be material weaknesses?

_____ yes X none reported

Noncompliance material to financial statements noted?

_____ yes X no

Federal Awards

Internal control over major programs:

Material weakness(es) identified?

_____ yes X no

Significant deficiency(ies) identified that are not considered to be material weaknesses?

_____ yes X none reported

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

Unmodified

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

_____ yes X no

Identification of major programs

CFDA Number(s)

Name of Federal Program or Cluster

Various
84.425e

Student Financial Assistance Cluster
COVID-19 Higher Education Emergency Relief Fund (HEERF) Student AID Portion

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

\$ 3,000,000

Auditee qualified as low-risk auditee?

 X yes _____ no

Section II - Financial Statement Findings

No matters noted.

Section III - Federal Award Findings and Questioned Costs

No matters noted.

Vanderbilt University
Summary of Schedule of Prior Audit Findings
Year Ended June 30, 2020

There are no findings from prior years which require an update in this report.