

Vanderbilt University

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

For the Year Ended June 30, 2021

EIN: 62-0476822

Vanderbilt University
Index
Year Ended June 30, 2021

	Page(s)
Part I – Financial Statements	
Letter from the Chancellor.....	3
Vanderbilt University Statistics.....	4
Financial Overview.....	5–13
Consolidated Financial Statements	
Report of Independent Auditors	14–15
Consolidated Statements of Financial Position.....	16
Consolidated Statements of Activities.....	17–18
Consolidated Statements of Cash Flows	19
Notes to the Consolidated Financial Statements.....	20–40
Supplemental Schedule of Financial Responsibility Ratios	41–42
Part II – Schedule of Expenditures of Federal Awards	
Schedule of Expenditures of Federal Awards.....	45–66
Notes to Schedule of Expenditures of Federal Awards	67–68
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>	69–70
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	71–72
Part IV – Findings	
Schedule of Findings and Questioned Costs.....	73
Summary Schedule of Prior Audit Findings	74

Letter from Chancellor Daniel Diermeier

The 2020-21 academic year was unlike any other in Vanderbilt University's history. Our community showed tremendous resilience as we navigated three crises at once: the generation-defining public health challenges of the COVID-19 pandemic; the resulting economic downturn, which led to the loss of more than 650,000 jobs in higher education alone; and a nationwide reckoning for social justice.

Vanderbilt emerged from this historic moment stronger than ever. When global markets tumbled in the spring of 2020, Vanderbilt was well-protected because of the proactive financial planning we undertook in the moments of crisis, combined with a strong financial foundation that had been built through prudent stewardship by Chancellor Emeritus Nicholas S. Zeppos over the previous decade. As a result, we not only avoided drastic measures such as layoffs and pay reductions that other universities made, but we also seized the opportunity to make once-in-a-generation investments in areas like faculty recruitment, graduate education and athletics. Each of these pursuits has strengthened Vanderbilt's ability to emerge from this crisis stronger than ever and to plan for the future with determination and confidence.

Our current financial strength also bodes well for Vanderbilt's forward momentum. Vanderbilt's endowment now totals more than \$10 billion—making ours one of the largest private university endowments in the United States. In addition, this report includes statistics regarding our operating revenues, grant and contract funding, and undergraduate admissions.

Vanderbilt stands at a moment of renewed ambition as our strong financial results in FY21 allow for continued investments in financial aid, capital projects and other key areas. We are as committed as ever to empowering the leaders of tomorrow, and to advancing the research, discovery and creative expression that are increasingly vital in our global society.

With my first full year as Vanderbilt's chancellor behind me, I look forward to building upon our many strengths, and to reaching new levels of excellence.

Sincerely,



Daniel Diermeier
Chancellor, Vanderbilt University

Vanderbilt University Statistics

	2020/2021	2019/2020	2018/2019	2017/2018	2016/2017
STUDENTS					
Undergraduate	7,057	6,886	6,861	6,885	6,871
Graduate and professional	6,480	6,245	5,963	5,707	5,716
Total fall enrollment	13,537	13,131	12,824	12,592	12,587
Undergraduate admissions					
Applied	36,646	37,310	34,313	31,462	32,442
Accepted	4,259	3,402	3,298	3,415	3,487
Enrolled	1,698	1,604	1,602	1,607	1,601
Selectivity	11.6%	9.1%	9.6%	10.9%	10.7%
Yield	39.9%	47.1%	48.6%	47.1%	45.9%
Degrees conferred					
Baccalaureate	1,712	1,691	1,700	1,716	1,716
Master's	1,459	1,512	1,382	1,477	1,487
M.D.	97	82	100	79	98
Other doctoral	671	568	599	583	585
Total degrees conferred	3,939	3,853	3,781	3,855	3,886
Undergraduate six-year graduation rate	93.4%	92.6%	93.0%	93.6%	91.5%
Undergraduate tuition	\$ 52,780	\$ 50,800	\$ 48,600	\$ 46,500	\$ 44,496
% increase over prior year	3.9%	4.5%	4.5%	4.5%	2.0%

FACULTY AND STAFF ¹

Full-time faculty	1,442	1,466	1,468	1,431	1,421
Full-time staff	3,937	4,555	4,245	4,205	4,177
Part-time faculty	298	324	348	339	318
Part-time staff	277	448	412	346	521
Total faculty and staff	5,954	6,793	6,473	6,321	6,437

GRANT AND CONTRACT FUNDING

(in thousands)

Government sponsors	\$ 188,306	\$ 165,532	\$ 160,958	\$ 151,580	\$ 155,446
Private sponsors	31,551	30,199	27,656	22,298	24,345
Facilities and administrative costs recovery	64,709	62,233	60,408	56,868	57,489
Total grants and contracts	\$ 284,566	\$ 257,964	\$ 249,022	\$ 230,746	\$ 237,280

ENDOWMENT

Market value (in thousands)	\$ 10,928,513	\$ 6,917,371	\$ 6,270,877	\$ 4,608,461	\$ 4,136,465
Endowment return	57.1%	-0.1%	6.7%	12.6%	11.5%
Endowment per student	\$ 807,307	\$ 526,797	\$ 488,995	\$ 365,983	\$ 328,630
Endowment payout	3.9%	4.7%	4.5%	4.7%	5.1%

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. In addition to the faculty employed by VU at the end of fiscal years 2021, 2020, 2019, 2018, and 2017, some employees of VUMC held VU faculty appointments. These additional VUMC-employed, VU faculty comprised:

VUMC-employed, VU faculty appointments	2020/2021	2019/2020	2018/2019	2017/2018	2016/2017
Full-time	2,970	2,892	2,817	2,830	2,680
Part-time	104	101	93	116	131
Total	3,074	2,993	2,910	2,946	2,811

FINANCIAL OVERVIEW

The university ended fiscal 2021 with \$224 million of net operating results compared to \$175 million in fiscal 2020. Vanderbilt's net assets without donor restrictions increased \$2 billion from fiscal 2020 to 2021 primarily driven by investment returns.

OPERATING REVENUES

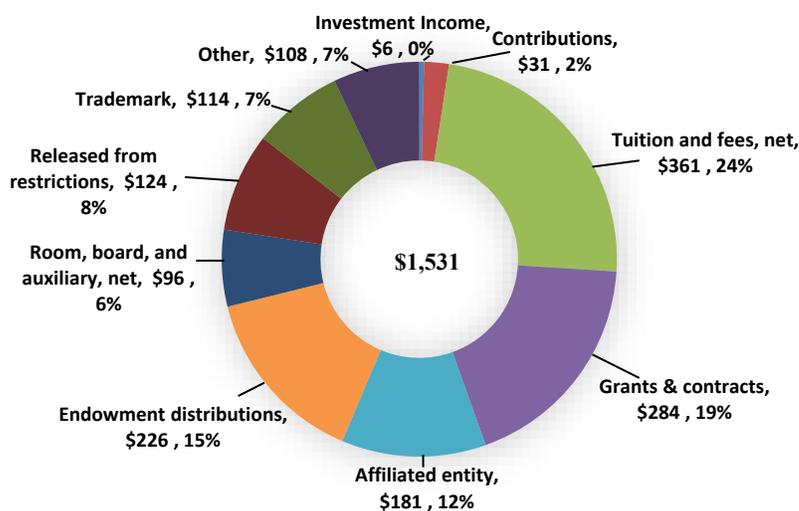
Vanderbilt's operating revenues without donor restrictions for the years ended June 30, 2021, and June 30, 2020, were as follows:

<i>(in millions)</i>	2021	2020
Tuition and educational fees, net	\$ 361	\$ 350
Government grants and contracts	188	166
Private grants and contracts	31	30
F&A costs recovery	65	62
Contributions	31	26
Endowment distributions	226	194
Investment income	6	19
Room, board, and other auxiliary services, net	96	117
Trademark, license, and royalty revenue	114	113
Affiliated entity revenue	181	178
Other sources	108	85
Net assets released from restrictions	124	123
Total operating revenue	\$ 1,531	\$ 1,463

Operating revenues without donor restrictions increased \$68 million, or 5%, to \$1,531 million in fiscal 2021 from \$1,463 million in fiscal 2020. Endowment distributions increased by \$32 million due to payouts from the additional investments in the endowment from the securitization of one of the university's trademark revenue streams. Other sources increased \$23 million as a result of a one-time distribution from the Southeastern Conference (SEC). Revenue from government sponsors increased by \$22 million due to new federal awards to expand resources for research, as well as grants supporting emergency relief from the COVID-19 global pandemic. Tuition and fees, net, increased by \$11 million due to changes in student enrollment, credit hours, and board-approved increases in tuition rates. These increases were primarily offset by decreases in room, board, and other auxiliary services, net of \$21 million primarily due to efforts to reduce campus density as a result of the COVID-19 global pandemic.

Operating Revenues without Donor Restrictions by Type (Fiscal 2021)

(in millions)



TUITION, ROOM, AND BOARD

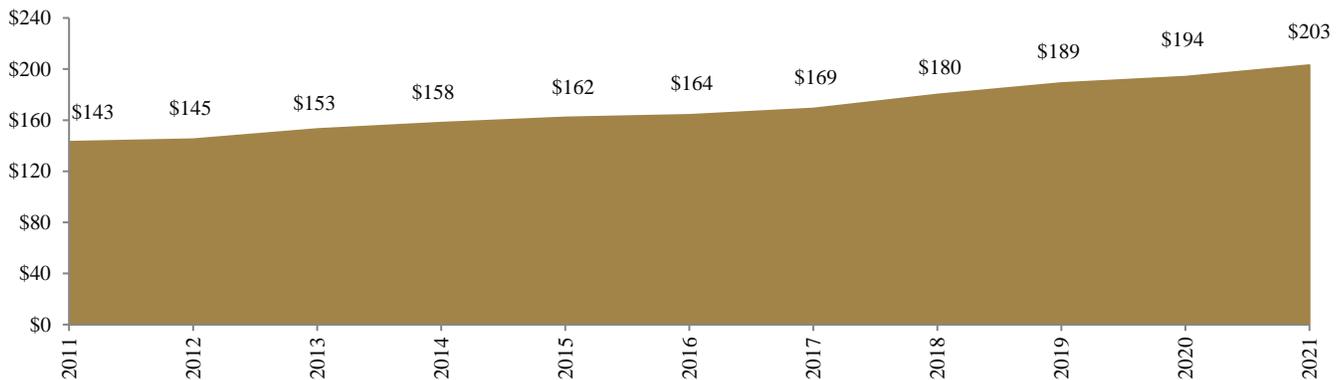
Supporting Vanderbilt's commitment to student access and affordability, the university provides significant financial aid to students and their families. In fiscal 2021, Vanderbilt provided \$313 million in support to its students for tuition, room, and board as shown in the table below.

	Undergraduate	Professional	Graduate	Total
<i>Student count</i>	7,057	4,237	2,243	13,537
<i>(in millions)</i>				
Tuition and fees	\$ 387	\$ 201	\$ 60	\$ 648
Financial aid ⁽¹⁾	(177)	(58)	(52)	(287)
Tuition and fees, net	\$ 210	\$ 143	\$ 8	\$ 361
Room and board	56	-	-	56
Financial aid ⁽¹⁾	(26)	-	-	(26)
Room and board, net	\$ 30	\$ -	\$ -	\$ 30
Total financial aid⁽¹⁾	\$ 203	\$ 58	\$ 52	\$ 313
Average financial aid per student⁽²⁾	\$ 29,000	\$ 14,000	\$ 23,000	\$ 23,000

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

² Rounded to the nearest thousand.

Undergraduate Financial Aid fiscal 2011–2021 (in millions)



Vanderbilt expanded its undergraduate financial aid significantly over the past decade. In fiscal 2021, undergraduate aid as a percentage of gross tuition, room and board, and educational fees was 46%. Nearly half of Vanderbilt's undergraduate financial aid was funded in fiscal 2021 and 2020. The university's Opportunity Vanderbilt no-loan initiative, which began in fiscal 2009, is critical to this support. Through fiscal 2021, generous donors have committed, through gifts and pledges, \$479 million to support undergraduate financial aid. A portion of operations (\$125 million), endowment distributions and gifts (\$73 million), and external agencies (\$5 million) funded fiscal 2021 undergraduate aid.

GRANTS AND CONTRACTS

Direct grant revenue increased by \$23 million, or 12%, to \$219 million in fiscal 2021 from \$196 million in fiscal 2020. Government grants and contracts revenue increased \$22 million, or 13%, to \$188 million in fiscal 2021 from \$166 million in fiscal 2020, due to grants supporting emergency relief from the COVID-19 global pandemic and increases from the Department of Education and the Department of Health and Human Services. Private grants and contracts revenues increased \$1 million, or 3%, over the same period to \$31 million in fiscal 2021 from \$30 million in fiscal 2020, 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>	2021	%	2020	%
Department of Health and Human Services	\$ 98	52%	\$ 97	59%
Department of Education	37	20%	17	10%
National Science Foundation	19	10%	18	11%
Department of Defense	13	7%	12	7%
Department of Energy	9	5%	10	6%
Other government agencies	12	6%	12	7%
Total government grants and contracts by funding source	\$ 188	100%	\$ 166	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, 2021 and 2020, such awards totaled \$246 million and \$262 million, respectively, as shown in the following table.

Sponsored Program Awards

<i>(in millions)</i>	2021	2020
Government awards	\$ 217	\$ 239
Private awards	29	23
Total sponsored research and project awards	\$ 246	\$ 262

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>	2021
Contributions revenue	
Without donor restriction	\$ 31
With donor restriction – time and purpose	18
With donor restriction – true endowment	39
Total contributions revenue	88
Total contributions for capital improvements	15
Total consolidated GAAP contributions revenue	\$ 103
Grants and similar agreements meeting CASE guidelines (gifts per CASE standards)	\$ 7
Net decrease in contributions receivable	16
Other	3
Total CASE reported gifts (cash basis)	\$ 129

Vanderbilt reported \$103 million in consolidated contributions revenue, including pledges and contributions for capital improvements, a 6% decrease over the \$109 million fiscal 2020 level.

Consolidated Contributions (GAAP Basis)

(in millions)



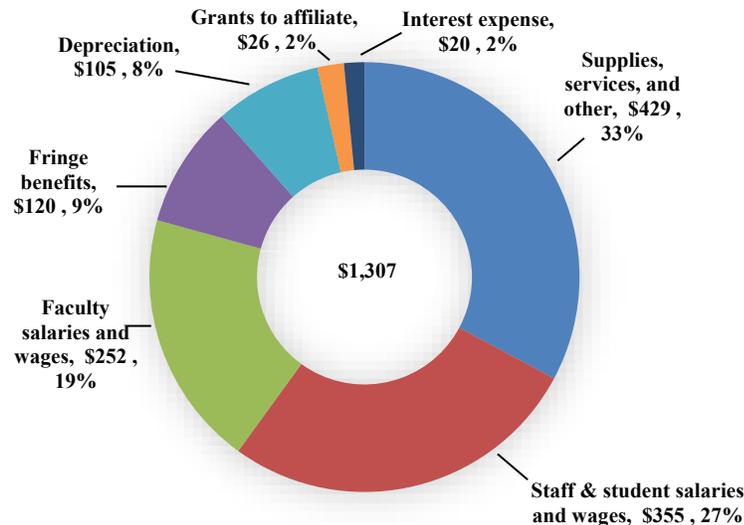
OPERATING EXPENSE

(in millions)	2021	2020
Salaries, wages, and benefits	\$ 727	\$ 727
Supplies, services, and other	429	427
Interest expense	20	14
Depreciation	105	94
Grants to affiliate	26	26
Total operating expenses	\$ 1,307	\$ 1,288

Consolidated operating expenses increased \$19 million to \$1,307 million in fiscal 2021 from \$1,288 million in fiscal 2020. The primary drivers of this increase were \$11 million, or 12%, in depreciation expense and \$6 million, or 43%, in interest expense. Salaries, wages, and benefits remained flat as a result of COVID-19 expense mitigation strategies. Supplies, services, and other expenses included approximately \$25 million one-time COVID-19 expenses for testing, supplies, cleaning, and technology, offset by reductions in expenses primarily as a result of canceled travel and events.

Operating Expenses by Type (Fiscal 2021)

(in millions)



OTHER CHANGES IN NET ASSETS WITHOUT DONOR RESTRICTIONS

<i>(in millions)</i>	2021	2020
Change in appreciation of endowment, net of distributions	\$ 2,132	\$ (192)
Change in appreciation of other investments, net of distributions	-	(9)
Change in appreciation of interest rate exchange agreements	-	(7)
Capital contributions and releases from restriction	4	17
Nonoperating net asset reclassifications	-	(3)
Other nonoperating activity	-	(1)
Total changes from nonoperating	\$ 2,136	\$ (195)

Fiscal 2021 nonoperating activity primarily consisted of a change in appreciation of endowment, net of distributions, of \$2,132 million, an increase of \$2,324 million compared to fiscal 2020. The change in value for the endowment resulted from a 57.1% investment return offset by 3.9% of the endowment utilized for distributions during fiscal 2021, compared to a negative 0.1% investment return and 4.7% of the endowment utilized for distributions during fiscal 2020. In addition, releases from restrictions for capital contributions totaled \$4 million in fiscal 2021. Releases from restrictions for capital contributions occurred at the time the asset or building was placed into service and included \$3 million for residential colleges in fiscal 2021.

Noncontrolling Interests

Net assets related to noncontrolling interests decreased \$1 million to \$29 million in fiscal 2021 from \$30 million in fiscal 2020 due to distributions of \$10 million and a change in appreciation on investment of \$9 million during fiscal 2021.

SUMMARY OF FINANCIAL POSITION

Vanderbilt's summarized Statements of Financial Position as of June 30, 2021, and June 30, 2020, were as follows:

<i>(in millions)</i>	2021	2020
ASSETS		
Cash and cash equivalents	\$ 1,124	\$ 629
Accounts and contributions receivable	202	214
Investments	10,953	7,034
Right of use assets	62	64
Property, plant, and equipment, net	1,472	1,448
Prepaid expenses and other assets	71	69
Total assets	\$ 13,884	\$ 9,458
LIABILITIES		
Payables and accrued liabilities	\$ 282	\$ 265
Deferred revenue	41	25
Deferred trademark revenue	1,885	1,645
Long-term debt and commercial paper	632	541
Securities sold short	506	352
Lease liabilities	65	67
Total liabilities	3,411	2,895
NET ASSETS		
Without donor restrictions	5,859	3,500
With donor restrictions	4,614	3,063
Total net assets	10,473	6,563
Total liabilities and net assets	\$ 13,884	\$ 9,458

Vanderbilt's assets increased \$4,426 million from fiscal 2020 to fiscal 2021. This increase is primarily attributable to an increase in investments of \$3,919 million, or 56%, to \$10,953 million in fiscal 2021 from \$7,034 million in fiscal 2020. The endowment, net of securities sold short, returned 57.1% and its value increased to \$10,928 million in fiscal 2021 from \$6,917 million in fiscal 2020 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. Cash and cash equivalents increased \$495 million, or 79%, from fiscal 2020 to fiscal 2021 primarily attributable to private placement net proceeds pending use for residential college construction and endowment cash.

Total liabilities increased \$516 million, or 18%, from fiscal 2020 to fiscal 2021. This increase is primarily attributable to the increase of \$277 million in deferred trademark revenue to be recognized over the next 29 years in accordance with the most recent trademark securitization transaction. The addition of the most recent trademark securitization was offset by current year recognition of \$37 million.

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, 2021, \$1,415 million of liquid assets were available on a same-day basis and an additional \$2,460 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 are 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 interdisciplinary 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 care 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>	2021	2020
Housing projects	\$ 74	\$ 134
Academic projects	16	33
Minor capital expenditures	33	40
Infrastructure projects	8	25
Acquisitions	-	117
Athletics projects	6	4
Total capital projects	\$ 137	\$ 353

During fiscal 2021, Vanderbilt University invested \$137 million in capital projects as compared to \$353 million in fiscal 2020. The university purposefully reduced planned fiscal 2021 capital expenditures due to concerns regarding the COVID-19 pandemic, yet progress was made on several significant projects, including, but not limited to:

- Opening of Nicholas S. Zeppos College and continued construction of Rothschild College, which contribute to the living and learning experience in the West End Neighborhood of campus;
- Completion of aesthetic and utility updates to the West End and Central Neighborhoods that improved pedestrian pathways and accommodates the increased square footage in the residential colleges;
- Renovations to Peabody College's Home Economics and Mayborn buildings that created better uses of space and enhanced the buildings' infrastructure and mechanics while preserving many significant historical architectural components; and
- Renovations to athletics facilities including the football locker room and stadium upgrades that enhance the experience for student-athletes and fans.

As capital projects conclude or new acquisitions occur during the fiscal year, capital asset balances increase. A total of \$293 million of completed projects and purchased property and equipment came into service during fiscal 2021.

The Board of Trust Executive Committee reviews the university's five-year capital plan annually; however, major capital projects are approved individually. The FY 2021–25 capital plan brings a continued focus on the academic strategic plan, including the student experience, through investments in new residential colleges, science buildings, acquisitions, infrastructure, and athletics.

ENDOWMENT

For fiscal 2021, Vanderbilt's endowment portfolio returned 57.1%. The endowment ended fiscal 2021 with a total market value of \$10,928 million, compared to \$6,917 million at the end of fiscal 2020. 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), costs for managing the endowment including internal management costs and endowment excise tax of \$26 million, and the distribution of endowment funds to support university operations. During fiscal 2021, the university added \$424 million to the endowment portfolio through new gifts, recapitalizations, and additions to institutional endowments. Endowment distributions totaled \$348 million in fiscal 2021, compared to \$311 million in fiscal 2020. These distributions support the university's education, research, and public service missions.

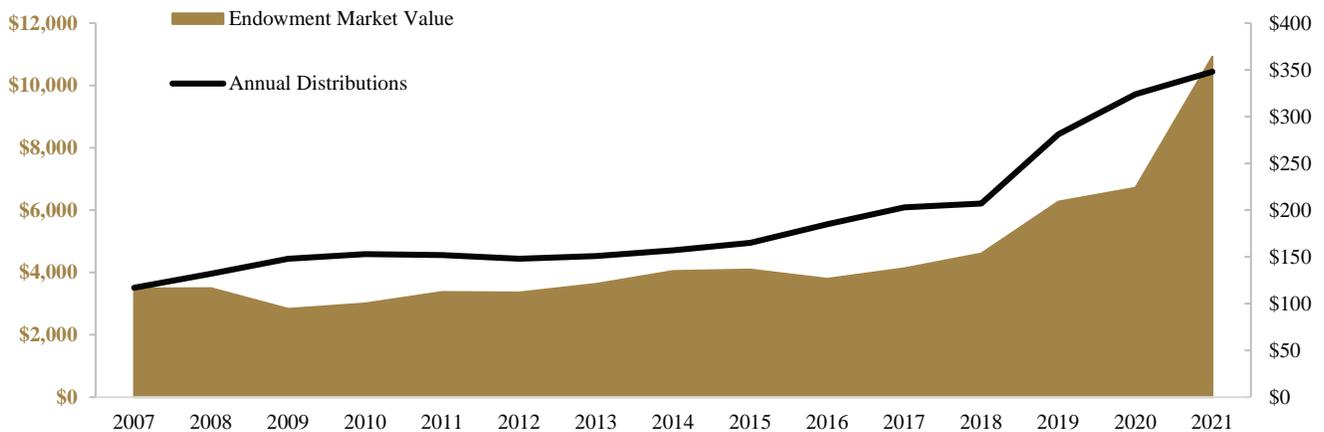
The continued rise and spread of COVID-19 dominated the news this fiscal year and probably represents the most significant event of a generation. By the end of the fiscal year, the World Health Organization (WHO) had reported 182 million cumulative cases and 3.95 million deaths worldwide. But the WHO also reported 2.95 billion doses of SARS-CoV-2 vaccines administered globally by the end of the fiscal year, and 1.17 billion individuals had received at least one dose. The global economy recovered from a deep recession first in China, then in the United States, followed by Europe.

The global capital market environment was very strong. Global equity markets gained 39%, with significant gains across U.S. large caps (up 41%), U.S. small caps (up 62%), non-U.S. developed markets (up 34%), and emerging markets (up 41%). U.S. bond markets stalled (flat) as long-term U.S. Treasury yields rose but this was generally offset by a tightening of credit spreads. Commodity prices surged (up 57%), and the value of the U.S. dollar declined modestly.

Looking into the future, substantial headwinds lie ahead. U.S. equity valuations are near all-time highs despite uncertainty regarding a number of issues including COVID-19 vaccination rates and corporate earnings dispersion. The future of monetary and fiscal spending has made inflation the most hotly debated topic in U.S. capital markets. Market participants and federal policymakers seem somewhat evenly split between increasing inflation concerns in one camp, and others who believe the recent spike in consumer prices to be transitory. European economies are rebounding but continue to lag the U.S. recovery. China came out of the pandemic first but continues to suffer from a number of excesses. Globally, emerging markets are wrestling with the unpredictable nature of COVID-19 on a country-by-country basis. Increased geopolitical tensions, particularly between the U.S. and China (as well as ongoing uncertainty in the Middle East) represent risks to the global capital markets. That said, these challenges will from time-to-time present chances to be opportunistic in deploying new investments. 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, 2021 (% of portfolio)

	Allocation
Global Equities	23%
Hedged strategies	22%
Commodities	2%
Fixed income	7%
Cash and cash equivalents	5%
Total public investments	59%
Private capital	35%
Real estate	2%
Natural resources	4%
Total nonmarketable	41%
Total endowment	100%

LOOKING FORWARD

Fiscal 2021 has been an unexpected year with the growing spread of COVID-19 challenging us in unprecedented ways. Through exceptional teamwork, collaboration, thoughtful planning, and persistence, Vanderbilt was able to successfully mitigate overall financial losses. The tireless efforts of the faculty, staff, and students at Vanderbilt to preserve our campus and forge ahead by focusing on our mission made a tremendous impact and we are grateful for their support during this exceptional year.

As we look ahead, Vanderbilt faces many challenges but also embraces the opportunities to further our mission through advancing interdisciplinary, pathbreaking research and finding ways to bring students together to enable them to learn from peers with different perspectives and experiences.

The COVID-19 pandemic is ongoing, including additional surges of infections. Staff members are continuing to work around the clock to ensure the health and safety of our campus. We have learned about the flexibility and agility of our students, faculty, and staff and are grateful for their resilience as we do our best to return to a more traditional college experience.

We are confident that, as a community united by our mission, Vanderbilt will progress and emerge as a stronger institution continuing to deliver world-class research and education for generations to come. We will prudently manage our financial resources to support the challenges and opportunities in the years that lie ahead.

Vanderbilt's audited financial statements and other key financial metrics for fiscal 2021 are included in the following pages.



Report of Independent Auditors

To the Board of Trust of The Vanderbilt University

Report on the Consolidated Financial Statements

We have audited the accompanying consolidated financial statements of The Vanderbilt University and its subsidiaries, which comprise the consolidated statements of financial position as of June 30, 2021 and 2020, 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 Vanderbilt 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 Vanderbilt 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 The Vanderbilt University and its subsidiaries as of June 30, 2021 and 2020, 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, 2021 and schedule of financial responsibility ratios as of and for the year ended June 30, 2021 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 September 30, 2021, on our consideration of The 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, 2021. 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 The Vanderbilt University's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

September 30, 2021

Vanderbilt University

Consolidated Statements of Financial Position

As of June 30, 2021 and 2020 (in thousands)

	<u>June 2021</u>	<u>June 2020</u>
ASSETS		
Cash and cash equivalents	\$ 1,124,103	\$ 629,150
Accounts receivable, net	94,267	90,935
Prepaid expenses and other assets	16,874	19,107
Contributions receivable, net	106,762	123,081
Student loans and other notes receivable, net	19,328	21,782
Investments	10,924,017	7,003,641
Investments allocable to noncontrolling interests	28,808	29,981
Right-of-use assets	62,359	64,168
Property, plant, and equipment, net	1,472,148	1,447,896
Interests in trusts held by others	34,829	27,853
Total assets	\$ 13,883,495	\$ 9,457,594
LIABILITIES		
Accounts payable and accrued liabilities	\$ 123,580	\$ 122,071
Accrued compensation and withholdings	102,478	93,471
Deferred revenue	40,552	24,764
Deferred trademark revenue	1,885,071	1,645,053
Actuarial liabilities	38,075	29,361
Government advances for student loans	18,663	21,227
Long-term debt	632,128	541,042
Fair value of securities sold short	506,093	351,425
Lease liabilities	64,527	66,622
Total liabilities	3,411,167	2,895,036
NET ASSETS		
Without donor restrictions, controlled by Vanderbilt	5,829,618	3,469,474
Without donor restrictions, related to noncontrolling interests	28,808	29,981
Total net assets without donor restrictions	5,858,426	3,499,455
With donor restrictions	4,613,902	3,063,103
Total net assets	10,472,328	6,562,558
Total liabilities and net assets	\$ 13,883,495	\$ 9,457,594

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

Vanderbilt University

Consolidated Statement of Activities

Year Ended June 30, 2021 (in thousands)

	2021		
	Without Donor Restriction	With Donor Restriction	Total
REVENUES AND OTHER SUPPORT			
Tuition and educational fees, net	\$ 361,041	\$ -	\$ 361,041
Grants and contracts:			
Government sponsors	188,306	-	188,306
Private sponsors	31,551	-	31,551
Facilities and administrative costs recovery	64,709	-	64,709
Total grants and contracts	284,566	-	284,566
Contributions	31,315	56,899	88,214
Endowment distributions	225,569	121,971	347,540
Investment income	6,364	29,087	35,451
Room, board, and other auxiliary services, net	96,040	-	96,040
Trademark, license, and royalty revenue	113,811	-	113,811
Affiliated entity revenue	180,664	-	180,664
Other sources	107,841	-	107,841
Net assets released from restrictions	123,981	(123,981)	-
Total revenues and other support	1,531,192	83,976	1,615,168
EXPENSES			
Salaries, wages, and benefits	727,226	-	727,226
Supplies, services, and other	429,450	-	429,450
Interest expense	19,506	-	19,506
Depreciation	104,791	-	104,791
Grants to affiliate	25,816	-	25,816
Total expenses	1,306,789	-	1,306,789
Results of operations	224,403		
OTHER CHANGES IN NET ASSETS			
Change in appreciation of endowment, net of distributions	2,131,810	1,455,927	3,587,737
Change in appreciation of other investments, net of distributions	220	-	220
Contributions for capital improvements	-	14,607	14,607
Net assets released from restrictions for capital improvements	3,849	(3,849)	-
Nonoperating net asset reclassifications	(138)	138	-
Total other changes in net assets	2,135,741	1,466,823	3,602,564
Changes in net assets controlled by Vanderbilt	2,360,144	1,550,799	3,910,943
Changes in net assets related to noncontrolling interests	(1,173)	-	(1,173)
Total changes in net assets	\$ 2,358,971	\$ 1,550,799	\$ 3,909,770
Net assets, June 30, 2020	\$ 3,499,455	\$ 3,063,103	\$ 6,562,558
Net assets, June 30, 2021	\$ 5,858,426	\$ 4,613,902	\$ 10,472,328

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 AND OTHER SUPPORT			
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	257,964	-	257,964
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	1,462,882	49,006	1,511,888
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	1,287,913	-	1,287,913
Results of operations	174,969		
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	(196,094)	(130,675)	(326,769)
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	\$ (29,250)	\$ (81,669)	\$ (110,919)
Net assets, June 30, 2019	\$ 3,528,705	\$ 3,144,772	\$ 6,673,477
Net assets, June 30, 2020	\$ 3,499,455	\$ 3,063,103	\$ 6,562,558

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

Vanderbilt University

Consolidated Statements of Cash Flows

Years Ended June 30, 2021 and 2020 (in thousands)

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in total net assets	\$ 3,909,770	\$ (110,919)
Adjustments to reconcile change in total net assets to net cash provided by operating activities:		
Change in net assets related to noncontrolling interests	1,173	8,125
Realized and unrealized (gain) loss on investments, net	(4,065,829)	32,118
Contributions for capital improvements and endowment	(49,915)	(36,470)
Contributions of donated securities	(27,537)	(36,714)
Proceeds from sale of donated securities	7,953	4,719
Depreciation	104,791	93,682
Amortization of bond discounts and premiums	41	(6,834)
Amortization of right-of-use assets	12,960	(9,807)
Payments to terminate interest rate exchange agreements	-	(29,699)
Loss from disposals of property, plant, and equipment	2,259	5,194
Net change in fair value of interest rate exchange agreements	-	(22,742)
Change in:		
Accounts receivable, net of accrued investment income	(3,609)	(2,784)
Prepaid expenses and other assets	2,233	(318)
Contributions receivable, net	16,319	(134)
Interests in trusts held by others	(2,945)	2,372
Accounts payable and accrued liabilities, net of nonoperating items	17,957	5,491
Accrued compensation and withholdings	9,007	7,368
Deferred revenue	15,788	(5,156)
Deferred trademark revenue	240,018	300,383
Actuarial liabilities	8,714	(4,183)
Lease liabilities	(13,246)	12,261
Net cash provided by operating activities	185,902	205,953
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of investments	(9,490,344)	(8,966,496)
Proceeds from sales of investments	9,939,296	8,735,155
Purchases of investments allocable to noncontrolling interests	(240)	(140)
Proceeds from sales of investments allocable to noncontrolling interests	9,880	5,760
Change in accrued investment income	277	176
Payments to terminate interest rate exchange agreements	-	29,699
Acquisitions of property, plant, and equipment	(147,750)	(344,572)
Student loans and other notes receivable disbursed	(1,942)	(2,208)
Principal collected on student loans and other notes receivable	4,396	3,599
Net cash provided by (used in) investing activities	313,573	(539,027)
CASH FLOWS FROM FINANCING ACTIVITIES		
Contributions for capital improvements and endowment	49,915	36,471
Change in government advances for student loans	(2,564)	(5,767)
Payments to retire or defease debt	(8,955)	(114,370)
Proceeds from new debt issuances	100,000	120,000
Proceeds from sale of donated securities restricted for capital improvements and endowment	19,584	31,996
Proceeds from noncontrolling interests in investment partnerships	240	140
Payments to noncontrolling interests in investment partnerships	(9,880)	(5,760)
Net cash provided by financing activities	148,340	62,710
Net increase (decrease) in cash, cash equivalents, and restricted cash	647,815	(270,364)
Cash and cash equivalents and restricted cash at beginning of year	\$ 1,038,853	\$ 1,309,217
Cash and cash equivalents and restricted cash at end of year	\$ 1,686,668	\$ 1,038,853
Supplemental disclosure of cash flow information:		
Cash paid for interest	\$ 20,681	\$ 19,362
Accrued liabilities related to additions of property, plant, and equipment	\$ 24,576	\$ 41,024

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 7,000 undergraduate and 6,500 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.

	2021	2020
Cash and cash equivalents	\$ 1,124,103	\$ 629,150
Cash included in investments	562,565	409,703
Total cash and cash equivalents and restricted cash shown in the consolidated statements of cash flows	\$ 1,686,668	\$ 1,038,853

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.

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 fine art and library collections 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.

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 statements 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 statements of activities by natural classification.

The university's nonoperating activity within the consolidated statements 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.

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, 2020, Vanderbilt prospectively adopted Accounting Standards Update (ASU) 2019-03, Not-for-Profit Entities (Topic 958) Updating the Definition of Collections. ASU 2019-03 improves the definition of collections in the Financial Accounting Standards Board (FASB) Master Glossary by realigning it with the definition in the American Alliance of Museums' Code of Ethics for Museums and introduces enhanced disclosure requirements. The adoption of this ASU did not materially impact the consolidated financial statements and related disclosures.

Recent Accounting Pronouncements

In June 2016, the FASB issued ASU 2016-13, Financial Instruments – Credit Losses (Topic 326) Measurement of Credit Losses on Financial Statements. ASU 2016-13 introduces an approach based on expected losses to estimate credit losses on certain types of financial instruments. The amendments of ASU 2016-13 are intended to provide financial statement users with more decision-useful information related to expected credit losses on financial instruments and other commitments to extend credit by replacing the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to determine credit loss estimates. ASU 2016-13 was originally effective for fiscal years beginning after December 15, 2020, and interim periods within fiscal years beginning after December 15, 2021. In November of 2019, the FASB issued ASU 2019-10, Financial Instruments – Credit Losses (Topic 326), Derivatives and Hedging (Topic 815), and Leases (Topic 842) Effective Dates, which deferred the effective dates of these standards for certain entities. Based on the updated guidance, ASU 2016-13 is effective fiscal years beginning after December 15, 2022, including interim periods within those fiscal years.

In September 2020, the FASB issued ASU 2020-07, Not-for-Profit Entities (Topic 958) Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets. The amendments apply to Not-for-Profit entities that receive contributed nonfinancial assets. The amendments address presentation and disclosure of contributed nonfinancial assets. The term “nonfinancial asset” includes fixed assets (such as land, buildings, and equipment), use of fixed assets or utilities, materials and supplies, intangible assets, services, and unconditional promises of those assets. The amendments in ASU 2020-07 should be applied on a retrospective basis and are effective for annual periods beginning after June 15, 2021, and interim periods within annual periods beginning after June 15, 2022. Vanderbilt is currently evaluating the effect of adoption to the financial statements.

3. LIQUIDITY AND AVAILABILITY

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

	2021	2020
Total assets	\$ 13,883,495	\$ 9,457,594
Less nonfinancial assets:		
Property, plant, and equipment, net	1,472,148	1,447,896
Prepaid expenses and other assets	16,874	19,107
Right-of-use assets	62,359	64,168
Less assets unavailable for general expenditure within one year:		
Endowment funds, including institutional endowments ^{1,2}	11,434,606	7,268,796
Contributions receivable, greater than one year	93,702	111,371
Interests in trusts held by others and investments allocable to minority interests	63,637	57,834
Annuities, trusts and other illiquid investments	32,813	26,568
Student loans and other notes receivable, net	19,328	21,782
Financial assets available within one year	\$ 688,028	\$ 440,072

¹ Total endowment net assets as of June 30, 2021, of \$10,928.5 million comprises \$10,805.3 million of endowment funds recorded as “Investments” on the consolidated statements of financial position, \$629.3 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 \$506.1 million reflected in “Fair value of securities sold short” in the consolidated statements of financial position.

² Total endowment net assets as of June 30, 2020, 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.

Vanderbilt University

Vanderbilt has \$688.0 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 \$494.8 million, accounts receivable of \$94.3 million, contributions receivable, less than one year of \$13.1 million, and short-term investments of \$85.8 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, 2021, with no outstanding borrowings under this agreement. The line of credit agreement expired in September 2021 and was renewed upon expiration. Additionally, in fiscal 2021, Vanderbilt renewed two separate additional general lines of credit totaling \$75 million and \$50 million, respectively. The \$75 million line of credit matures in June 2022 and the \$50 million line of credit matures in May 2022. In fiscal years 2021 and 2020, 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, 2021.

Vanderbilt provides liquidity support for debt with short-term remarketing periods through self-liquidity. Additionally, Vanderbilt has institutional endowments of \$6,392.0 million as of June 30, 2021. 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 12 for disclosures about investments).

4. ACCOUNTS RECEIVABLE

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

	2021	2020
VUMC-related agreements	\$ 53,476	\$ 46,842
Research and sponsored programs	34,842	35,188
Tuition and fees	3,047	2,418
Accrued investment income	884	1,161
Other	4,748	8,154
Accounts receivable	96,997	93,763
Less: Allowance for uncollectible amounts	(2,730)	(2,828)
Accounts receivable, net	\$ 94,267	\$ 90,935

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, 2021, includes \$53.4 million related to agreements with VUMC and \$34.8 million related to research and sponsored programs. These receivables account for 94% of total net receivables as of June 30, 2021.

5. CONTRIBUTIONS RECEIVABLE

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

	2021	2020
Unconditional promises expected to be collected:		
in one year or less	\$ 13,060	\$ 11,710
between one year and five years	90,614	115,837
in more than five years	19,807	9,431
Contributions receivable	123,481	136,978
Less: Discount	(1,429)	(634)
Less: Allowance for uncollectible promises	(15,290)	(13,263)
Contributions receivable, net	\$ 106,762	\$ 123,081

Vanderbilt discounts contributions receivable at a rate commensurate with the scheduled timing of receipt. Vanderbilt applied discount rates ranging from 0.1% to 1.0% to amounts outstanding as of June 30, 2021 and 2020. 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.

Vanderbilt University

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

	2021	2020
Restricted for programs and other operational purposes	\$ 28,460	\$ 17,089
Restricted for capital improvements	32,310	35,745
Restricted for endowment	45,992	70,247
Contributions receivable, net	\$ 106,762	\$ 123,081

In addition to pledges reported as contributions receivable, Vanderbilt had cumulative bequest intentions and conditional promises to give of approximately \$574.8 million and \$531.0 million as of June 30, 2021 and 2020, 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*):

	2021			2020		
	Receivable	Allowance	Net	Receivable	Allowance	Net
Student loans:						
Federal	\$ 16,970	\$ (125)	\$ 16,845	\$ 18,521	\$ (105)	\$ 18,416
Institutional	2,526	(556)	1,970	3,217	(575)	2,642
Total student loans	19,496	(681)	18,815	21,738	(680)	21,058
Faculty mortgages	513	-	513	724	-	724
Student loans, other notes receivable, and related allowances	\$ 20,009	\$ (681)	\$ 19,328	\$ 22,462	\$ (680)	\$ 21,782

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 canceled 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*):

	2021	2020
Short-term securities ¹	\$ 207	\$ 144
Global equities ¹	2,618,367	2,042,582
Fixed income ¹	790,994	668,993
Hedged strategies ⁵	2,543,523	1,825,953
Private capital ³	4,000,321	1,889,593
Real estate ³	222,252	163,199
Natural resources ³	495,264	300,834
Commodities ²	213,498	96,918
Trusts ⁴	32,813	26,568
Private credit ¹	8,211	-
Other investments ⁴	27,375	18,838
Total value ⁶	\$ 10,952,825	\$ 7,033,622
Total cost	\$ 6,511,088	\$ 5,716,770

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 \$562.6 million and \$409.7 million of cash and cash equivalents classified as investments in fiscal 2021 and 2020, respectively.

⁶ Net of securities sold short of \$506.1 million and \$351.4 million, total value of investments is \$10,446.7 million and \$6,682.2 million in fiscal 2021 and 2020, respectively.

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, 2021, were as follows:

Fair value as of June 30, 2020	\$ 29,981
Distributions to minority limited partners	(9,880)
Capital commitments funded by minority limited partners	240
Appreciation allocable to minority limited partners	8,467
Fair value as of June 30, 2021	\$ 28,808

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 toward 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.

Vanderbilt University

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 nonendowed trusts.

Private credit includes privately originated or negotiated investments, comprising potentially higher yielding, illiquid opportunities across a range of risk and return profiles. They are not traded on the public markets.

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 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 2021 and 2020, 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*):

	Without Donor Restrictions	With Donor Restrictions	Total
2021			
Endowments with donor restrictions	\$ -	\$ 4,228,470	\$ 4,228,470
Reinvested distributions of donor-restricted endowments	177,822	130,236	308,058
Institutional endowments	6,391,984	-	6,391,984
Endowment net assets as of June 30, 2021	\$ 6,569,806	\$ 4,358,706	\$ 10,928,512

Vanderbilt University

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.

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

	2021	2020
Student scholarships	\$ 1,693,435	\$ 1,093,497
Endowed chairs	1,236,272	803,254
Operational support, not yet appropriated	791,757	523,072
Program support	353,024	228,564
Research	105,540	68,585
Capital improvements	53,210	33,587
Faculty support and lectureships	50,377	31,547
Other	75,091	47,790
Total endowments with donor restrictions	\$ 4,358,706	\$ 2,829,896

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.

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, 2021 and 2020, Vanderbilt had zero and 159 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:

	2021	2020
Aggregate original gift amount	\$ -	\$ 107,163
Aggregate fair value	-	104,438
Aggregate deficiency	\$ -	\$ 2,725

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

2021	Without Donor Restrictions	With Donor Restrictions	Total
Endowment net assets as of June 30, 2020	\$ 4,087,475	\$ 2,829,896	\$ 6,917,371
Endowment investment return, net	2,338,031	1,596,850	3,934,881
Gifts and additions to endowment, net	350,901	72,899	423,800
Endowment distributions	(206,601)	(140,939)	(347,540)
Endowment net assets as of June 30, 2021	\$ 6,569,806	\$ 4,358,706	\$ 10,928,512

Vanderbilt University

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

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

9. PROPERTY, PLANT, AND EQUIPMENT

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

	2021	2020
Land	\$ 183,338	\$ 183,399
Buildings and improvements	2,099,304	1,836,830
Moveable equipment	347,034	351,882
Construction in progress	108,394	271,162
Property, plant, and equipment	2,738,070	2,643,273
Less: Accumulated depreciation	(1,265,922)	(1,195,377)
Property, plant, and equipment, net	\$ 1,472,148	\$ 1,447,896

Buildings and improvements include \$14.4 million and \$15.6 million of leasehold improvements in the years ended June 30, 2021 and 2020, respectively. 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 fine art and library collections are not included in the amounts above as Vanderbilt expenses such items at the time of purchase. As of June 30, 2021, the estimated replacement cost, including processing costs to properly identify, catalog, and shelve materials, for library collections totaled \$445.6 million and for fine art collections totaled \$42.2 million. Any proceeds from deaccessioned collection items are used for the direct care of existing collections. Direct care is an investment that enhances the life, usefulness, or quality of the collection.

Vanderbilt reported capitalized interest of \$1.9 million and \$4.7 million to construction in progress and/or buildings and improvements in the years ended June 30, 2021 and 2020, respectively.

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 2021 or 2020.

Vanderbilt identified conditional asset retirement obligations, primarily for the costs of asbestos removal and disposal, resulting in liabilities of \$3.0 million and \$2.8 million as of June 30, 2021 and 2020, 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% as of June 30, 2021 and 2020, and a discount rate of 2.49% and 3.33% as of June 30, 2021 and 2020, respectively, based on relevant factors at origination.

Vanderbilt University

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, 2021	Fiscal 2021 Effective Interest Rate	Outstanding Principal	
				2021	2020
FIXED-RATE DEBT					
Series 2016 - Taxable	2047	1.45%–3.44%	3.1%	118,965	122,120
Series 2018 – Private Placement	2049	3.93%	3.9%	300,000	300,000
Series 2019 – Private Placement	2038	2.51%	2.5%	114,200	120,000
Series 2020 – Private Placement	2050	3.00%	3.0%	100,000	-
Fixed-rate debt (par amount)			3.4%	\$ 633,165	\$ 542,120
Cost of Issuance			-	(1,037)	(1,078)
Total long-term debt			3.4%	\$ 632,128	\$ 541,042

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

Payments for interest costs occur on varying scheduled payment dates for debt. Vanderbilt calculates accrued interest expense for its debt based on applicable interest rates for the respective fiscal year. Interest expense of \$19.5 million and \$13.7 million in fiscal 2021 and 2020, respectively, is net of capitalized interest of \$1.9 million and \$4.7 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*):

2022	\$ 8,665
2023	8,885
2024	16,125
2025	16,345
2026	16,605
Thereafter	566,540
Total long-term debt principal retirements	\$ 633,165

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.

Vanderbilt University

11. NET ASSETS

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

2021	Without donor restriction	With donor restriction	Total
Operations	\$ 185,977	\$ -	\$ 185,977
Deferred trademark license revenue	(1,885,071)	-	(1,885,071)
Net investment in plant	958,906	-	958,906
Endowment funds	6,569,806	4,358,706	10,928,512
Donor pledges and gifts	-	163,515	163,515
Split-interest agreements	-	91,681	91,681
Net assets controlled by Vanderbilt	5,829,618	4,613,902	10,443,520
Net assets related to noncontrolling interests	28,808	-	28,808
Total net assets as of June 30, 2021 ¹	\$ 5,858,426	\$ 4,613,902	\$ 10,472,328

¹ Total net assets with donor restrictions as of June 30, 2021, includes net asset with donor restrictions; restricted in perpetuity of \$1,598,094.

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.

12. 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, 2020	Net realized and unrealized gains (losses) ¹	Purchases	Sales	Transfers into/(out of) level 3	Ending balance as of June 30, 2021
LEVEL 3 ASSETS						
Private capital	\$ 2,368	\$ 1,051	\$ -	\$ (3,419)	\$ -	\$ -
Real estate	18	-	-	(2)	-	16
Natural resources	28,268	2,516	-	(15,558)	-	15,226
Trusts	26,568	7,690	1,480	(2,925)	-	32,813
Other investments	2,171	113	-	(847)	-	1,437
Interests in trusts held by others	27,853	7,669	-	(693)	-	34,829
Total Level 3	\$ 87,246	\$ 19,039	\$ 1,480	\$ (23,444)	\$ -	\$ 84,321

¹Total unrealized gains/(losses) relating to level 3 investment assets held by the university at June 30, 2021, is \$13,964.6 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, 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 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.

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, private credit, and other investments are illiquid as of June 30, 2021. 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, 2021						
	Fair Value Measurements					Total
	Level 1	Level 2	Level 3	NAV		
Cash and cash equivalents	\$ 1,124,103	\$ -	\$ -	\$ -	\$ -	\$ 1,124,103
Short-term securities	207	-	-	-	-	207
Global equities	2,092,745	64,185	-	461,437	-	2,618,367
Fixed income	281,688	509,306	-	-	-	790,994
Hedged strategies	1,444,050	662,050	-	437,423	-	2,543,523
Private capital	13,991	2,216	-	3,984,114	-	4,000,321
Real estate	-	-	16	222,236	-	222,252
Natural resources	258	-	15,226	479,780	-	495,264
Commodities	213,498	-	-	-	-	213,498
Trusts	-	-	32,813	-	-	32,813
Private credit	-	-	-	8,211	-	8,211
Other investments	5,397	20,541	1,437	-	-	27,375
Interests in trusts held by others	-	-	34,829	-	-	34,829
Total assets reported at fair value	\$ 5,175,937	\$ 1,258,298	\$ 84,321	\$ 5,593,201	\$ -	\$ 12,111,757

Liabilities Reported at Fair Value as of June 30, 2021						
Securities sold short	\$ 416,017	\$ 90,076	\$ -	\$ -	\$ -	\$ 506,093
Total liabilities reported at fair value	\$ 416,017	\$ 90,076	\$ -	\$ -	\$ -	\$ 506,093

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

Vanderbilt University

Redemption Terms and Restrictions as of June 30, 2021 and 2020

	2021 Fair Value	Redemption Terms	Redemption Restrictions
Cash and cash equivalents	\$ 1,124,103	Daily, with same-day to 90-day notice	No restrictions
Short-term securities	207	Daily, with 1-day notice	No restrictions
Global equities	2,618,367	Daily to annually, with 1- to 90-day notice	Lock-up provision ranging from none to 2 years
Fixed income	790,994	Daily to annually, with 1- to 365-day notice	No restrictions
Hedged strategies	2,543,523	Daily to annually, with 15- to 90-day notice	Lock-up provision ranging from none to 2 years
Private capital	4,000,321	N/A	Not redeemable
Real estate	222,252	N/A	Not redeemable
Natural resources	495,264	N/A	Not redeemable
Commodities	213,498	Daily, with 1- to 30-day notice	No restrictions
Trusts	32,813	N/A	Not redeemable
Private credit	8,211	N/A	Not redeemable
Other investments	27,375	N/A	Not redeemable
Interests in trusts held by others	34,829	N/A	Not redeemable

13. LEASES

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 statements 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 10 years through fiscal 2032. 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 statements 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*):

	2021	2020
Operating lease expense	\$ 13,229	\$ 12,940
Short-term lease expense	5,620	2,510
Total lease expense	\$ 18,849	\$ 15,450

Other lease information

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

Operating cash flows from operating leases	\$ 13,667
Right-of-use assets obtained in exchange for new operating lease liabilities	\$ 2,316
Weighted-average remaining lease term - operating leases	6.36 Years
Weighted-discount rate - operating leases	2.48%

Vanderbilt University

The undiscounted cash flows due by fiscal year related to significant noncancelable operating leases with initial terms in excess of one year as of June 30, 2021, along with a reconciliation to the discounted amount recorded as of June 30, 2021, were as follows (*in thousands*):

2022	\$ 12,897
2023	12,675
2024	12,364
2025	12,173
2026	12,024
Thereafter	7,371
<hr/>	
Total undiscounted cash flows	\$ 69,504
<hr/>	
Less amount representing imputed interest	4,977
<hr/>	
Total lease obligation	\$ 64,527

Property leases for buildings owned by Vanderbilt University Medical Center (54%) and 2100 West End Avenue (28%) account for approximately 82% of the total future minimum rentals as of June 30, 2021.

Vanderbilt is the lessor in several long-term noncancelable 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, 2021.

Future minimum operating rental revenue due as of June 30, 2021, is summarized below (*in thousands*):

2022	\$ 31,105
2023	30,467
2024	30,074
2025	30,101
2026	29,463
Thereafter	1,740,799
<hr/>	
Total future minimum rentals	\$ 1,892,009

14. REVENUE RECOGNITION

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

	2021	2020
Tuition and educational fees, net		
Undergraduate [net of financial aid, \$176,515 and \$155,586, respectively]	\$ 210,096	\$ 208,413
Professional [net of financial aid, \$58,349 and \$58,150, respectively]	142,434	132,206
Graduate [net of financial aid, \$52,153 and \$50,872, respectively]	8,511	8,949
Total tuition and educational fees, net	361,041	349,568
Grants:		
Government sponsors ¹	152,265	129,181
Private sponsors ¹	8,243	10,049
Facilities and administrative costs recovery ¹	40,756	41,650
Contracts:		
Government sponsors ²	36,041	36,351
Private sponsors ³	23,308	20,150
Facilities and administrative costs recovery ⁴	23,953	20,583
Total grants and contracts	284,566	257,964
Contributions ¹	88,214	84,842
Endowment distributions ¹	347,540	310,980
Investment income ¹	35,451	15,223
Room, board, and other auxiliary services, net		
Room and board, net [net of financial aid, \$26,376 and \$38,661, respectively]	30,097	39,161
Auxiliary revenue from affiliates	34,795	35,752
Vanderbilt Legends Club	10,530	9,560
West Trace	7,318	11,026
External rental revenue ¹	6,557	11,313
Parking and vehicle registration	3,431	4,889
Commissions revenue	1,714	2,254
Other auxiliary services	1,598	3,418
Total room, board, and other auxiliary services, net	96,040	117,373
Trademark, license, and royalty revenue	113,811	113,362
Affiliated entity revenue	180,664	177,998
Other sources		
Television revenue	57,684	33,491
Tournament revenue	17,895	12,538
Miscellaneous reimbursement from third parties	8,803	-
Miscellaneous revenue from affiliate	3,927	5,338
Conference and seminar revenue	3,258	5,249
Child care operations	3,006	2,175
Student athletics ticket revenue	21	9,551
Other miscellaneous revenue	13,247	16,236
Total other sources	107,841	84,578
Total revenues and other support	\$ 1,615,168	\$ 1,511,888

¹ Not considered revenue from contracts with customers

² Revenue from government sponsors includes contracts with customers of \$34.0 million and contributions of \$2.0 million in fiscal 2021 and contracts with customers of \$33.0 million and contributions of \$3.0 million in fiscal 2020.

³ Revenue from private sponsors includes contracts with customers of \$23 million in fiscal 2021 and contracts with customers of \$20 million in fiscal 2020.

⁴ Revenue from facilities and administrative costs recovery includes contracts with customers of \$23 million and contributions of \$1 million in fiscal 2021 and contracts with customers of \$19 million and contributions of \$1 million in fiscal 2020.

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 is recognized by Vanderbilt 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 2021 and in fiscal 2020. Vanderbilt's federal F&A off-campus research adjacent and remote cost recovery rate was 29.4% in fiscal 2021 and in fiscal 2020.

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 \$331.6 million. In February 2021, Vanderbilt sold 29 years of an additional portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$277.2 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.

15. 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
2021						
Salaries, wages, and benefits	\$ 342,719	\$ 126,654	\$ 71,517	\$ 540,890	\$ 186,336	\$ 727,226
Supplies, services, and other	143,498	71,539	45,901	260,938	168,512	429,450
Interest	2,459	1,024	753	4,236	15,270	19,506
Depreciation	22,861	16,926	11,662	51,449	53,342	104,791
Grants to affiliate	-	25,816	-	25,816	-	25,816
Total expenses	\$ 511,537	\$ 241,959	\$ 129,833	\$ 883,329	\$ 423,460	\$ 1,306,789

	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

16. RETIREMENT PLANS

Vanderbilt's eligible faculty and staff members participate in a 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 2021 and 2020 were \$21.0 million and \$21.2 million, respectively.

17. COMMITMENTS AND CONTINGENCIES

(A) *Construction.* As of June 30, 2021, Vanderbilt had contractual commitments for approximately \$196.9 million of projects under construction and equipment purchases. The largest component of this commitment amount was for residential college hall construction for \$155.8 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 pretrial 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 \$1,047.3 million of commitments to venture capital, real estate, and private equity investments as of June 30, 2021. 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 \$8.5 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.

18. 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 19 to the consolidated financial statements for discussion regarding the ongoing economic relationship between Vanderbilt and VUMC.

19. 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 \$331.6 million. This securitization occurred on a true-sale basis. In February 2021, Vanderbilt securitized 29 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$277.2 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.

20. SUBSEQUENT EVENTS

Vanderbilt evaluated events subsequent to June 30, 2021, through September 30, 2021, the date of issuance of the consolidated financial statements.

On July 12, 2021, Vanderbilt issued \$50.0 million of taxable commercial paper to support a strategic asset acquisition and other capital plans.

On July 15, 2021, Vanderbilt completed a strategic asset acquisition of land and property for a total purchase consideration of \$55.0 million. This transaction will be recorded as an asset acquisition in accordance with Accounting Standards Codification (ASC) 805, Business Combinations.

On July 20, 2021, Vanderbilt reached a settlement related to litigation for unpaid royalties and vindication of other intellectual property claims in the middle district of Tennessee. As part of the settlement, Vanderbilt received \$30.0 million.

Vanderbilt did not identify any other material subsequent events for recognition or disclosure.

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 11 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, 2021 (*in thousands*):

Primary Reserve Ratio	2021	Calculation
Expendable net assets		
Net assets without donor restrictions, controlled by Vanderbilt	\$ 5,829,618	
Net assets with donor restrictions	4,613,902	
Less net assets with donor restrictions: restricted in perpetuity	(1,598,094)	
Less property, plant, and equipment, net	(1,472,148)	
Long-term debt	632,128	
Total expendable net assets		8,005,406
Total expenses without donor restrictions and losses without donor restrictions		
Total expenses	1,306,789	
Nonoperating net asset reclassifications	138	
Total expenses without donor restrictions and losses without donor restrictions		1,306,927
Total		6.13

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, 2021 (*in thousands*):

Equity Ratio	2021	Calculation
Modified net assets		
Total net assets	\$ 10,472,328	
Less net assets without donor restrictions, related to noncontrolling interests	(28,808)	
Total modified net assets		10,443,520
Modified Assets		
Total assets	13,883,495	
Less net assets without donor restrictions, related to noncontrolling interests	(28,808)	
Total modified assets		13,854,687
Total		0.75

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 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, 2021 (*in thousands*):

Net Income Ratio	2021	Calculation
Change in net assets without donor restrictions		
Results of operations	\$ 224,402	
Total change in net assets without donor restrictions		224,402
Total unrestricted revenue without donor restrictions and gains without donor restrictions		
Total revenues without donor restrictions	1,531,192	
Appreciation of endowment, net of distributions	2,131,810	
Appreciation of other investments, net of distributions	220	
Net assets released from restrictions for capital improvement	3,849	
Total unrestricted revenue without donor restrictions and gains without donor restrictions		3,667,071
Total		0.06

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:

2021	Calculation	Strength Factor	Weight	Composite
Primary Reserve Ratio	6.13	3.00	40%	1.20
Equity Ratio	0.75	3.00	40%	1.20
Net Income Ratio	0.06	3.00	20%	0.60
Total			100%	3.00



vanderbilt.edu | September 2021

Part II - Schedule of Expenditures of Federal Awards

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
Research And Development Cluster							
US Department of Agriculture	Pass-Through	TN Department of Agriculture	TBD	10.025	Plant and Animal Disease, Pest Control, and Animal Care	233,501	-
US Department of Agriculture	Direct		2018-08145	10.310	Agriculture and Food Research Initiative (AFRI)	233,501	-
US Department of Agriculture	Direct		2019-67021-29857	10.310	Agriculture and Food Research Initiative (AFRI)	59,877	-
US Department of Agriculture	Direct		2019-67012-29718	10.310	Agriculture and Food Research Initiative (AFRI)	183,609	-
US Department of Agriculture	Pass-Through	Texas A & M University	M1902795	10.310	Agriculture and Food Research Initiative (AFRI)	63,145	-
US Department of Agriculture	Pass-Through	VUMC	2017-680001-26352/VU	10.310	Agriculture and Food Research Initiative (AFRI)	7,019	-
Total US Department of Agriculture						311,246	-
US Department of Commerce	Direct		70NAN818H198	11.013	Education Quality Award Ambassadorship	544,747	-
US Department of Commerce	Direct		70NAN818H245	11.609	Measurement and Engineering Research and Standards	8,596	-
US Department of Commerce	Direct		70NAN819H100	11.609	Measurement and Engineering Research and Standards	7,168	-
US Department of Commerce	Direct		70NAN820H020	11.609	Measurement and Engineering Research and Standards	19,160	-
US Department of Commerce	Direct		70NAN820H202	11.609	Measurement and Engineering Research and Standards	60,854	-
Total US Department of Commerce						65,796	-
						152,978	-
US Department of Navy	Pass-Through	Defense Advanced Research Projects Agency	N66001-18-C-4005	12.RD	Department of Defense	161,574	-
National Security Agency	Direct		H98230-18-D-0010	12.RD	Department of Defense	750,163	301,766
US Department of Air Force	Pass-Through	Defense Advanced Research Projects Agency	FA8750-18-C-0089_HR0011832306	12.RD	Department of Defense	478,482	155,234
Boeing Company	Direct		1527371	12.RD	Department of Defense	1,905,938	-
US Department of Air Force	Pass-Through	Massachusetts Institute of Technology	FA8702-15-D-0001_7000437184	12.RD	Department of Defense	194,708	-
Defense Advanced Research Projects Agency	Pass-Through	SRI International Corporation	P030123_HR001118C0015	12.RD	Department of Defense	80,162	-
National Security Agency	Direct		H98230-18-D-0010	12.RD	Department of Defense	100,707	-
US Department of Navy	Direct		N0002419C4302	12.RD	Department of Defense	176,314	176,314
National Security Agency	Pass-Through		H98230-18-D-0010	12.RD	Department of Defense	26,823	-
US Department of Air Force	Pass-Through	AEGIS Technologies Group, Inc	002-19-6022-STR-VUJ/FA8650-19-	12.RD	Department of Defense	112,491	-
US Department of Air Force	Pass-Through	Allion Science & Technology	FA807514D0014_SUB1118166-002	12.RD	Department of Defense	902	-
US Department of Army	Direct		W52P1J1993008	12.RD	Department of Defense	987,203	-
US Department of Air Force	Pass-Through	Securaboration, Inc.	FA8650-19-C-2934	12.RD	Department of Defense	473,984	-
US Department of Navy	Pass-Through	Qualtech Systems, Inc.	N6839518C0794-QSI-DCS-19-009	12.RD	Department of Defense	53,152	-
US Department of Air Force	Pass-Through	Triton Systems, Inc	TSI-4088-19-2020806	12.RD	Department of Defense	170,731	-
US Department of Army	Pass-Through	Purdue University	W52P1J2093009	12.RD	Department of Defense	88,225	-
Missile Defense Agency	Pass-Through	Creare LLC	HQ014719C7158_5685_104352	12.RD	Department of Defense	467,350	-
Defense Advanced Research Projects Agency	Direct		FA8750-20-C-0215	12.RD	Department of Defense	60,902	-
National Reconnaissance Office	Direct		NRO000-20-C-0174	12.RD	Department of Defense	1,461,584	867,583
US Department of Air Force	Pass-Through	Ragnarok Industries	2020-002	12.RD	Department of Defense	153,404	-
US Department of Air Force	Pass-Through	Southwest Research Institute	FA8750-18-C-0030	12.RD	Department of Defense	77,165	-
Defense Advanced Research Projects Agency	Direct		UNV 61741	12.RD	Department of Defense	273,150	-
US Department of Air Force	Direct		FA8750-20-C-0537	12.RD	Department of Defense	228,845	-
US Department of Army	Direct		W81XWH-20-2-0064	12.RD	Department of Defense	965,151	45,389
US Department of Air Force	Pass-Through	Southwest Research Institute	P99023N	12.RD	Department of Defense	80,009	-
US Department of Army	Pass-Through	Texas Tech University	21C003-01	12.RD	Department of Defense	212,535	-
US Department of Navy	Pass-Through	Sikorsky Aircraft Corporation	PO-6500621490	12.RD	Department of Defense	68,494	-
US Department of Army	Pass-Through	Rentec LLC	W912H221P0012	12.RD	Department of Defense	104,055	-
US Department of Air Force	Pass-Through	L3Harris Technologies	SW11-00095	12.RD	Department of Defense	52,921	-
US Department of Army	Pass-Through	Civil-Military Innovation Institute	2021-ARL-TRACA-PP-VANCMIIDY-00	12.RD	Department of Defense	71,911	-
US Department of Army	Pass-Through	VUMC	VUMC6338	12.RD	Department of Defense	69,794	-
US Department of Army	Pass-Through	VUMC	W81XWH17C0252	12.RD	Department of Defense	94,035	-
						7,785	-
US Department of Army	Pass-Through	Advanced Technology International	W81XWH-15-0-0001 ATI	12.114	Collaborative Research and Development	10,049,055	1,546,376
US Department of Navy	Direct		N00014-18-1-2964	12.300	Basic and Applied Scientific Research	100,727	81,154
US Department of Navy	Direct		N00014-18-1-2107	12.300	Basic and Applied Scientific Research	175,864	90,075
US Department of Navy	Direct		N00014-18-1-2568	12.300	Basic and Applied Scientific Research	174,410	58,489
US Department of Navy	Pass-Through	University of Texas at Arlington	N00014-18-1-2184-12606016561	12.300	Basic and Applied Scientific Research	150,436	-
US Department of Navy	Direct		N00174-19-1-0020	12.300	Basic and Applied Scientific Research	138,831	-
US Department of Navy	Pass-Through	Penn State University	N00014-19-1-2540 S000047-ONR	12.300	Basic and Applied Scientific Research	54,567	-
US Department of Navy	Direct		N00173-19-1-6020	12.300	Basic and Applied Scientific Research	77,672	-
US Department of Navy	Direct		N00014-20-1-2486	12.300	Basic and Applied Scientific Research	164,501	-
US Department of Navy	Direct		N00014-20-1-2719	12.300	Basic and Applied Scientific Research	223,156	-
US Department of Navy	Direct		N00174201013	12.300	Basic and Applied Scientific Research	38,705	10,850
US Department of Navy	Pass-Through	Global Technology Connection, Inc.	GTC Job # 7146	12.300	Basic and Applied Scientific Research	65,192	-
US Department of Navy	Pass-Through	Precise Systems, Inc	P00000012	12.300	Basic and Applied Scientific Research	20,865	-
US Department of Navy	Direct		N00014-21-1-2468	12.300	Basic and Applied Scientific Research	369,163	-
US Department of Navy	Pass-Through	North Carolina State University	N00014-10-1-0958	12.300	Basic and Applied Scientific Research	3,441	-
US Department of Navy	Direct		N00014-17-1-2040	12.300	Basic and Applied Scientific Research	7,717	-
US Department of Air Force	Direct		FA8750-14-2-0180	12.300	Basic and Applied Scientific Research	(534)	-
						(6)	-
						1,683,980	159,414

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
Defense Threat Reduction Agency	Pass-Through	University of Florida	SUB00001985_HDTRA11910035	12.351	Scientific Research - Combating Weapons of Mass Destruction	41,416	-
Defense Threat Reduction Agency	Direct		HDTRA1-16-1-0007	12.351	Scientific Research - Combating Weapons of Mass Destruction	15,614	-
Defense Threat Reduction Agency	Pass-Through	University of Louisville	HDTRA1-15-1-0027	12.351	Scientific Research - Combating Weapons of Mass Destruction	9,023	-
Defense Threat Reduction Agency	Direct		HDTRA1-17-1-0003	12.351	Scientific Research - Combating Weapons of Mass Destruction	682,211	56,655
Defense Threat Reduction Agency	Pass-Through	University of California Los Angeles	HDTRA1-17-1-0035	12.351	Scientific Research - Combating Weapons of Mass Destruction	8,812	-
Defense Threat Reduction Agency	Direct		HDTRA1810002	12.351	Scientific Research - Combating Weapons of Mass Destruction	571,927	227,915
						<u>1,329,003</u>	<u>284,570</u>
US Department of Army	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	293,520	-
US Department of Army	Direct		W81XWH-18-1-0234	12.420	Military Medical Research and Development	149,682	6,617
US Department of Army	Direct		W81XWH-18-1-0181	12.420	Military Medical Research and Development	48,852	-
US Department of Army	Direct		W81XWH-18-1-0412	12.420	Military Medical Research and Development	91,451	19,750
US Department of Army	Direct		W81XWH-18-1-0391	12.420	Military Medical Research and Development	173,667	-
US Department of Army	Pass-Through	VUMC	VUMC66642_W81XWH180149	12.420	Military Medical Research and Development	75,558	-
US Department of Army	Direct		W81XWH-19-1-0089	12.420	Military Medical Research and Development	166,196	-
US Department of Army	Direct		W81XWH-19-1-0136	12.420	Military Medical Research and Development	111,692	-
US Department of Army	Direct		W81XWH-19-1-0355	12.420	Military Medical Research and Development	833,457	-
US Department of Army	Direct		W81XWH-20-1-0522	12.420	Military Medical Research and Development	242,309	4,165
US Department of Army	Direct		W912H2020060	12.420	Military Medical Research and Development	567,253	78,362
US Department of Army	Direct		W81XWH2010624	12.420	Military Medical Research and Development	122,804	-
US Department of Army	Direct		W81XWH2010938	12.420	Military Medical Research and Development	73,516	-
US Department of Army	Pass-Through	Iowa State University	Q22080A	12.420	Military Medical Research and Development	29,522	-
US Department of Army	Direct		W81XWH2110162	12.420	Military Medical Research and Development	50,600	-
US Department of Army	Direct		W81XWH-16-2-0052	12.420	Military Medical Research and Development	171,874	-
US Department of Army	Direct		W81XWH-16-1-0063	12.420	Military Medical Research and Development	(66)	(400)
US Department of Army	Direct		W81XWH-15-1-0438	12.420	Military Medical Research and Development	13,298	-
US Department of Army	Direct		W81XWH-15-2-0068	12.420	Military Medical Research and Development	2,721	-
US Department of Air Force	Pass-Through	Wake Forest University	W81XWH-15-1-0574 WF	12.420	Military Medical Research and Development	9,915	-
US Department of Army	Direct		W81XWH-16-1-0171	12.420	Military Medical Research and Development	116,064	-
US Department of Army	Direct		W81XWH-16-1-0064	12.420	Military Medical Research and Development	(11,258)	-
US Department of Army	Direct		W81XWH-16-1-0559	12.420	Military Medical Research and Development	180,097	-
US Department of Air Force	Pass-Through	VUMC	VUMC61516/W81XWH-17-	12.420	Military Medical Research and Development	30,497	-
US Department of Air Force	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	1,911	-
						<u>3,565,132</u>	<u>108,494</u>
US Department of Army	Direct		W911NF-18-2-0081	12.431	Basic Scientific Research	172,778	-
US Department of Army	Direct		W911NF-18-2-0176	12.431	Basic Scientific Research	3,209	-
US Department of Army	Pass-Through	VUMC	VUMC81686	12.431	Basic Scientific Research	10,148	-
US Department of Army	Pass-Through	Penn State University	S001715-USARL	12.431	Basic Scientific Research	12,310	-
US Department of Army	Direct		W911NF-21-1-0161	12.431	Basic Scientific Research	10,523	-
Defense Advanced Research Projects Agency	Direct		W911NF-14-2-0022	12.431	Basic Scientific Research	769,987	59,075
US Department of Army	Direct		W911NF-17-1-0533	12.431	Basic Scientific Research	3,029	-
US Department of Army	Direct		W911NF-17-2-0159	12.431	Basic Scientific Research	4,801	-
						<u>986,785</u>	<u>59,075</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	432,742	-
						<u>432,742</u>	<u>-</u>
US Department of Air Force	Direct		FA9550-18-1-0122	12.800	Air Force Defense Research Sciences Program	113,503	-
US Department of Air Force	Direct		FA9550-18-1-0126	12.800	Air Force Defense Research Sciences Program	121,933	82,160
US Department of Air Force	Pass-Through	Honeywell Aerospace	FA9453-17-5-0005	12.800	Air Force Defense Research Sciences Program	34,493	-
US Department of Air Force	Direct		FA8650-19-2-2214	12.800	Air Force Defense Research Sciences Program	76,073	-
US Department of Air Force	Direct		FA8650-20-2-7018	12.800	Air Force Defense Research Sciences Program	196,150	-
US Department of Air Force	Direct		FA9550-20-1-0225	12.800	Air Force Defense Research Sciences Program	110,796	-
US Department of Air Force	Direct		FA9550-15-1-0018	12.800	Air Force Defense Research Sciences Program	4,627	-
US Department of Air Force	Pass-Through	University of Dayton Research Institute	FA8650-12-D-3212/001	12.800	Air Force Defense Research Sciences Program	(2,082)	-
US Department of Air Force	Direct		FA9550-17-1-0046	12.800	Air Force Defense Research Sciences Program	222,236	-
US Department of Air Force	Direct		FA9550-17-1-0374	12.800	Air Force Defense Research Sciences Program	12,908	-
						<u>890,627</u>	<u>82,160</u>
Defense Advanced Research Projects Agency	Direct		HR0011-15-C-0120	12.910	Research and Technology Development	(503)	-
US Department of Air Force	Pass-Through	Defense Advanced Research Projects Agency	FA8750-15-2-0087	12.910	Research and Technology Development	(17,544)	-
						<u>(18,047)</u>	<u>-</u>
Total Department of Defense						<u>19,020,004</u>	<u>2,321,243</u>
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	132,372	-
Total US Department of Housing and Urban Development						<u>132,372</u>	<u>-</u>
US Department of Interior Bureau of Reclamation	Direct		R18AC00110	15.506	Water Desalination Research and Development	19,770	-
Total US Department of Interior						<u>19,770</u>	<u>-</u>
US Department of Justice	Direct		2016-CK-BK-K002	16.560	National Institute of Justice Research, Evaluation, and Development Project Grants	1,216,169	622,267
						<u>1,216,169</u>	<u>622,267</u>
US Department of Justice_Billing	Direct		MARTHA-OBRYAN-DOJ	16.817	Byrne Criminal Justice Innovation Program	80	-
						<u>80</u>	<u>-</u>
Total US Department of Justice						<u>1,216,249</u>	<u>622,267</u>

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
US Department of State	Pass-Through	Institute of International Education, Inc.	SECAGD19CA0047 UNIV59715	19.010	Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	12,475	-
US Department of State	Pass-Through	Institute of International Education, Inc.	2020-2021 Humphrey's Fellowsh	19.010	Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	207,812	-
Total US Department of State						220,287	-
US Department of Transportation	Direct		693J32045011	20.215	Highway Training and Education	4,003	-
US Department of Transportation	Direct		693J32045055	20.215	Highway Training and Education	1	-
US Department of Transportation	Direct		693J32145042	20.215	Highway Training and Education	4,855	-
US Department of Transportation	Direct		693J32145022	20.215	Highway Training and Education	5,242	-
US Department of Transportation	Direct		693J32145070	20.215	Highway Training and Education	2,113	-
US Department of Transportation	Direct					16,214	-
US Department of Transportation	Direct		693K318C00011	20.514	Public Transportation Research, Technical Assistance, and Training	59,514	-
US Department of Transportation	Pass-Through	University of Illinois at Urbana-Champaign	693J6-19-C-000024_09754717643	20.514	Public Transportation Research, Technical Assistance, and Training	67,245	-
US Department of Transportation	Pass-Through	University of Arkansas	69A3551747130 ARKANS	20.820	Maritime Studies and Innovations	126,759	-
US Department of Transportation	Pass-Through	University of Arkansas	69A3551747130 ARKANS	20.820	Maritime Studies and Innovations	132,988	-
US Department of Treasury	Direct		IPA 991054	21.RD	Department of the Treasury	132,988	-
US Department of Treasury	Direct					(325)	-
US Department of Transportation and Treasury	Direct					(325)	-
US Department of Transportation and Treasury	Direct					275,636	-
NASA Ames Research Center	Direct		80NSC19M0166	43.RD	National Aeronautics and Space Administration	95,958	-
NASA Goddard Space Flight Center	Pass-Through	Triton Systems, Inc	TSI-2620-19-2020223	43.RD	National Aeronautics and Space Administration	78,463	-
NASA Goddard Space Flight Center	Pass-Through	Alphacore, Inc	UNIV 61115	43.RD	National Aeronautics and Space Administration	21,112	-
NASA Goddard Space Flight Center	Pass-Through	X-wave Innovations, Inc	1046-2	43.RD	National Aeronautics and Space Administration	122,214	-
NASA Marshall Space Flight Center	Pass-Through	Busek Co Inc	51139	43.RD	National Aeronautics and Space Administration	33,544	-
NASA Goddard Space Flight Center	Pass-Through	CFD Research Corporation	20200741	43.RD	National Aeronautics and Space Administration	49,708	-
NASA Goddard Space Flight Center	Pass-Through	Alphacore, Inc	UNIV62044	43.RD	National Aeronautics and Space Administration	44,106	-
NASA Goddard Space Flight Center	Direct		NNX14AR53A	43.RD	National Aeronautics and Space Administration	159	159
NASA Goddard Space Flight Center	Pass-Through	Metrolaser, Inc.	METROLASER	43.RD	National Aeronautics and Space Administration	(741)	-
NASA Goddard Space Flight Center	Direct		80NSC18K0523	43.001	Science	444,523	159
NASA Goddard Space Flight Center	Direct		825K182	43.001	Science	138,453	-
NASA Goddard Space Flight Center	Pass-Through	University of Wisconsin	825K182	43.001	Science	26,783	-
NASA Jet Propulsion Lab	Direct		1635788	43.001	Science	49,218	-
NASA Goddard Space Flight Center	Direct		80NSC18K0445	43.001	Science	100,587	-
NASA Jet Propulsion Lab	Direct		1848216	43.001	Science	57,199	-
NASA Goddard Space Flight Center	Direct		80NSC20K0447	43.001	Science	125,488	-
NASA Goddard Space Flight Center	Direct		80NSC20K0597	43.001	Science	3,611	-
NASA Marshall Space Flight Center	Pass-Through	Smithsonian Institute	GOO-21015D	43.001	Science	1,954	-
NASA Goddard Space Flight Center	Direct		80NSC20K0608	43.001	Science	(891)	-
NASA Goddard Space Flight Center	Direct		80NSC21K0241	43.001	Science	59,864	-
NASA Goddard Space Flight Center	Direct		80NSC20K1450	43.001	Science	80,813	-
NASA Goddard Space Flight Center	Direct		NNX17AJ09G GODDARD	43.001	Science	157,283	-
NASA Langley Research Center	Pass-Through	George Washington University	21-506	43.002	Aeronautics	800,362	-
NASA Goddard Space Flight Center	Pass-Through	Arizona State University	17-265	43.002	Aeronautics	17,398	-
NASA Marshall Space Flight Center	Pass-Through	University of Alabama in Huntsville	2020-1175	43.003	Exploration	344,564	-
NASA Goddard Space Flight Center	Direct		80NSC20K1466	43.003	Exploration	361,962	-
NASA Marshall Space Flight Center	Pass-Through	University of Alabama in Huntsville	2020-1175	43.003	Exploration	60	-
NASA Goddard Space Flight Center	Direct		80NSC20K1466	43.003	Exploration	36,436	-
NASA Goddard Space Flight Center	Direct		80NSC20K0424	43.009	Cross Agency Support	36,496	-
NASA Langley Research Center	Direct		80NSC19K1292	43.008	Education	6,719	-
NASA Langley Research Center	Direct		80NSC20M0126	43.008	Education	253,560	43,299
NASA Langley Research Center	Pass-Through	National Institute of Aerospace	C20-202035-VU	43.008	Education	16,975	-
NASA Goddard Space Flight Center	Direct		NNX15AR73H	43.008	Education	339,606	244,225
NASA Goddard Space Flight Center	Direct					616,760	287,524
NASA Goddard Space Flight Center	Direct		80NSC20K0424	43.009	Cross Agency Support	283,886	-
NASA Goddard Space Flight Center	Direct		80NSC18K1165	43.012	Space Technology	283,886	-
NASA Goddard Space Flight Center	Direct		80NSC20K0108	43.012	Space Technology	55,246	-
NASA Armstrong Flight Research Center	Direct		80NSC20K0294	43.012	Space Technology	104,963	19,275
NASA Goddard Space Flight Center	Direct		80NSC20K0294	43.012	Space Technology	152,936	-
NASA Goddard Space Flight Center	Direct		80NSC20K1333	43.012	Space Technology	37,048	-
NASA Goddard Space Flight Center	Direct		80NSC21K0766	43.012	Space Technology	24,196	-
NASA Goddard Space Flight Center	Direct		NNX16AM57H	43.012	Space Technology	5,650	-
NASA Goddard Space Flight Center	Direct					380,039	19,275
Total National Aeronautics and Space Administration						2,924,028	306,958
National Endowment for the Arts	Pass-Through	Buffalo Fine Arts Academy aka Albright-Knox Art Gallery	1865068-38-19	45.024	Promotion of the Arts_Grants to Organizations and Individuals	4,181	-
National Endowment for the Arts	Direct		1865330-38-20	45.024	Promotion of the Arts_Grants to Organizations and Individuals	12,527	-
National Endowment for the Arts	Direct		NEAPS 1602	45.024	Promotion of the Arts_Grants to Organizations and Individuals	4,176	426
National Endowment for the Arts	Direct					20,684	426

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Endowment for the Humanities	Direct		FEL-267666-20	45.160	Promotion of the Humanities, Fellowships and Stipends	7,493	-
National Endowment for the Humanities	Direct		AKB-270212-20	45.162	Promotion of the Humanities, Teaching and Learning Resources and Curriculum Development	7,493	-
National Endowment for the Humanities	Direct		DR-272597-20	45.169	Promotion of the Humanities, Office of Digital Humanities	4,397	-
Institute of Museum Services	Pass-Through	Nashville Public Library Foundation	NAZA/NPL	45.312	National Leadership Grants	5,500	-
						5,500	-
						448	-
						448	-
Total National Endowment for the Humanities and Arts						38,522	426
National Science Foundation	Pass-Through	American Educational Research Association	AERA Dissertation Grant	47.RD	National Science Foundation	5,833	-
National Science Foundation	Pass-Through	American Educational Research Association	AERA Dissertation Grant	47.RD	National Science Foundation	7,932	-
National Science Foundation	Direct		IOS1940803	47.RD	National Science Foundation	198,337	-
National Science Foundation	Direct		CMMI1949803	47.RD	National Science Foundation	221,807	-
National Science Foundation	Pass-Through	American Educational Research Association	AERA Dissertation Grant	47.RD	National Science Foundation	10,264	-
						444,673	-
National Science Foundation	Pass-Through	Georgia Institute of Technology	RJ378-G3	47.041	Engineering Grants	92,746	-
National Science Foundation	Direct		ECCS1810088	47.041	Engineering Grants	57,543	-
National Science Foundation	Direct		CBET1805524	47.041	Engineering Grants	112,623	-
National Science Foundation	Direct		CBET1821573	47.041	Engineering Grants	9,813	-
National Science Foundation	Direct		ECCS1809937	47.041	Engineering Grants	100,731	-
National Science Foundation	Direct		CBET1828299	47.041	Engineering Grants	370,349	-
National Science Foundation	Direct		CBET1805126	47.041	Engineering Grants	75,277	-
National Science Foundation	Direct		CMMI1853913	47.041	Engineering Grants	4,969	-
National Science Foundation	Pass-Through	University of Maryland College Park	66507-Z3302202	47.041	Engineering Grants	117,328	-
National Science Foundation	Direct		CBET1847029	47.041	Engineering Grants	15,289	-
National Science Foundation	Direct		CMMI1846860	47.041	Engineering Grants	48,293	-
National Science Foundation	Pass-Through	University of Illinois at Urbana-Champaign	CMMI1727785	47.041	Engineering Grants	62,771	-
National Science Foundation	Direct		ECC1916534	47.041	Engineering Grants	158,343	32,152
National Science Foundation	Direct		ECC1933109	47.041	Engineering Grants	111,334	-
National Science Foundation	Direct		CMMI1903645	47.041	Engineering Grants	44,697	-
National Science Foundation	Direct		CBET1903685	47.041	Engineering Grants	20,936	-
National Science Foundation	Pass-Through	VenoStent, Inc	IP1927086	47.041	Engineering Grants	4,144	-
National Science Foundation	Direct		IP1948672	47.041	Engineering Grants	21,422	-
National Science Foundation	Direct		CBET1921320	47.041	Engineering Grants	89,699	-
National Science Foundation	Direct		EFMA1935278	47.041	Engineering Grants	520,538	158,384
National Science Foundation	Direct		IP14951810	47.041	Engineering Grants	5,226	-
National Science Foundation	Direct		IP1956308	47.041	Engineering Grants	5,604	-
National Science Foundation	Direct		IP1954696	47.041	Engineering Grants	700	-
National Science Foundation	Direct		CBET1944134	47.041	Engineering Grants	97,303	-
National Science Foundation	Direct		CMMI1944559	47.041	Engineering Grants	12,894	-
National Science Foundation	Direct		IP2011066	47.041	Engineering Grants	19,173	-
National Science Foundation	Pass-Through	Third Floor Materials, Inc	UNIV61491	47.041	Engineering Grants	84,236	-
National Science Foundation	Direct		ECCS2028001	47.041	Engineering Grants	43,244	-
National Science Foundation	Direct		CMMI2029181	47.041	Engineering Grants	96,481	-
National Science Foundation	Direct		IP2040558	47.041	Engineering Grants	17,383	-
National Science Foundation	Direct		CBET2017998	47.041	Engineering Grants	22,080	-
National Science Foundation	Direct		CMMI2019796	47.041	Engineering Grants	80,839	-
National Science Foundation	Direct		IP2037902	47.041	Engineering Grants	843	-
National Science Foundation	Pass-Through	Cornell University	136009-20811	47.041	Engineering Grants	32,209	-
National Science Foundation	Direct		CBET2033800	47.041	Engineering Grants	112,309	-
National Science Foundation	Direct		CBET2035085	47.041	Engineering Grants	5,074	-
National Science Foundation	Direct		ECCS2037673	47.041	Engineering Grants	15,894	-
National Science Foundation	Direct		IP2114843	47.041	Engineering Grants	22,111	-
National Science Foundation	Direct		IP2120154	47.041	Engineering Grants	13,615	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		CBET1554623	47.041	Engineering Grants	63,666	-
National Science Foundation	Direct		CBET1604426	47.041	Engineering Grants	30,146	-
National Science Foundation	Direct		CMMI1634856	47.041	Engineering Grants	39,770	-
National Science Foundation	Direct		CMMI1563389	47.041	Engineering Grants	(2)	-
National Science Foundation	Direct		CMMI1635717	47.041	Engineering Grants	36,561	-
National Science Foundation	Direct		ECCI642895	47.041	Engineering Grants	108,322	-
National Science Foundation	Direct		CBET1606005	47.041	Engineering Grants	28,720	-
National Science Foundation	Direct		CBET1705048	47.041	Engineering Grants	100,344	-
National Science Foundation	Direct		CBET1705714	47.041	Engineering Grants	21,198	-
National Science Foundation	Direct		CMMI1727863	47.041	Engineering Grants	13,075	-
National Science Foundation	Direct		CMMI1734461	47.041	Engineering Grants	138,683	-
National Science Foundation	Direct		CBET1706956	47.041	Engineering Grants	99,266	-
National Science Foundation	Direct		IP1735762	47.041	Engineering Grants	140,138	-
National Science Foundation	Direct		CBET1706155	47.041	Engineering Grants	181,646	-
						<u>3,748,396</u>	<u>190,536</u>
National Science Foundation	Direct		DMS1804586	47.049	Mathematical and Physical Sciences	639	-
National Science Foundation	Direct		DMS1801125	47.049	Mathematical and Physical Sciences	56,378	-
National Science Foundation	Direct		DMS1812601	47.049	Mathematical and Physical Sciences	69,655	14,604
National Science Foundation	Direct		DMS1812826	47.049	Mathematical and Physical Sciences	11,532	-
National Science Foundation	Direct		PHY1806612	47.049	Mathematical and Physical Sciences	405,556	-
National Science Foundation	Direct		DMS 1914537	47.049	Mathematical and Physical Sciences	60,123	-
National Science Foundation	Direct		CHE1847804	47.049	Mathematical and Physical Sciences	146,303	-
National Science Foundation	Direct		CHE1847813	47.049	Mathematical and Physical Sciences	131,478	-
National Science Foundation	Direct		DMR1852157	47.049	Mathematical and Physical Sciences	51,456	-
National Science Foundation	Direct		PHY1852158	47.049	Mathematical and Physical Sciences	125,746	-
National Science Foundation	Direct		DMR1904793	47.049	Mathematical and Physical Sciences	65,173	-
National Science Foundation	Direct		DMS1901976	47.049	Mathematical and Physical Sciences	157,215	-
National Science Foundation	Direct		DMS1853989	47.049	Mathematical and Physical Sciences	78,335	-
National Science Foundation	Pass-Through	Florida International University	800004776-05BUG	47.049	Mathematical and Physical Sciences	23,593	-
National Science Foundation	Direct		CHE1905265	47.049	Mathematical and Physical Sciences	106,299	-
National Science Foundation	Direct		AST1908631	47.049	Mathematical and Physical Sciences	104,620	-
National Science Foundation	Pass-Through	Cornell University	78877-11227	47.049	Mathematical and Physical Sciences	3,741	-
National Science Foundation	Direct		DMS1954162	47.049	Mathematical and Physical Sciences	801	-
National Science Foundation	Direct		PHY1945366	47.049	Mathematical and Physical Sciences	50,323	-
National Science Foundation	Direct		DMS2005368	47.049	Mathematical and Physical Sciences	45,191	-
National Science Foundation	Direct		AST2007993	47.049	Mathematical and Physical Sciences	118,211	-
National Science Foundation	Direct		CHE200310	47.049	Mathematical and Physical Sciences	102,414	-
National Science Foundation	Pass-Through	University of Norte Dame	QUARKNET 2020	47.049	Mathematical and Physical Sciences	1,250	-
National Science Foundation	Direct		DMS2101370	47.049	Mathematical and Physical Sciences	32,183	-
National Science Foundation	Pass-Through	Cornell University	79433-20671	47.049	Mathematical and Physical Sciences	313	-
National Science Foundation	Direct		CHE2051011	47.049	Mathematical and Physical Sciences	96,580	-
National Science Foundation	Direct		CHE1464874	47.049	Mathematical and Physical Sciences	8,047	-
National Science Foundation	Direct		CHE1610964	47.049	Mathematical and Physical Sciences	46,377	-
National Science Foundation	Direct		DMS1612473	47.049	Mathematical and Physical Sciences	(1,041)	-
National Science Foundation	Direct		DMS1562078	47.049	Mathematical and Physical Sciences	132,494	-
National Science Foundation	Direct		DMR1349604	47.049	Mathematical and Physical Sciences	234,058	-
National Science Foundation	Direct		DMR1610357	47.049	Mathematical and Physical Sciences	6,358	-
National Science Foundation	Direct		DMS1710534	47.049	Mathematical and Physical Sciences	75	-
National Science Foundation	Direct		CHE1663327	47.049	Mathematical and Physical Sciences	89,190	-
National Science Foundation	Direct		DMS1710970	47.049	Mathematical and Physical Sciences	37,238	-
National Science Foundation	Direct		OMA1744440	47.049	Mathematical and Physical Sciences	(46,337)	(21,653)
						<u>2,551,562</u>	<u>(7,049)</u>
National Science Foundation	Direct		EAR1757545	47.050	Geosciences	44,941	-
National Science Foundation	Direct		EAR1830172	47.050	Geosciences	67,653	34,801
National Science Foundation	Direct		EAR1830122	47.050	Geosciences	117,811	-
National Science Foundation	Direct		ICER1801362	47.050	Geosciences	21,032	-
National Science Foundation	Direct		OPP1847173	47.050	Geosciences	44,250	-
National Science Foundation	Direct		ICER1928112	47.050	Geosciences	107,042	-
National Science Foundation	Direct		OPP1842542	47.050	Geosciences	60,907	-
National Science Foundation	Direct		EAR2007928	47.050	Geosciences	74,427	-
National Science Foundation	Direct		FAIN 1453198	47.050	Geosciences	48,160	-
National Science Foundation	Direct		AGS1554998	47.050	Geosciences	41,337	-
National Science Foundation	Direct		OCE1600319	47.050	Geosciences	33,625	-
National Science Foundation	Direct		PLR1445169	47.050	Geosciences	3,007	-
National Science Foundation	Direct		EAR1735992	47.050	Geosciences	47,288	-
						<u>711,480</u>	<u>34,801</u>
National Science Foundation	Direct		HS1750994	47.070	Computer and Information Science and Engineering	129,774	-
National Science Foundation	Pass-Through	DePaul University	5013115G161	47.070	Computer and Information Science and Engineering	20,381	-
National Science Foundation	Direct		HS1814958	47.070	Computer and Information Science and Engineering	89,995	-
National Science Foundation	Direct		HS1763966	47.070	Computer and Information Science and Engineering	73,778	-
National Science Foundation	Direct		HS1838347	47.070	Computer and Information Science and Engineering	32,240	-
National Science Foundation	Direct		CNS1818901	47.070	Computer and Information Science and Engineering	21,831	-
National Science Foundation	Direct		CNS1837652	47.070	Computer and Information Science and Engineering	50,003	-
National Science Foundation	Direct		18407713	47.070	Computer and Information Science and Engineering	2,829	-
National Science Foundation	Direct		CNS1840052	47.070	Computer and Information Science and Engineering	50,217	-
National Science Foundation	Direct		HS1855048	47.070	Computer and Information Science and Engineering	89,677	-
National Science Foundation	Direct		OAC 1835874	47.070	Computer and Information Science and Engineering	373,498	-
National Science Foundation	Direct		CNS1923487	47.070	Computer and Information Science and Engineering	72,222	-
National Science Foundation	Pass-Through	Florida International University	800004769-04UG	47.070	Computer and Information Science and Engineering	55,876	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		CNS1923496	47.070	Computer and Information Science and Engineering	187,822	-
National Science Foundation	Direct		CCF1918450	47.070	Computer and Information Science and Engineering	27,722	-
National Science Foundation	Direct		CCF1910017	47.070	Computer and Information Science and Engineering	40,503	-
National Science Foundation	Direct		CNS1933335	47.070	Computer and Information Science and Engineering	49,848	-
National Science Foundation	Direct		CNS1931931	47.070	Computer and Information Science and Engineering	110,080	-
National Science Foundation	Direct		HS1940069	47.070	Computer and Information Science and Engineering	186,701	-
National Science Foundation	Direct		CNS2025676	47.070	Computer and Information Science and Engineering	3,311	-
National Science Foundation	Direct		CNS2029950	47.070	Computer and Information Science and Engineering	44,791	-
National Science Foundation	Direct		CNS1952029	47.070	Computer and Information Science and Engineering	85,776	19,020
National Science Foundation	Direct		HS2097444	47.070	Computer and Information Science and Engineering	86,749	-
National Science Foundation	Direct		HS201700	47.070	Computer and Information Science and Engineering	171,456	-
National Science Foundation	Direct		CNS1952011	47.070	Computer and Information Science and Engineering	205,723	71,815
National Science Foundation	Pass-Through	Wayne State University	WSU20081 UNIV61638	47.070	Computer and Information Science and Engineering	53,739	-
National Science Foundation	Direct		HS2006616	47.070	Computer and Information Science and Engineering	7,642	-
National Science Foundation	Pass-Through	Berry College	SUB61076-00	47.070	Computer and Information Science and Engineering	43,016	-
National Science Foundation	Pass-Through	Florida International University	321	47.070	Computer and Information Science and Engineering	28,392	-
National Science Foundation	Direct		CNS2025272	47.070	Computer and Information Science and Engineering	20,079	-
National Science Foundation	Direct		CNS1629811	47.070	Computer and Information Science and Engineering	12,705	-
National Science Foundation	Direct		1452485	47.070	Computer and Information Science and Engineering	94,521	-
National Science Foundation	Direct		CNS1521617	47.070	Computer and Information Science and Engineering	1,231,231	122,667
National Science Foundation	Direct		HS1526448	47.070	Computer and Information Science and Engineering	20,577	-
National Science Foundation	Direct		CCF1521672	47.070	Computer and Information Science and Engineering	25,825	-
National Science Foundation	Direct		CNS1532936	47.070	Computer and Information Science and Engineering	95,209	-
National Science Foundation	Direct		CNS1629853	47.070	Computer and Information Science and Engineering	785	-
National Science Foundation	Direct		CNS1649291	47.070	Computer and Information Science and Engineering	936	-
National Science Foundation	Direct		CNS1647015	47.070	Computer and Information Science and Engineering	24,150	-
National Science Foundation	Direct		HS1527566	47.070	Computer and Information Science and Engineering	20,345	-
National Science Foundation	Pass-Through	Dartmouth College	SUB-1345 DARTMOUTH	47.070	Computer and Information Science and Engineering	45,489	-
National Science Foundation	Direct		HS1623690	47.070	Computer and Information Science and Engineering	31,286	-
National Science Foundation	Direct		HS1652372	47.070	Computer and Information Science and Engineering	4,717	-
National Science Foundation	Direct		HS1623625	47.070	Computer and Information Science and Engineering	15,231	-
National Science Foundation	Direct		CNS1744334	47.070	Computer and Information Science and Engineering	50,831	-
National Science Foundation	Pass-Through	New York University	NYU 1735909	47.070	Computer and Information Science and Engineering	(966)	-
National Science Foundation	Direct		CNS1739328	47.070	Computer and Information Science and Engineering	95,206	3,029
National Science Foundation	Direct		OAC1740151	47.070	Computer and Information Science and Engineering	82,955	-
						4,249,208	216,531
National Science Foundation	Direct		DEB1753982	47.074	Biological Sciences	193,103	-
National Science Foundation	Direct		MCB1818019	47.074	Biological Sciences	215,940	-
National Science Foundation	Direct		MCB1928918	47.074	Biological Sciences	338,193	-
National Science Foundation	Pass-Through	Arizona State University	ASU800000350	47.074	Biological Sciences	13,129	-
National Science Foundation	Direct		MCB1942235	47.074	Biological Sciences	163,800	-
National Science Foundation	Direct		IOS1936843	47.074	Biological Sciences	62,334	-
National Science Foundation	Direct		MCB2018661	47.074	Biological Sciences	155,296	-
National Science Foundation	Direct		IOS1949145	47.074	Biological Sciences	72,562	-
National Science Foundation	Pass-Through	Colorado State University	C-45-144-04 UNIV61719	47.074	Biological Sciences	3,500	-
National Science Foundation	Direct		MCB2036809	47.074	Biological Sciences	80,171	-
National Science Foundation	Direct		DEB1442113	47.074	Biological Sciences	142,879	-
National Science Foundation	Direct		IOS1456472	47.074	Biological Sciences	69,669	-
National Science Foundation	Direct		IOS-1456844	47.074	Biological Sciences	34,943	-
National Science Foundation	Direct		NSF 1411482	47.074	Biological Sciences	(17,583)	-
						1,527,936	-
National Science Foundation	Direct		1756417	47.075	Social, Behavioral, and Economic Sciences	163,670	-
National Science Foundation	Direct		BCS1753626	47.075	Social, Behavioral, and Economic Sciences	138,952	-
National Science Foundation	Direct		1829148	47.075	Social, Behavioral, and Economic Sciences	62,082	-
National Science Foundation	Direct		BCS1904291	47.075	Social, Behavioral, and Economic Sciences	51	-
National Science Foundation	Direct		BCS1840896	47.075	Social, Behavioral, and Economic Sciences	168,339	18,270
National Science Foundation	Direct		SES 1851690	47.075	Social, Behavioral, and Economic Sciences	69,731	13,936
National Science Foundation	Direct		BCS1840764	47.075	Social, Behavioral, and Economic Sciences	115,128	-
National Science Foundation	Direct		BCS1921492	47.075	Social, Behavioral, and Economic Sciences	124,099	-
National Science Foundation	Direct		BCS1918824	47.075	Social, Behavioral, and Economic Sciences	167,679	-
National Science Foundation	Direct		SES1948723	47.075	Social, Behavioral, and Economic Sciences	15,891	-
National Science Foundation	Direct		BCS2024316	47.075	Social, Behavioral, and Economic Sciences	2,460	-
National Science Foundation	Direct		SES2017162	47.075	Social, Behavioral, and Economic Sciences	92,891	-
National Science Foundation	Direct		BCS2034013	47.075	Social, Behavioral, and Economic Sciences	41,643	-
National Science Foundation	Pass-Through	Hamilton College	2021-001	47.075	Social, Behavioral, and Economic Sciences	1,430	-
National Science Foundation	Pass-Through	Penn State University	S001619-NSF	47.075	Social, Behavioral, and Economic Sciences	2,916	-
National Science Foundation	Direct		90A-1640681	47.075	Social, Behavioral, and Economic Sciences	16,856	194
National Science Foundation	Direct		BCS1556700	47.075	Social, Behavioral, and Economic Sciences	6,842	-
National Science Foundation	Direct		BCS1557097	47.075	Social, Behavioral, and Economic Sciences	9,393	-
National Science Foundation	Pass-Through	University of Colorado Boulder	1555794 UCB	47.075	Social, Behavioral, and Economic Sciences	11,103	-
National Science Foundation	Direct		BCS1730044	47.075	Social, Behavioral, and Economic Sciences	(1,121)	-
National Science Foundation	Direct		BCS1651075	47.075	Social, Behavioral, and Economic Sciences	88,276	-
						1,308,311	32,400

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		DUE1762158	47.076	Education and Human Resources	284,405	54,468
National Science Foundation	Direct		DRL1750213	47.076	Education and Human Resources	416,119	-
National Science Foundation	Direct		DRL1813008	47.076	Education and Human Resources	502,071	11,707
National Science Foundation	Direct		DRL1760225	47.076	Education and Human Resources	418,496	-
National Science Foundation	Pass-Through	Tufts University	NSF023	47.076	Education and Human Resources	8,156	-
National Science Foundation	Pass-Through	Tennessee State University	HRD1826954	47.076	Education and Human Resources	30,300	-
National Science Foundation	Pass-Through	Fisk University	HRD1826755	47.076	Education and Human Resources	153,891	-
National Science Foundation	Direct		DGE1937963	47.076	Education and Human Resources	2,330,071	-
National Science Foundation	Pass-Through	Tennessee State University	332-77-19-0887	47.076	Education and Human Resources	7,240	-
National Science Foundation	Direct		DUE1852875	47.076	Education and Human Resources	215,814	13,343
National Science Foundation	Direct		DRL1908791	47.076	Education and Human Resources	146,212	8,633
National Science Foundation	Direct		DUE1915487	47.076	Education and Human Resources	165,078	-
National Science Foundation	Direct		DGE1937391	47.076	Education and Human Resources	30,150	-
National Science Foundation	Pass-Through	Education Development Center, Inc	12434-2019-0302	47.076	Education and Human Resources	105,659	-
National Science Foundation	Direct		DGE1922697	47.076	Education and Human Resources	609,422	26,956
National Science Foundation	Direct		DRL1949472	47.076	Education and Human Resources	95,308	-
National Science Foundation	Pass-Through	Sonoma State University	119960	47.076	Education and Human Resources	10,844	-
National Science Foundation	Direct		DRL2010237	47.076	Education and Human Resources	2,897	-
National Science Foundation	Pass-Through	Rutgers, The State University of New Jersey	SUBCONTRACT AGREEMENT #1430	47.076	Education and Human Resources	32,441	-
National Science Foundation	Direct		DRL2010207	47.076	Education and Human Resources	4,699	-
National Science Foundation	Direct		DRL2055597	47.076	Education and Human Resources	10,389	-
National Science Foundation	Direct		HRD1647196	47.076	Education and Human Resources	125,191	68,493
National Science Foundation	Direct		DRL1420488	47.076	Education and Human Resources	94,079	-
National Science Foundation	Direct		DUE1439866	47.076	Education and Human Resources	9,329	10,711
National Science Foundation	Direct		DRL1620920	47.076	Education and Human Resources	352,985	-
National Science Foundation	Direct		DRL1620863	47.076	Education and Human Resources	259,889	-
National Science Foundation	Direct		DRL1561286	47.076	Education and Human Resources	(38,818)	-
National Science Foundation	Direct		DGE1445197	47.076	Education and Human Resources	1,445	-
National Science Foundation	Direct		DRL1621088	47.076	Education and Human Resources	414,365	-
National Science Foundation	Direct		DGE1652825	47.076	Education and Human Resources	83,965	-
National Science Foundation	Pass-Through	Northwestern University	NORTHWESTERN	47.076	Education and Human Resources	28,692	-
National Science Foundation	Direct		DRL1660816	47.076	Education and Human Resources	215,694	-
National Science Foundation	Pass-Through	SRI International Corporation	SRI 1742195	47.076	Education and Human Resources	30,465	-
National Science Foundation	Direct		DRL1742257	47.076	Education and Human Resources	298,592	101,427
National Science Foundation	Pass-Through	New York University	F0394-02NYU	47.076	Education and Human Resources	106,953	-
National Science Foundation	Direct		OISE182617	47.079	Office of International Science and Engineering	11,466	-
National Science Foundation	Direct		OISE1743772	47.079	Office of International Science and Engineering	460,376	116,495
National Science Foundation	Direct		OIA1936970	47.083	Office of Integrative Activities	471,842	116,495
National Science Foundation	Direct		OIA2033413	47.083	Office of Integrative Activities	462,422	195,177
National Science Foundation	Direct		OIA2020814	47.083	Office of Integrative Activities	622,449	166,128
National Science Foundation	Direct		OIA2040462	47.083	Office of Integrative Activities	61,201	-
National Science Foundation	Direct		OIA2040688	47.083	Office of Integrative Activities	683,303	372,731
Total National Science Foundation						656,870	435,125
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	RLS2-VB-399	66.RD	Environmental Protection Agency	2,486,745	1,169,161
Environmental Protection Agency	Direct		83950401	66.509	Science To Achieve Results (STAR) Research Program	374,012	-
Environmental Protection Agency	Pass-Through	VUMC	VUMC 75597	66.509	Science To Achieve Results (STAR) Research Program	414,630	15,939
Environmental Protection Agency	Direct		84003101	66.509	Science To Achieve Results (STAR) Research Program	68,782	-
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	JACOBS EPATP-000003	66.708	Pollution Prevention Grants Program	152,760	-
Total Environmental Protection Agency						636,172	15,939
						138,745	-
						138,745	-
						1,148,929	15,939

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
Nuclear Regulatory Commission	Direct		NRC-HQ-84-14-G-0044	77.008	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	(26,706)	-
Nuclear Regulatory Commission	Direct		NRC-HQ-60-17-G-0037	77.008	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	47,092	-
Total Nuclear Regulatory Commission						20,386	-
US Department of Energy Chicago	Pass-Through	National Renewable Energy Laboratory	XHG-8-82059-01	81.RD	Department of Energy	(2,719)	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-03PA16-0349-6.1-01	81.RD	Department of Energy	258,212	-
US Department of Energy Chicago	Pass-Through	Los Alamos Laboratories	487709	81.RD	Department of Energy	250,131	-
US Department of Energy Chicago	Pass-Through	Brookhaven Science Associates, LLC	8N1350871	81.RD	Department of Energy	1,742	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 1946817	81.RD	Department of Energy	93,070	-
US Department of Energy Chicago	Pass-Through	Pacific Northwest National Laboratory	428975	81.RD	Department of Energy	38,825	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 1938334	81.RD	Department of Energy	(10,900)	-
US Department of Energy National Energy Technology Laboratory	Pass-Through	Chattanooga Area Regional Transportation Authority	UNIV60607	81.RD	Department of Energy	145,897	27,936
US Department of Energy Chicago	Pass-Through	Idaho National Laboratory	217944	81.RD	Department of Energy	55,035	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	1988281	81.RD	Department of Energy	50,428	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-3.12-01	81.RD	Department of Energy	12,038	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2047909	81.RD	Department of Energy	28,199	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 2033820	81.RD	Department of Energy	1,447	-
US Department of Energy Chicago	Pass-Through	National Renewable Energy Laboratory	XEJ-9-92257-01	81.RD	Department of Energy	58,281	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2099945	81.RD	Department of Energy	30,795	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 2125099	81.RD	Department of Energy	78,326	-
US Department of Energy National Nuclear Security Administration	Pass-Through	Los Alamos Laboratories	580557	81.RD	Department of Energy	74,919	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO 2155196	81.RD	Department of Energy	53,805	-
US Department of Energy Golden	Pass-Through	Electric Power Research Institute	10012233	81.RD	Department of Energy	29,493	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2170970	81.RD	Department of Energy	22,565	-
US Department of Energy Chicago	Pass-Through	Brookhaven Science Associates, LLC	8N1358770	81.RD	Department of Energy	8,014	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	PO2185860	81.RD	Department of Energy	126,100	-
US Department of Energy National Nuclear Security Administration	Pass-Through	Honeywell Federal Manufacturing & Technologies, LLC	N000376439	81.RD	Department of Energy	77,787	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2208537	81.RD	Department of Energy	62,194	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	2210612	81.RD	Department of Energy	69,654	-
US Department of Energy Chicago	Pass-Through	Pacific Northwest National Laboratory	545625	81.RD	Department of Energy	64,031	-
US Department of Energy National Energy Technology Laboratory	Pass-Through	Chattanooga Area Regional Transportation Authority	2197-2092 UNIV61952	81.RD	Department of Energy	45,912	-
US Department of Energy Chicago	Pass-Through	Sandia National Laboratories	UNIV62058 PO220549	81.RD	Department of Energy	13,276	-
US Department of Energy Chicago	Pass-Through	Fermi National Accelerator Laboratory	US OMS Group	81.RD	Department of Energy	19,064	-
US Department of Energy Chicago	Pass-Through	3M Company	USMMDG86C-DE-EE006	81.RD	Department of Energy	813	-
US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC	400015803	81.RD	Department of Energy	294,172	-
US Department of Energy Chicago	Pass-Through	The Institute for Advanced Composites Manufacturing Innovation	PA16-0349-3.2-01	81.RD	Department of Energy	23,885	-
						2,104,408	27,936
US Department of Energy Chicago	Pass-Through	J. Craig Venter Institute	JCVI-17-013	81.049	Office of Science Financial Assistance Program	266,104	-
US Department of Energy Chicago	Direct		SC0019235	81.049	Office of Science Financial Assistance Program	29,710	-
US Department of Energy Chicago	Direct		DE-SC0019404	81.049	Office of Science Financial Assistance Program	449,577	195,394
US Department of Energy Chicago	Pass-Through	Johns Hopkins University	2004007094	81.049	Office of Science Financial Assistance Program	56,760	-
US Department of Energy Chicago	Pass-Through	Rutgers, The State University of New Jersey	738	81.049	Office of Science Financial Assistance Program	70,536	-
US Department of Energy Chicago	Pass-Through	University of New Mexico	25406A-870A	81.049	Office of Science Financial Assistance Program	48,401	-
US Department of Energy Chicago	Direct		DEF60588ER40407	81.049	Office of Science Financial Assistance Program	(18,560)	-
US Department of Energy Chicago	Direct		ER46554	81.049	Office of Science Financial Assistance Program	255,730	-
US Department of Energy Chicago	Direct		DEF0502ER40712	81.049	Office of Science Financial Assistance Program	619,702	-
US Department of Energy Chicago	Direct		DE-SC0005220	81.049	Office of Science Financial Assistance Program	830,522	-
US Department of Energy Chicago	Direct		DE-FOA-0000995	81.049	Office of Science Financial Assistance Program	48,466	-
US Department of Energy Germantown	Direct		DE-FOA1-06EW07053	81.049	Office of Science Financial Assistance Program	4,681,862	1,388,841
						7,338,800	1,584,235
US Department of Energy National Energy Technology Laboratory	Pass-Through	University of California Berkeley	#10315	81.086	Conservation Research and Development	176,380	2,634
						176,380	2,634
US Department of Energy Golden	Direct		EE0008435	81.087	Renewable Energy Research and Development	260,307	-
US Department of Energy Golden	Direct		DE-EE0008418	81.087	Renewable Energy Research and Development	273,908	107,577
US Department of Energy Golden	Direct		DE-EE0007653	81.087	Renewable Energy Research and Development	285,193	81,668
						819,408	189,245
US Department of Energy Nuclear Energy	Direct		DE-NE0008905	81.121	Nuclear Energy Research, Development and Demonstration	187,660	99,856
US Department of Energy Nuclear Energy	Pass-Through	Electric Power Research Institute	EPRI 10006762	81.121	Nuclear Energy Research, Development and Demonstration	314	-
US Department of Energy Nuclear Energy	Direct		DE-NE0006446	81.121	Nuclear Energy Research, Development and Demonstration	51,803	-
US Department of Energy Nuclear Energy	Direct		DE-NE0008712	81.121	Nuclear Energy Research, Development and Demonstration	81,373	26,866
						321,150	126,722
Advanced Research Project Agency - Energy	Direct		DE_AR0001035	81.135	Advanced Research Projects Agency - Energy	209,798	-
Advanced Research Project Agency - Energy	Pass-Through	Electric Power Research Institute	10011521	81.135	Advanced Research Projects Agency - Energy	62,956	-
Advanced Research Project Agency - Energy	Pass-Through	Georgia Institute of Technology	AWO-001312-G1	81.135	Advanced Research Projects Agency - Energy	1,747,742	-
Advanced Research Project Agency - Energy	Direct		DE-AR000666	81.135	Advanced Research Projects Agency - Energy	417,455	249,775
						864,951	249,775
Total Department of Energy						11,625,097	2,180,547
US Department of Education	Pass-Through	Mathematica Policy Research, Inc.	40346505916 EDIES14C0001	84.RD	Department of Education	447,949	246,975
US Department of Education	Pass-Through	TN Department of Education	33195-00117 EDH48116	84.RD	Department of Education	280,641	-
US Department of Education	Pass-Through	National Board for Professional Teaching Standards	NBPTS SUB	84.RD	Department of Education	168	-
US Department of Education	Pass-Through	University of Florida	UNIV OF FLORIDA/ED	84.RD	Department of Education	13,558	-
US Department of Education	Pass-Through	Metropolitan Government of Nashville and Davidson County, Tennessee	2-218740-26 METRO/ED	84.RD	Department of Education	296,756	-
						1,039,072	246,975
US Department of Education	Direct		PO1SA180040	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	104,175	-
US Department of Education	Direct		PO15B180040	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	221,056	-
						325,231	-
US Department of Education	Pass-Through	TN Department of Human Services	34570-91018	84.126	Rehabilitation Services_Vocational Rehabilitation Grants to States	493,524	36,880
						493,524	36,880
US Department of Education	Pass-Through	TN Department of Education	33195-00117 EDH48116	84.181	Special Education-Grants for Infants and Families	76,940	-
						76,940	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
US Department of Education	Direct		P200A150173	84.200	Graduate Assistance in Areas of National Need	21,416	-
US Department of Education	Pass-Through	East Tennessee State University	19-287-1-53.1	84.206	Javits Gifted and Talented Students Education	21,416	-
US Department of Education	Pass-Through	New York University	R305A170498-18_F0253-03	84.305	Education Research, Development and Dissemination	41,485	-
US Department of Education	Direct		R305A180511	84.305	Education Research, Development and Dissemination	41,485	65,776
US Department of Education	Pass-Through	American Institute for Research	046710003_R305N180005	84.305	Education Research, Development and Dissemination	103,631	-
US Department of Education	Pass-Through	University of Florida	SUB00001829_R305A190079	84.305	Education Research, Development and Dissemination	19,979	-
US Department of Education	Pass-Through	National Opinion Research Center	R305A190298	84.305	Education Research, Development and Dissemination	216,480	-
US Department of Education	Pass-Through	Harvard University	108164-5110834_R305A190034	84.305	Education Research, Development and Dissemination	25,240	-
US Department of Education	Pass-Through	University of Delaware	R305E150017	84.305	Education Research, Development and Dissemination	28,752	-
US Department of Education	Pass-Through	University of Texas at Austin	R305A160026	84.305	Education Research, Development and Dissemination	98,971	-
US Department of Education	Direct		R305A150396	84.305	Education Research, Development and Dissemination	73,821	9,999
US Department of Education	Direct		R305E150017	84.305	Education Research, Development and Dissemination	241,836	225,972
US Department of Education	Pass-Through	University of Nevada Las Vegas	R305A160100	84.305	Education Research, Development and Dissemination	1,732	-
US Department of Education	Direct		R305A160132	84.305	Education Research, Development and Dissemination	32,487	-
US Department of Education	Direct		R305A150200	84.305	Education Research, Development and Dissemination	348,700	-
US Department of Education	Direct		R305A170203	84.305	Education Research, Development and Dissemination	91,250	58,900
US Department of Education	Direct		R305B170009	84.305	Education Research, Development and Dissemination	39,036	-
						1,518,579	360,647
US Department of Education	Direct		R324A170150	84.324	Research in Special Education	56,923	-
US Department of Education	Direct		R324A180171	84.324	Research in Special Education	334,321	81,867
US Department of Education	Direct		R324A190177	84.324	Research in Special Education	390,919	-
US Department of Education	Pass-Through	University of Texas at Austin	UTAI9-000645_R324A190072	84.324	Research in Special Education	111,199	-
US Department of Education	Pass-Through	University of North Carolina Chapel Hill	S1151070_R324A190238	84.324	Research in Special Education	32,880	-
US Department of Education	Pass-Through	Stanford University	R324A180004	84.324	Research in Special Education	533,102	-
US Department of Education	Direct		R324A200193	84.324	Research in Special Education	206,487	64,458
US Department of Education	Pass-Through	University of Texas at Austin	UTAZ0-000667	84.324	Research in Special Education	14,188	-
US Department of Education	Direct		R324R200003	84.324	Research in Special Education	106,192	-
US Department of Education	Direct		R324A200101	84.324	Research in Special Education	126,852	29,891
US Department of Education	Pass-Through	WestEd	S-00011659	84.324	Research in Special Education	28,653	-
US Department of Education	Pass-Through	University of Pennsylvania	S81066	84.324	Research in Special Education	1,796	-
US Department of Education	Direct		R324A120178	84.324	Research in Special Education	2,089	-
US Department of Education	Direct		R324D130003	84.324	Research in Special Education	220,656	-
US Department of Education	Pass-Through	University of Iowa	R324A160076	84.324	Research in Special Education	(2,174)	-
US Department of Education	Direct		R324A150094	84.324	Research in Special Education	2,452	2,452
US Department of Education	Direct		R324B160010	84.324	Research in Special Education	18,551	-
US Department of Education	Direct		R324A160086	84.324	Research in Special Education	69,354	4,593
US Department of Education	Pass-Through	University of Kansas	R324A170118	84.324	Research in Special Education	3,799	-
						2,258,439	183,261
US Department of Education	Direct		H325D180086	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	236,441	-
US Department of Education	Direct		H325K180148	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	301,149	-
US Department of Education	Direct		H325K180175	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	326,694	-
US Department of Education	Direct		H325D180095	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	319,410	-
US Department of Education	Direct		H325K190020	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	279,697	-
US Department of Education	Direct		H325K190049	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	336,247	-
US Department of Education	Direct		H325K190056	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	314,046	-
US Department of Education	Direct		H325H190003	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	471,988	272,313
US Department of Education	Direct		H325D190025	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	250,790	-
US Department of Education	Pass-Through	University of Connecticut Health Center	H325H190004_UHC7-127394347	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	97,308	-
US Department of Education	Pass-Through	VUMC	VUMC 79059	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	57,822	-
US Department of Education	Direct		H325K200036	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	13,957	-
US Department of Education	Direct		H325D140077	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	105,340	-
US Department of Education	Direct		H325D140073	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	103,685	-
US Department of Education	Direct		H325K140110	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	2,886	-
US Department of Education	Direct		H325K140212	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	(124,345)	-
US Department of Education	Direct		H325H140001	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	568,096	410,830
US Department of Education	Direct		H325D140087	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	23,147	-
US Department of Education	Direct		H325D170005	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	167,899	-
US Department of Education	Direct		H325D170004	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	200,570	-
US Department of Education	Direct		H325E170001	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	1,085,576	111,408
US Department of Education	Direct		H325K170014	84.325	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	245,873	-
						5,384,276	794,551
US Department of Education	Direct		H326M180002	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	(20,084)	-
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	190,001	-
US Department of Education	Pass-Through	University of Florida	SUB00024740	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	44,204	-
US Department of Education	Pass-Through	VUMC	H326T130030	84.326	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	(15,173)	-
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	292,220	-
						491,168	-
US Department of Education	Pass-Through	University of Nebraska Lincoln	UNIV59418/24-1708-01	84.365	English Language Acquisition State Grants	8,773	-
US Department of Education	Direct		P407A150058	84.407	Transition Programs for Students with Intellectual Disabilities into Higher Education	8,773	-
						122,143	9,475
US Department of Education	Pass-Through	Florida State University	FLORIDA STATE	84.411	Investing in innovation (I3) Fund	122,143	9,475
						127,087	-
US Department of Education	Pass-Through	TN Department of Education	S419B150026/46104	84.419	Preschool Development Grants	23	-
						23	-
Total US Department of Education						11,908,156	1,631,789

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	CFD Research Corporation	CFDRC Project No. 9293	93.RD	Department of Health and Human Services	(85,463)	-
National Institutes of Health	Pass-Through	ZERO TO THREE	201709281N	93.RD	Department of Health and Human Services	(67,531)	-
National Institutes of Health	Pass-Through	University of Colorado Denver	P50 CA058187 - PO 1001006996	93.RD	Department of Health and Human Services	5,941	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16X117 Mod 6A	93.RD	Department of Health and Human Services	170,063	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	15Q0D0	93.RD	Department of Health and Human Services	(75,165)	-
National Institutes of Health	Pass-Through	VUMC	VUMC	93.RD	Department of Health and Human Services	19,348	-
National Institutes of Health	Pass-Through	VUMC	3UG1DA040317-0552	93.RD	Department of Health and Human Services	11,133	-
National Institutes of Health	Pass-Through	VUMC	R21AI42042	93.RD	Department of Health and Human Services	4,711	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	Mod 4L WDR5-MLL1	93.RD	Department of Health and Human Services	473,438	-
National Institutes of Health	Pass-Through	University of Washington	KPM9200	93.RD	Department of Health and Human Services	17,775	-
National Institutes of Health	Pass-Through	VUMC	75N93019C00074	93.RD	Department of Health and Human Services	53,801	-
National Institutes of Health	Pass-Through	VUMC	VUMC 59340	93.RD	Department of Health and Human Services	11,275	-
National Institutes of Health_Billing	Direct		75N95020P03069	93.RD	Department of Health and Human Services	145,531	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16X117 (HHSN261200800001E)	93.RD	Department of Health and Human Services	90,651	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	UNIV55070 Wnt A4	93.RD	Department of Health and Human Services	1,027,528	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	UNIV61254-A3	93.RD	Department of Health and Human Services	1,369,777	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	PROTACS UNIV	93.RD	Department of Health and Human Services	840,169	-
National Institutes of Health	Pass-Through	University of California San Francisco	R35GM127087	93.RD	Department of Health and Human Services	6,754	-
National Institutes of Health	Pass-Through	VUMC	DK020593	93.RD	Department of Health and Human Services	646	-
National Institutes of Health	Pass-Through	VUMC	3P30CA068485-2551	93.RD	Department of Health and Human Services	4,375	-
National Institutes of Health	Pass-Through	VUMC	R01HL153246	93.RD	Department of Health and Human Services	8,197	-
National Institutes of Health	Pass-Through	Carle Foundation Hospital	CFH - 1R01AR073831	93.RD	Department of Health and Human Services	636	-
National Institutes of Health	Pass-Through	United South And Eastern Tribes, Inc.	U261 HS 0078-003-00	93.RD	Department of Health and Human Services	936	-
National Institutes of Health_Billing	Direct		HHSN271.201400118C	93.RD	Department of Health and Human Services	52,598	-
National Institutes of Health	Direct		5R25HL18679	93.RD	Department of Health and Human Services	30	-
National Institutes of Health	Direct		1 F31 CA192748-01	93.RD	Department of Health and Human Services	(278)	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	HHSN261200800001E	93.RD	Department of Health and Human Services	17,421	-
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	WDR5-MLL NX002-162	93.RD	Department of Health and Human Services	(8,697)	-
National Institutes of Health	Direct		1 F31 MH11103-01	93.RD	Department of Health and Human Services	(1,037)	-
National Institutes of Health	Pass-Through	VUMC	CA068485-2151-VUMC	93.RD	Department of Health and Human Services	(28)	-
National Institutes of Health	Direct		1F31DK108444-01A1	93.RD	Department of Health and Human Services	1,967	-
National Institutes of Health	Direct		1F31AI129357-01	93.RD	Department of Health and Human Services	(68)	-
Health Resources and Services Administration	Pass-Through	VUMC	5 173 MC00050-17	93.110	Maternal and Child Health Federal Consolidated Programs	4,096,253	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	1R01ES028269-01A1	93.113	Environmental Health	18,982	-
National Institutes of Health	Direct		R01ES029357	93.113	Environmental Health	118,699	-
National Institutes of Health	Direct		4K2ZE028048-02	93.113	Environmental Health	643,068	250,416
National Institutes of Health	Pass-Through	Purdue University	11000758-013	93.113	Environmental Health	197,151	-
National Institutes of Health	Direct		1R01ES030575-01A1	93.113	Environmental Health	(22,246)	-
National Institutes of Health	Direct		2T31ES007028-45-49	93.113	Environmental Health	586,940	-
National Institutes of Health	Pass-Through	University of Arizona	1R35ES031575-01	93.113	Environmental Health	645,204	-
National Institutes of Health	Direct		1F31ES032334-01	93.113	Environmental Health	16,910	-
National Institutes of Health	Direct		1R01ES024133-01A1	93.113	Environmental Health	23,068	-
National Institutes of Health	Direct		1 R01 ES010546-16	93.113	Environmental Health	4,427	4,427
National Institutes of Health	Direct		1 R01 ES026955-01A1	93.113	Environmental Health	293,138	-
National Institutes of Health	Direct		5T3ZE007028-43	93.113	Environmental Health	401,509	-
National Institutes of Health	Pass-Through	Arizona State University	ES026845-02	93.113	Environmental Health	(22,675)	-
National Institutes of Health	Pass-Through	University of Buffalo	R1136496, UNIV 60392	93.121	Oral Diseases and Disorders Research	(4,627)	-
National Institutes of Health	Direct		1F31DE028467	93.121	Oral Diseases and Disorders Research	2,880,266	254,843
National Institutes of Health	Direct		1F31DE030007-01	93.121	Oral Diseases and Disorders Research	57,493	-
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	30,778	-
Health Resources and Services Administration	Pass-Through	VUMC	VUMC87063	93.145	VUMC-Related Training and Technical Assistance	28,219	-
National Institutes of Health	Pass-Through	VUMC	VUMC 60003	93.172	Human Genome Research	116,490	-
National Institutes of Health	Pass-Through	VUMC	VUMC 79022	93.172	Human Genome Research	221,023	-
National Institutes of Health	Direct		F30HG011200	93.172	Human Genome Research	9,896	-
National Institutes of Health	Direct		RHG011018A	93.172	Human Genome Research	8,996	-
National Institutes of Health	Pass-Through	VUMC	VUMC 60003 UNIV58670	93.172	Human Genome Research	30,209	-
National Institutes of Health	Pass-Through	Bioventures, Inc.	1U01HG009086-01	93.172	Human Genome Research	3,201	-
National Institutes of Health	Pass-Through		R24HG009470-01A1	93.172	Human Genome Research	4,417	-
National Institutes of Health	Direct		7R01DC013274	93.173	Research Related to Deafness and Communication Disorders	776,355	488,576
National Institutes of Health	Pass-Through	VUMC	VUMC64813	93.173	Research Related to Deafness and Communication Disorders	1,834	-
National Institutes of Health	Pass-Through	VUMC	VUMC	93.173	Research Related to Deafness and Communication Disorders	1,036,765	488,576
National Institutes of Health	Direct		1U01DC017135	93.173	Research Related to Deafness and Communication Disorders	134,169	(2,272)
National Institutes of Health	Pass-Through	VUMC	VUMC 64648	93.173	Research Related to Deafness and Communication Disorders	3,511	-
National Institutes of Health	Pass-Through	University of Pittsburgh	1R01DC017683-01A1	93.173	Research Related to Deafness and Communication Disorders	125,510	-
National Institutes of Health	Pass-Through	Drexel University	00621786(132446-1)	93.173	Research Related to Deafness and Communication Disorders	1,270,539	654,566
National Institutes of Health	Direct		800198	93.173	Research Related to Deafness and Communication Disorders	28,252	-
National Institutes of Health	Direct		1R01DC018171-01	93.173	Research Related to Deafness and Communication Disorders	65,993	-
National Institutes of Health	Pass-Through	VUMC	1R01DC017926-01A1	93.173	Research Related to Deafness and Communication Disorders	232,418	-
National Institutes of Health	Direct		2R01DC014037-06	93.173	Research Related to Deafness and Communication Disorders	35,911	-
National Institutes of Health	Pass-Through	VUMC	VUMC 94812	93.173	Research Related to Deafness and Communication Disorders	402,373	50,308
National Institutes of Health	Direct		1F32DC019817	93.173	Research Related to Deafness and Communication Disorders	187,719	-
National Institutes of Health	Direct		1R01DC014462	93.173	Research Related to Deafness and Communication Disorders	551,073	152,469
National Institutes of Health	Direct		1R01DC014037-YR1-5	93.173	Research Related to Deafness and Communication Disorders	7,391	-
National Institutes of Health	Direct			93.173	Research Related to Deafness and Communication Disorders	15,509	-
National Institutes of Health	Direct			93.173	Research Related to Deafness and Communication Disorders	4,726	-
National Institutes of Health	Direct			93.173	Research Related to Deafness and Communication Disorders	407,334	176,042
National Institutes of Health	Direct			93.173	Research Related to Deafness and Communication Disorders	6,057	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	University of Utah	DC013168	93.173	Research Related to Deafness and Communication Disorders	8,235	-
National Institutes of Health	Direct		5 R01 DC013767-03	93.173	Research Related to Deafness and Communication Disorders	(141)	-
National Institutes of Health	Pass-Through	University of California San Francisco	UNIVC	93.173	Research Related to Deafness and Communication Disorders	14,070	-
National Institutes of Health	Direct		R21DC016153	93.173	Research Related to Deafness and Communication Disorders	(7,771)	-
						<u>3,492,898</u>	<u>1,037,170</u>
National Institutes of Health	Direct		1F31AT010299	93.213	Research and Training in Complementary and Integrative Health	30,424	-
National Institutes of Health	Direct		4R01AT007830-04	93.213	Research and Training in Complementary and Integrative Health	80	-
						<u>30,504</u>	<u>-</u>
National Institutes of Health	Pass-Through	VUMC	VUMC 68739	93.226	Research on Healthcare Costs, Quality and Outcomes	143,110	-
National Institutes of Health	Pass-Through	VUMC	VUMC 73417	93.226	Research on Healthcare Costs, Quality and Outcomes	157,337	-
National Institutes of Health	Pass-Through	VUMC	K12HS026395	93.226	Research on Healthcare Costs, Quality and Outcomes	117,569	-
Agency for Healthcare Research and Quality	Pass-Through	VUMC	VUMC77177	93.226	Research on Healthcare Costs, Quality and Outcomes	11,727	-
National Institutes of Health	Direct		1K01HS025486	93.226	Research on Healthcare Costs, Quality and Outcomes	54,630	-
						<u>484,773</u>	<u>-</u>
National Institutes of Health	Direct		1F31MH115669	93.242	Mental Health Research Grants	(13,440)	-
National Institutes of Health	Direct		1R21MH116150-01	93.242	Mental Health Research Grants	147,973	-
National Institutes of Health	Direct		2T32 MH064913-16-20	93.242	Mental Health Research Grants	374,540	-
National Institutes of Health	Direct		1R21MH117735	93.242	Mental Health Research Grants	145,041	116,633
National Institutes of Health	Direct		1K01MH115811-01A1	93.242	Mental Health Research Grants	151,314	-
National Institutes of Health	Pass-Through	Columbia University	1(GG014615-01)	93.242	Mental Health Research Grants	111,641	-
National Institutes of Health	Direct		2R01MH066198	93.242	Mental Health Research Grants	455,799	-
National Institutes of Health	Direct		NIH 7R01MH070727	93.242	Mental Health Research Grants	465,195	-
National Institutes of Health	Direct		R01MH119673	93.242	Mental Health Research Grants	727,899	-
National Institutes of Health	Direct		1R61MH115125-01A1	93.242	Mental Health Research Grants	313,668	-
National Institutes of Health	Direct		2T32MH055215-16A1	93.242	Mental Health Research Grants	127,789	-
National Institutes of Health	Pass-Through	VUMC	VUMC71060 UNIV60833	93.242	Mental Health Research Grants	12,399	-
National Institutes of Health	Direct		1R34MH118028-01A1	93.242	Mental Health Research Grants	178,343	-
National Institutes of Health	Pass-Through	University of Vermont	34337SUB53040	93.242	Mental Health Research Grants	63,621	104,798
National Institutes of Health	Direct		7 R01 MH081060-11	93.242	Mental Health Research Grants	77,212	-
National Institutes of Health	Pass-Through	Oregon Health & Science University	104372	93.242	Mental Health Research Grants	32,151	-
National Institutes of Health	Direct		1F31MH115699	93.242	Mental Health Research Grants	31,227	-
National Institutes of Health	Direct		1R01MH118273-01A1	93.242	Mental Health Research Grants	99	-
National Institutes of Health	Direct		4R33MH106748	93.242	Mental Health Research Grants	326,925	-
National Institutes of Health	Direct		R00MH112724	93.242	Mental Health Research Grants	187,463	-
National Institutes of Health	Pass-Through	University of Miami	SPC-001199	93.242	Mental Health Research Grants	40,295	-
National Institutes of Health	Direct		4R00MH113764	93.242	Mental Health Research Grants	209,623	-
National Institutes of Health	Pass-Through	University of Maryland College Park	85338-20264207	93.242	Mental Health Research Grants	40,050	-
National Institutes of Health	Direct		1R61MH119270-01A1	93.242	Mental Health Research Grants	280,754	137,618
National Institutes of Health	Direct		2T32MH018921-31	93.242	Mental Health Research Grants	214,991	-
National Institutes of Health	Pass-Through	VUMC	1R01MH121620-01	93.242	Mental Health Research Grants	55,047	-
National Institutes of Health	Direct		1R21MH122781-01A1	93.242	Mental Health Research Grants	161,955	-
National Institutes of Health	Direct		1 R56 MH123474-01	93.242	Mental Health Research Grants	320,295	-
National Institutes of Health	Direct		1F30MH123219-01A1	93.242	Mental Health Research Grants	28,086	-
National Institutes of Health	Direct		1F30MH122064-01A1	93.242	Mental Health Research Grants	28,099	-
National Institutes of Health	Pass-Through	Stanford University	62409648-165854	93.242	Mental Health Research Grants	122,707	-
National Institutes of Health	Direct		1R15MH123971-01	93.242	Mental Health Research Grants	535,574	55,575
National Institutes of Health	Pass-Through	University of Massachusetts Amherst	015746 A00	93.242	Mental Health Research Grants	20,894	-
National Institutes of Health	Direct		R01MH124671	93.242	Mental Health Research Grants	375,111	23,561
National Institutes of Health	Pass-Through	VUMC	VUMC 86293	93.242	Mental Health Research Grants	91,604	-
National Institutes of Health	Pass-Through	Penn State University	VANNMH124027	93.242	Mental Health Research Grants	20,936	-
National Institutes of Health	Pass-Through	California Institute of Technology (Caltech)	CALTECH - 5468313	93.242	Mental Health Research Grants	24,100	-
National Institutes of Health	Direct		1R01MH122545-01A1	93.242	Mental Health Research Grants	115,482	-
National Institutes of Health	Pass-Through	VUMC	VUMC 84680	93.242	Mental Health Research Grants	16,065	-
National Institutes of Health	Direct		2R01MH073676-16A1	93.242	Mental Health Research Grants	175,249	-
National Institutes of Health	Direct		4R00MH117235-03	93.242	Mental Health Research Grants	72,019	-
National Institutes of Health	Direct		1R01MH123687-01A1	93.242	Mental Health Research Grants	43,270	-
National Institutes of Health	Pass-Through	University of North Texas Health Science Center	RFD052-2021-0125	93.242	Mental Health Research Grants	16,461	-
National Institutes of Health	Pass-Through	VUMC	VUMC - 1R15MH123201-01A1	93.242	Mental Health Research Grants	2,346	-
National Institutes of Health	Direct		R01MH108562-01A1	93.242	Mental Health Research Grants	338,297	89,420
National Institutes of Health	Direct		1R01MH110378-01A1	93.242	Mental Health Research Grants	289,540	-
National Institutes of Health	Pass-Through	VUMC	1 R01 MH102446-01A1	93.242	Mental Health Research Grants	(4,685)	-
National Institutes of Health	Pass-Through	VUMC	1 R24 MH100105-01a	93.242	Mental Health Research Grants	7	-
National Institutes of Health	Direct		4R33MH103518-03	93.242	Mental Health Research Grants	132,126	-
National Institutes of Health	Direct		R01 MH100258-01A1	93.242	Mental Health Research Grants	(902)	-
National Institutes of Health	Direct		5T32MH055215-15	93.242	Mental Health Research Grants	(4,274)	-
National Institutes of Health	Pass-Through	VUMC	RH111877-UNICU JU 603	93.242	Mental Health Research Grants	4,632	-
National Institutes of Health	Direct		1R01MH108498-01/02	93.242	Mental Health Research Grants	(2,222)	-
National Institutes of Health	Direct		5 R01 MH073676 -11	93.242	Mental Health Research Grants	352,588	-
National Institutes of Health	Direct		2R01MH062646-17-21	93.242	Mental Health Research Grants	470,636	-
National Institutes of Health	Direct		1 R01 MH107765-01	93.242	Mental Health Research Grants	(745)	-
National Institutes of Health	Direct		2R01MH107254	93.242	Mental Health Research Grants	370,904	-
National Institutes of Health	Direct		5 T32 MH018921-28 YR	93.242	Mental Health Research Grants	2,228	-
National Institutes of Health	Direct		2R01MH084989-08-A1	93.242	Mental Health Research Grants	555,262	-
National Institutes of Health	Direct		1R21MH111548-01	93.242	Mental Health Research Grants	57,900	-
National Institutes of Health	Pass-Through	VUMC	4R01MH100300-04	93.242	Mental Health Research Grants	(11,249)	-
National Institutes of Health	Direct		1R01MH113543-01	93.242	Mental Health Research Grants	71,306	-
National Institutes of Health	Direct		1F31MH114316-01	93.242	Mental Health Research Grants	(1,537)	-
National Institutes of Health	Direct		1F31MH113271 Yr 1-3	93.242	Mental Health Research Grants	6,034	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1K01MH112983	93.242	Mental Health Research Grants	372	-
National Institutes of Health	Pass-Through	VUMC	ROI MH113362-01 VUMC	93.242	Mental Health Research Grants	48,024	-
National Institutes of Health	Direct		1F31MH113259	93.242	Mental Health Research Grants	6,366	-
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	34-5507-2036-001	93.242	Mental Health Research Grants	62,423	-
						<u>9,631,238</u>	<u>527,605</u>
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	314,576	58,117
						<u>314,576</u>	<u>58,117</u>
Health Resources and Services Administration	Direct		1T96HP932512	93.247	Advanced Nursing Education Grant Program	369,509	-
Health Resources and Services Administration	Direct		1T14HP933119-01-00	93.247	Advanced Nursing Education Grant Program	501,354	417,410
Health Resources and Services Administration	Direct		1T94HP932509-01-00	93.247	Advanced Nursing Education Grant Program	601,788	920
						<u>1,472,651</u>	<u>418,330</u>
National Institutes of Health	Direct		F32AA027409	93.273	Alcohol Research Programs	33,947	-
National Institutes of Health	Direct		1F30AA27126	93.273	Alcohol Research Programs	30,289	-
National Institutes of Health	Direct		1 F30 AA027418-01A1	93.273	Alcohol Research Programs	28,202	-
National Institutes of Health	Direct		1K99AA027774-01A1	93.273	Alcohol Research Programs	107,433	-
National Institutes of Health	Direct		1K99AA027806-01A1	93.273	Alcohol Research Programs	80,493	-
National Institutes of Health	Direct		- 4R37AA019455-11	93.273	Alcohol Research Programs	328,271	-
National Institutes of Health	Direct		5R37AA19455-07/10	93.273	Alcohol Research Programs	28,183	-
National Institutes of Health	Pass-Through	VUMC	VUMC AA026186	93.273	Alcohol Research Programs	19,229	-
						<u>656,147</u>	-
National Institutes of Health	Direct		DA042111	93.279	Drug Abuse and Addiction Research Programs	145,526	-
National Institutes of Health	Direct		1F32DA04777	93.279	Drug Abuse and Addiction Research Programs	59,776	-
National Institutes of Health	Direct		1R01DA048931-01	93.279	Drug Abuse and Addiction Research Programs	285,638	-
National Institutes of Health	Pass-Through	Base Pair Biotechnologies, Inc	1R44DA047866-01/Univ 60987	93.279	Drug Abuse and Addiction Research Programs	26,547	-
National Institutes of Health	Direct		1R01DA046138-01A1	93.279	Drug Abuse and Addiction Research Programs	413,423	-
National Institutes of Health	Pass-Through	University of Chicago	UNCHICAGO PPO63901-01-PR	93.279	Drug Abuse and Addiction Research Programs	17,555	-
National Institutes of Health	Direct		4R02DA045103	93.279	Drug Abuse and Addiction Research Programs	238,252	-
National Institutes of Health	Pass-Through	Very Real Help LLC	1R41DA051294	93.279	Drug Abuse and Addiction Research Programs	58,241	-
National Institutes of Health	Direct		1F31DA050410-01	93.279	Drug Abuse and Addiction Research Programs	30,537	-
National Institutes of Health	Direct		1F31DA051153-01A	93.279	Drug Abuse and Addiction Research Programs	43,915	-
National Institutes of Health	Direct		1F32DA051136-01	93.279	Drug Abuse and Addiction Research Programs	52,617	-
National Institutes of Health	Pass-Through	Base Pair Biotechnologies, Inc	4R44DA047866-02	93.279	Drug Abuse and Addiction Research Programs	84,495	-
National Institutes of Health	Direct		1K99DA052641	93.279	Drug Abuse and Addiction Research Programs	33,666	-
National Institutes of Health	Direct		1R01DA042475-01	93.279	Drug Abuse and Addiction Research Programs	336,781	-
National Institutes of Health	Direct		1K99DA042129-01	93.279	Drug Abuse and Addiction Research Programs	6	-
National Institutes of Health	Direct		1R21DA045680-01	93.279	Drug Abuse and Addiction Research Programs	(9,475)	-
National Institutes of Health, Billing	Direct		HHSNJ212018000196P	93.279	Drug Abuse and Addiction Research Programs	13,735	-
National Institutes of Health	Pass-Through	University of California Irvine	UCI 2017-3476	93.279	Drug Abuse and Addiction Research Programs	48,201	-
						<u>1,879,436</u>	-
National Institutes of Health	Direct		2R01EB014308-05A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	473,360	187,816
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	181,945	13,213
National Institutes of Health	Pass-Through	University of California Berkeley	9722	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	39,948	-
National Institutes of Health	Direct		1R21EB024311-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	62,247	26,307
National Institutes of Health	Direct		2R01EB016695-05	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	659,595	442,400
National Institutes of Health	Direct		1R01EB028105-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	962,460	-
National Institutes of Health	Pass-Through	VUMC	1R01EB026991	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	811	-
National Institutes of Health	Direct		1R01EB026901-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	608,887	110,431
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	289,199	9,925
National Institutes of Health	Direct		1R01EB028161-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	247,469	-
National Institutes of Health	Direct		1R01EB027468-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	658,649	179,886
National Institutes of Health	Direct		1R01EB028690-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	391,572	-
National Institutes of Health	Pass-Through	VUMC	VUMC 73877	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	15,951	-
National Institutes of Health	Pass-Through	University of Tennessee Space Institute	UTS 1R15EB027449	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	30,003	-
National Institutes of Health	Pass-Through	VUMC	1U18EB029351-01 REVISED	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	395,825	-
National Institutes of Health	Pass-Through	Endo Theia, Inc	1R41EB028229	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	55,235	-
National Institutes of Health	Direct		1R21EB027881-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	114,886	-
National Institutes of Health	Direct		1R01EB030414-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	243,797	-
National Institutes of Health	Pass-Through	Yaya Scientific, LLC	YAYA 1R41EB029888-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	12,406	-
National Institutes of Health	Pass-Through	VUMC	VUMC 81912	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	29,668	-
National Institutes of Health	Pass-Through	VUMC	VUMC 91816	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	62	-
National Institutes of Health	Direct		2132EB021937-06	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	5,580	-
National Institutes of Health	Direct		R01 ES017230 YR 1-4	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	169,551	3,273
National Institutes of Health	Direct		5 R01 EB17767-03	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	576	-
National Institutes of Health	Direct		1T32EB021937-01	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	144,455	-
National Institutes of Health	Direct		1R01EB019409 01/04	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	34,577	-
National Institutes of Health	Direct		1R01EB020940 1-4	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	151,244	25,774
National Institutes of Health	Direct		1R01EB016695-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	16,904	-
National Institutes of Health	Direct		1R01EB019980	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	36,444	-
National Institutes of Health	Direct		1R21EB024199-01A1	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	4,239	-
National Institutes of Health	Direct		1R01EB023717	93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health	334,240	76,924
						<u>5,772,085</u>	<u>1,075,949</u>
National Institutes of Health	Pass-Through	Meharry Medical College	17406MFL060	93.307	Minority Health and Health Disparities Research	26,008	-
National Institutes of Health	Pass-Through	Meharry - 170406MFL060 08	Meharry - 170406MFL060 08	93.307	Minority Health and Health Disparities Research	7,302	-
National Institutes of Health	Pass-Through	Meharry Medical College	Meharry - 170406MFL060-06	93.307	Minority Health and Health Disparities Research	7,302	-
National Institutes of Health	Direct		1R21MD015159-01A	93.307	Minority Health and Health Disparities Research	9,174	-
National Institutes of Health	Pass-Through	VUMC	CENTER OF EXCELLENCE	93.307	Minority Health and Health Disparities Research	197,234	-
						<u>247,020</u>	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1U54DK120058	93.310	Trans-NIH Research Support	2,062,230	302,344
National Institutes of Health	Direct		1U01CA235508-01	93.310	Trans-NIH Research Support	439,794	232,149
National Institutes of Health	Pass-Through	VUMC	VUMC 71727	93.310	Trans-NIH Research Support	(1,006)	-
National Institutes of Health	Pass-Through	University of California San Francisco	116036c	93.310	Trans-NIH Research Support	129,254	-
National Institutes of Health	Pass-Through	VUMC	VUMC 68757	93.310	Trans-NIH Research Support	24,817	-
National Institutes of Health	Pass-Through	Washington University in St. Louis	WU-21-53	93.310	Trans-NIH Research Support	68,525	-
National Institutes of Health	Pass-Through	Case Western Reserve University	OT20D025307-01	93.310	Trans-NIH Research Support	87,982	-
Centers for Disease Control	Pass-Through	TN Department of Health	34349-92919	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	2,811,596	534,493
						54,714	-
						54,714	-
National Institutes of Health	Direct		1U01R002383-01	93.350	National Center for Advancing Translational Sciences	1,288,222	839,635
National Institutes of Health	Direct		4UH3TR002097-03	93.350	National Center for Advancing Translational Sciences	1,144,318	296,175
National Institutes of Health	Pass-Through	Boston University	U01TR002625	93.350	National Center for Advancing Translational Sciences	65,637	-
National Institutes of Health	Direct		1R15TR003223-01	93.350	National Center for Advancing Translational Sciences	34,310	-
National Institutes of Health	Direct		3UH3TR002097-0451	93.350	National Center for Advancing Translational Sciences	268,226	150,341
National Institutes of Health	Pass-Through	VUMC	VUMC 89680	93.350	National Center for Advancing Translational Sciences	97,126	-
National Institutes of Health	Direct		UG3TR002097-01	93.350	National Center for Advancing Translational Sciences	3,140	-
National Institutes of Health	Pass-Through	VUMC	TR002243 VUMC 59661	93.350	National Center for Advancing Translational Sciences	137,214	-
						3,038,493	1,286,151
National Institutes of Health	Direct		1S100D028455-01	93.351	Research Infrastructure Programs	571,064	-
National Institutes of Health	Direct		1 R25 OD021883-01	93.351	Research Infrastructure Programs	75,685	-
						646,749	-
National Institutes of Health	Pass-Through	VUMC	1U2CCA233291	93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	481,012	-
Health Resources and Services Administration	Direct		1 UD7HP30932-01-00	93.359	Nurse Education, Practice Quality and Retention Grants	179,746	145,636
						179,746	145,636
National Institutes of Health	Direct		1R01CA2118315-01A1	93.393	Cancer Cause and Prevention Research	243,193	73,786
National Institutes of Health	Direct		2R01CA164605	93.393	Cancer Cause and Prevention Research	328,475	28,985
National Institutes of Health	Pass-Through	VUMC	VUMC68022	93.393	Cancer Cause and Prevention Research	17,596	-
National Institutes of Health	Direct		1U01CA224276	93.393	Cancer Cause and Prevention Research	310,695	152,352
National Institutes of Health	Direct		2P01CA160032-26A1	93.393	Cancer Cause and Prevention Research	1,412,980	593,840
National Institutes of Health	Pass-Through	VUMC	SPO1CA028942	93.393	Cancer Cause and Prevention Research	2,981	-
National Institutes of Health	Pass-Through	VUMC	2P01CA116087-12	93.393	Cancer Cause and Prevention Research	113,836	-
National Institutes of Health	Direct		1R01CA239161-01	93.393	Cancer Cause and Prevention Research	425,511	-
National Institutes of Health	Pass-Through	VUMC	VUMC67580	93.393	Cancer Cause and Prevention Research	24,703	-
National Institutes of Health	Pass-Through	VUMC	VUMC 82376	93.393	Cancer Cause and Prevention Research	28,121	-
National Institutes of Health	Direct		1R01CA247833-01	93.393	Cancer Cause and Prevention Research	274,789	127,106
National Institutes of Health	Direct		1R01CA240274-01A1	93.393	Cancer Cause and Prevention Research	92,380	-
National Institutes of Health	Pass-Through	VUMC	CA249863	93.393	Cancer Cause and Prevention Research	9,709	-
National Institutes of Health	Pass-Through	University of Kentucky	320003835-21-261	93.393	Cancer Cause and Prevention Research	16,602	-
National Institutes of Health	Pass-Through	VUMC	VUMC 58622	93.393	Cancer Cause and Prevention Research	412	-
National Institutes of Health	Direct		5 R01 CA087819-17	93.393	Cancer Cause and Prevention Research	329,890	-
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16	93.393	Cancer Cause and Prevention Research	81,628	-
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16a	93.393	Cancer Cause and Prevention Research	57,685	-
National Institutes of Health	Direct		1 R50 CA11206-01	93.393	Cancer Cause and Prevention Research	111,611	-
National Institutes of Health	Direct		1 R01CA200709-01	93.393	Cancer Cause and Prevention Research	295,814	92,549
National Institutes of Health	Direct		5 R01 CA102729-13	93.393	Cancer Cause and Prevention Research	(3,570)	-
National Institutes of Health	Pass-Through	Lawrence Berkley National Laboratory	2P01CA092584-16	93.393	Cancer Cause and Prevention Research	69,658	-
National Institutes of Health	Pass-Through	VUMC	VUMC/NU CA202981	93.393	Cancer Cause and Prevention Research	17,974	-
National Institutes of Health	Direct		1R01CA211305	93.393	Cancer Cause and Prevention Research	17,622	-
National Institutes of Health	Pass-Through	Thomas Jefferson University	2 R01CA207468	93.393	Cancer Cause and Prevention Research	16,807	-
						4,297,102	1,068,618
National Institutes of Health	Pass-Through	VUMC	VUMC69091	93.394	Cancer Detection and Diagnosis Research	25,911	-
National Institutes of Health	Pass-Through	VUMC	VUMC 80036	93.394	Cancer Detection and Diagnosis Research	(26,139)	-
National Institutes of Health	Direct		1R01CA245134-01A1	93.394	Cancer Detection and Diagnosis Research	193,811	-
National Institutes of Health	Pass-Through	VUMC	VUMC 79527	93.394	Cancer Detection and Diagnosis Research	20,457	-
National Institutes of Health	Pass-Through	VUMC	SU01CA132662-10	93.394	Cancer Detection and Diagnosis Research	30,889	-
National Institutes of Health	Pass-Through	VUMC	1R01CA153923-01	93.394	Cancer Detection and Diagnosis Research	5,248	-
National Institutes of Health	Pass-Through	VUMC	1U01CA186145-01-A1	93.394	Cancer Detection and Diagnosis Research	8,519	-
National Institutes of Health	Direct		1 R01 CA186193-01	93.394	Cancer Detection and Diagnosis Research	250,340	98,927
National Institutes of Health	Pass-Through	University of Texas at Austin	7U01CA174706-TEXAS	93.394	Cancer Detection and Diagnosis Research	(915)	-
National Institutes of Health	Direct		1R01CA212147-01A1	93.394	Cancer Detection and Diagnosis Research	324,281	24,450
						832,406	123,377

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R01CA224241-01A1	93.395	Cancer Treatment Research	607,790	242,319
National Institutes of Health	Pass-Through	VUMC	VUMC66321	93.395	Cancer Treatment Research	130,708	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GMO 190908 POW0000001594	93.395	Cancer Treatment Research	50,521	-
National Institutes of Health	Pass-Through	University of Miami	SPC-000908	93.395	Cancer Treatment Research	15,638	-
National Institutes of Health	Direct		1R01CA243326-01A1	93.395	Cancer Treatment Research	401,548	60,223
National Institutes of Health	Direct		2R01CA116021-16	93.395	Cancer Treatment Research	295,308	42,259
National Institutes of Health	Pass-Through	University of Texas MD Anderson Cancer Center	3001673697	93.395	Cancer Treatment Research	10,712	-
National Institutes of Health	Direct		2 R01 CA116021-11,12	93.395	Cancer Treatment Research	20,344	20,506
National Institutes of Health	Direct		1R01CA214043	93.395	Cancer Treatment Research	367,140	82,944
National Institutes of Health	Direct		7R01CA203991-02	93.395	Cancer Treatment Research	468,931	30,766
						<u>2,368,640</u>	<u>479,017</u>
National Institutes of Health	Direct		4R00CA201304-03	93.396	Cancer Biology Research	192,533	-
National Institutes of Health	Pass-Through	VUMC	VUMC 65678	93.396	Cancer Biology Research	11,342	-
National Institutes of Health	Direct		1R01CA226833-01A1	93.396	Cancer Biology Research	537,938	38,368
National Institutes of Health	Direct		1R21CA227483-01A1	93.396	Cancer Biology Research	116,576	-
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	5U01CA2215798	93.396	Cancer Biology Research	70,646	-
National Institutes of Health	Pass-Through	VUMC	1R01CA235016-01A1	93.396	Cancer Biology Research	10,728	-
National Institutes of Health	Pass-Through	VUMC	VUMC 73788	93.396	Cancer Biology Research	86,734	-
National Institutes of Health	Pass-Through	VUMC	1R01CA227833-01A1 - VUMC	93.396	Cancer Biology Research	220,476	-
National Institutes of Health	Direct		1R50CA243783	93.396	Cancer Biology Research	153,783	-
National Institutes of Health	Pass-Through	VUMC	VUMC 77087	93.396	Cancer Biology Research	442	-
National Institutes of Health	Direct		1P01CA229123-01A1	93.396	Cancer Biology Research	1,868,763	922,346
National Institutes of Health	Pass-Through	VUMC	R01CA249424-01	93.396	Cancer Biology Research	140,729	-
National Institutes of Health	Pass-Through	Dartmouth College	1R01CA244188-01A1	93.396	Cancer Biology Research	251,009	-
National Institutes of Health	Pass-Through	Salk Institute for Biological Studies	1R01 CA240909	93.396	Cancer Biology Research	11,197	-
National Institutes of Health	Direct		2R01CA206438-06	93.396	Cancer Biology Research	57,238	-
National Institutes of Health	Direct		1R01CA249858-01A1	93.396	Cancer Biology Research	24,947	-
National Institutes of Health	Direct		1U01CA202229-01	93.396	Cancer Biology Research	558,417	298,090
National Institutes of Health	Direct		5 R01 CA64140-22	93.396	Cancer Biology Research	(168)	-
National Institutes of Health	Direct		1 R35 CA197571-01	93.396	Cancer Biology Research	1,037,506	-
National Institutes of Health	Pass-Through	VUMC	1 R01 CA177681-01A1	93.396	Cancer Biology Research	287	-
National Institutes of Health	Direct		1R01CA206458-01	93.396	Cancer Biology Research	351,717	161,577
National Institutes of Health	Pass-Through	VUMC	1 U01 CA196405-01a	93.396	Cancer Biology Research	32,126	-
National Institutes of Health	Direct		1U01CA215845-01	93.396	Cancer Biology Research	522,910	10,314
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	1 R35 CA220449	93.396	Cancer Biology Research	<u>33,693</u>	<u>-</u>
						<u>6,301,569</u>	<u>1,430,695</u>
National Institutes of Health	Direct		1 U54 CA217450-01A1	93.397	Cancer Centers Support Grants	1,432,678	374,290
National Institutes of Health	Pass-Through	VUMC	VUMC 61062, VU 58983	93.397	Cancer Centers Support Grants	(197)	-
National Institutes of Health	Pass-Through	VUMC	VUMC59466	93.397	Cancer Centers Support Grants	169,566	-
National Institutes of Health	Pass-Through	VUMC	P50CA236733	93.397	Cancer Centers Support Grants	382,976	-
National Institutes of Health	Pass-Through	VUMC	2P50CA098131-17A1	93.397	Cancer Centers Support Grants	101,692	-
National Institutes of Health	Pass-Through	VUMC	5P30 CA068485-24	93.397	Cancer Centers Support Grants	118,911	-
National Institutes of Health	Pass-Through	VUMC	5P30 CA068485-24	93.397	Cancer Centers Support Grants	39,054	-
National Institutes of Health	Pass-Through	VUMC	2P30CA068485-25 UNIV58778	93.397	Cancer Centers Support Grants	861,246	-
National Institutes of Health	Pass-Through	VUMC	3P30CA068485-25S1	93.397	Cancer Centers Support Grants	24,341	-
National Institutes of Health	Pass-Through	VUMC	5 U54 CA163072-05	93.397	Cancer Centers Support Grants	129	-
National Institutes of Health	Pass-Through	VUMC	VUMC59916 CA068485-2153-23	93.397	Cancer Centers Support Grants	(13,425)	-
National Institutes of Health	Pass-Through	VUMC	UNIV58778	93.397	Cancer Centers Support Grants	165,255	-
National Institutes of Health	Pass-Through	VUMC	CA068485-2251 VUMC 61062	93.397	Cancer Centers Support Grants	(233)	-
						<u>3,281,593</u>	<u>374,290</u>
National Institutes of Health	Direct		1F30CA224559-01	93.398	Cancer Research Manpower	32,794	-
National Institutes of Health	Direct		1F30CA228242-01	93.398	Cancer Research Manpower	54,391	-
National Institutes of Health	Direct		N00CA212447	93.398	Cancer Research Manpower	75,945	-
National Institutes of Health	Direct		1F31CA225065	93.398	Cancer Research Manpower	20,996	-
National Institutes of Health	Direct		T32CA009582-31-35	93.398	Cancer Research Manpower	326,946	-
National Institutes of Health	Direct		2T32CA119925-11-15	93.398	Cancer Research Manpower	456,223	-
National Institutes of Health	Direct		1F30CA236131	93.398	Cancer Research Manpower	6,910	-
National Institutes of Health	Direct		F31CA232172	93.398	Cancer Research Manpower	30,725	-
National Institutes of Health	Direct		2T32CA009592-31	93.398	Cancer Research Manpower	407,727	11,248
National Institutes of Health	Direct		1F30CA236157	93.398	Cancer Research Manpower	30,125	-
National Institutes of Health	Direct		1F31CA243148-01	93.398	Cancer Research Manpower	30,868	-
National Institutes of Health	Direct		1F31CA241556	93.398	Cancer Research Manpower	30,528	-
National Institutes of Health	Direct		1F31CA243353	93.398	Cancer Research Manpower	29,036	-
National Institutes of Health	Direct		1 F30 CA239367-01A1	93.398	Cancer Research Manpower	30,473	-
National Institutes of Health	Direct		1F30CA247078-01	93.398	Cancer Research Manpower	30,424	-
National Institutes of Health	Direct		1F31CA250258-01	93.398	Cancer Research Manpower	69,693	-
National Institutes of Health	Direct		1F31CA247131-01A1	93.398	Cancer Research Manpower	29,917	-
National Institutes of Health	Direct		1F31CA247256-01A1	93.398	Cancer Research Manpower	28,182	-
National Institutes of Health	Direct		1F31CA257102-01	93.398	Cancer Research Manpower	10,965	-
National Institutes of Health	Direct		1F31CA254311-01A1	93.398	Cancer Research Manpower	18,583	-
National Institutes of Health	Direct		1F31CA252776-01	93.398	Cancer Research Manpower	18,302	-
National Institutes of Health	Direct		F30CA247202	93.398	Cancer Research Manpower	6,751	-
National Institutes of Health	Direct		1F30CA203220 01/04	93.398	Cancer Research Manpower	1,043	-
National Institutes of Health	Direct		1F30CA196087-01-04	93.398	Cancer Research Manpower	(2,884)	-
National Institutes of Health	Direct		1 F31 CA199993-02	93.398	Cancer Research Manpower	1,258	-
National Institutes of Health	Direct		4T32CA009592-29	93.398	Cancer Research Manpower	(553)	-
National Institutes of Health	Direct		1F30CA16891 01/04	93.398	Cancer Research Manpower	32,055	-
National Institutes of Health	Direct		1F31CA221147-01	93.398	Cancer Research Manpower	<u>2,353</u>	<u>-</u>
						<u>1,799,776</u>	<u>11,248</u>

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
Administration for Community Living	Pass-Through	Virginia Commonwealth University	P00010656_SA002	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	107,355	-
Administration for Community Living	Pass-Through	Virginia Commonwealth University	P00010584_SA001	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	192,256	-
National Institutes of Health	Direct		90FRE0001-01-00	93.433	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	192,482	6,534
						<u>492,093</u>	<u>6,534</u>
National Institutes of Health	Pass-Through	VUMC	R01DK120821	93.547	National Health Service Corps	90,719	-
National Institutes of Health	Pass-Through	TN Council on Developmental Disabilities	31614-81221 / 67351	93.630	Developmental Disabilities Basic Support and Advocacy Grants	68,666	-
National Institutes of Health	Pass-Through	VUMC	31614-80221	93.630	Developmental Disabilities Basic Support and Advocacy Grants	48,184	-
						<u>116,850</u>	<u>-</u>
Administration for Community Living	Pass-Through	VUMC	90DDUC077-01-00	93.632	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	124,916	-
Administration for Community Living	Pass-Through	VUMC	VUMC85827	93.632	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	41,219	-
Administration for Children and Families	Pass-Through	VUMC	90DD0807-03-00	93.632	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	(12,806)	-
						<u>153,329</u>	<u>-</u>
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)	(523)	-
Health Resources and Services Administration	Direct	HRSA	MD1HP31387	93.732	Mental and Behavioral Health Education and Training Grants	157,534	-
						<u>157,534</u>	<u>-</u>
National Institutes of Health	Pass-Through	VUMC	VUMC 65119	93.837	Cardiovascular Diseases Research	12,878	-
National Institutes of Health	Pass-Through	VUMC	VUMC 60278	93.837	Cardiovascular Diseases Research	20,333	-
National Institutes of Health	Pass-Through	Northwestern University	2R01HL122010-05	93.837	Cardiovascular Diseases Research	881,576	-
National Institutes of Health	Direct		1T32HL144446	93.837	Cardiovascular Diseases Research	251,479	4,392
National Institutes of Health	Direct		1F30HL145917	93.837	Cardiovascular Diseases Research	30,130	-
National Institutes of Health	Pass-Through	VUMC	R00HL135442	93.837	Cardiovascular Diseases Research	29,615	-
National Institutes of Health	Direct		1R25HL145330-01	93.837	Cardiovascular Diseases Research	40,108	7,909
National Institutes of Health	Pass-Through	VUMC	VUMC 63572	93.837	Cardiovascular Diseases Research	41,820	-
National Institutes of Health	Direct		1K99HL146951-01	93.837	Cardiovascular Diseases Research	8,274	-
National Institutes of Health	Pass-Through	University of Virginia	7R01HL144131-02	93.837	Cardiovascular Diseases Research	100,581	-
National Institutes of Health	Direct		1 F30 HL147464-01A1	93.837	Cardiovascular Diseases Research	9,424	-
National Institutes of Health	Direct		1 F31 HL149168-01	93.837	Cardiovascular Diseases Research	44,894	-
National Institutes of Health	Direct		1F31HL151115-01	93.837	Cardiovascular Diseases Research	46,706	-
National Institutes of Health	Direct		1F31HL151125-01	93.837	Cardiovascular Diseases Research	30,890	-
National Institutes of Health	Direct		1R01HL151223-01	93.837	Cardiovascular Diseases Research	459,373	263,521
National Institutes of Health	Direct		1F30HL145919-01A1	93.837	Cardiovascular Diseases Research	30,338	-
National Institutes of Health	Direct		1F30HL151069 YR 1-5	93.837	Cardiovascular Diseases Research	30,252	-
National Institutes of Health	Pass-Through	Virtuosio Surgical, Inc	2R44HL140709-02/UNV61426	93.837	Cardiovascular Diseases Research	7,074	-
National Institutes of Health	Direct		1F31HL154596-01	93.837	Cardiovascular Diseases Research	54,524	-
National Institutes of Health	Direct		1F31HL154569-01	93.837	Cardiovascular Diseases Research	25,697	-
National Institutes of Health	Direct		1F31HL154727-01	93.837	Cardiovascular Diseases Research	40,515	-
National Institutes of Health	Pass-Through	VUMC	2P01HL16263-06A1	93.837	Cardiovascular Diseases Research	125,258	-
National Institutes of Health	Pass-Through	New York University	NYU - 18-40-00-001801	93.837	Cardiovascular Diseases Research	7,054	-
National Institutes of Health	Direct		1R01HL128715 01/04	93.837	Cardiovascular Diseases Research	5,658	-
National Institutes of Health	Direct		1R01HL122347 01/04	93.837	Cardiovascular Diseases Research	184,258	493
National Institutes of Health	Direct		5T32HL007411-37	93.837	Cardiovascular Diseases Research	435,271	36,360
National Institutes of Health	Pass-Through	VUMC	HL137166-VUMC 60817	93.837	Cardiovascular Diseases Research	14,177	-
National Institutes of Health	Pass-Through	VUMC	HL133127-VUMC	93.837	Cardiovascular Diseases Research	14,939	-
National Institutes of Health	Pass-Through	VUMC	5 P01 HL116263-04	93.837	Cardiovascular Diseases Research	(2,216)	-
National Institutes of Health	Direct		7R01HL127499-03	93.837	Cardiovascular Diseases Research	230,937	-
National Institutes of Health	Pass-Through	VUMC	5R01HL122847-04	93.837	Cardiovascular Diseases Research	(6,592)	-
National Institutes of Health	Direct		1F32HL138745	93.837	Cardiovascular Diseases Research	11,191	-
National Institutes of Health	Pass-Through	Meharry Medical College	MOLECULAR MICROBIAL	93.837	Cardiovascular Diseases Research	(79)	-
						<u>3,216,337</u>	<u>312,675</u>
National Institutes of Health	Pass-Through	Virtuosio Surgical, Inc	1R41HL140709-01	93.838	Lung Diseases Research	(2,864)	-
National Institutes of Health	Direct		1F31HL142189	93.838	Lung Diseases Research	23,872	-
National Institutes of Health	Direct		1F30HL140756	93.838	Lung Diseases Research	29,833	-
National Institutes of Health	Pass-Through	University of Texas Medical Branch at Galveston	R01HL145477	93.838	Lung Diseases Research	22,100	-
National Institutes of Health	Pass-Through	VUMC	R35 HL150783	93.838	Lung Diseases Research	11,578	-
National Institutes of Health	Pass-Through	VUMC	VUMC - 5T32HL087738-15	93.838	Lung Diseases Research	53,851	-
National Institutes of Health	Direct		1F31HL151033-01A1	93.838	Lung Diseases Research	25,097	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5118208	93.838	Lung Diseases Research	75,794	-
National Institutes of Health	Pass-Through	VUMC	5 R01 HL111259-05	93.838	Lung Diseases Research	(739)	-
National Institutes of Health	Direct		1R35HL135790	93.838	Lung Diseases Research	300,234	-
National Institutes of Health	Pass-Through	VUMC	UNV/VUMCdb	93.838	Lung Diseases Research	31,072	-
National Institutes of Health	Pass-Through	University of Pittsburgh	HL135144-UNV OF PIT	93.838	Lung Diseases Research	45,599	-
						<u>616,017</u>	<u>-</u>

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1F30HL143826	93.839	Blood Diseases and Resources Research	43,899	-
National Institutes of Health	Direct		1 F31 HL149340-01	93.839	Blood Diseases and Resources Research	29,905	-
National Institutes of Health	Direct		1F31HL152529-01	93.839	Blood Diseases and Resources Research	30,003	-
National Institutes of Health	Direct		F31HL156565	93.839	Blood Diseases and Resources Research	9,888	-
National Institutes of Health	Direct		1R01HL139323	93.839	Blood Diseases and Resources Research	393,151	51,086
National Institutes of Health	Pass-Through	VUMC	K12HL137943	93.840	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	506,846	51,086
National Institutes of Health	Direct		1R01AR072679-01A1	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	171,027	-
National Institutes of Health	Direct		1R21AR074589-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	365,394	101,570
National Institutes of Health	Pass-Through	VUMC	VUMC 74537	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	178,405	25,396
National Institutes of Health	Direct		1F31AR077386-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	42,573	-
National Institutes of Health	Direct		1R21AR078636	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	32,246	-
National Institutes of Health	Direct		2T32AR059039	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	36,943	-
National Institutes of Health	Direct		1R01AR064772-01A1	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	5,234	-
National Institutes of Health	Direct		5T32AR059039	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	226,054	120,311
National Institutes of Health	Direct		1R21AR072510-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	302,858	12,880
National Institutes of Health	Direct					(58)	-
National Institutes of Health	Direct		1R01DK117158-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,189,649	260,157
National Institutes of Health	Pass-Through	VUMC	VUMC 59472	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	358,292	-
National Institutes of Health	Direct		2T32DK007563-31	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	432,359	-
National Institutes of Health	Direct		2R01DK018243-43A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	607,445	-
National Institutes of Health	Direct		1F30DK118774	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	765,594	-
National Institutes of Health	Direct		1F31DK117592-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,204	-
National Institutes of Health	Direct		1F30DK118830-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	4,220	-
National Institutes of Health	Direct		1F30DK118855-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	8,629	-
National Institutes of Health	Pass-Through	VUMC	VUMC 66391	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	7,375	-
National Institutes of Health	Pass-Through	Indiana University	IN4684797VU	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	2,665	-
National Institutes of Health	Direct		1F31DK120225	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	106,741	-
National Institutes of Health	Direct		1F30DK120149	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	13,724	-
National Institutes of Health	Direct		1R01DK111362	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,379	-
National Institutes of Health	Direct		1F31DK20214	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	53,237	22,186
National Institutes of Health	Pass-Through	VUMC	VUMC 66384	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(1,783)	-
National Institutes of Health	Pass-Through	VUMC	2R01DK101332	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(2,120)	-
National Institutes of Health	Direct		1F30DK117147	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	3,882	-
National Institutes of Health	Direct		1F30DK120114	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	765,860	424,857
National Institutes of Health	Pass-Through	VUMC	2R01DK105550-07	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,130	-
National Institutes of Health	Direct		1F31DK122692-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	11,342	-
National Institutes of Health	Direct		2 R01 DK097392-06A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,400	-
National Institutes of Health	Pass-Through	VUMC	VUMC75425	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	403,078	-
National Institutes of Health	Direct		1F30DK121438	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	57,835	-
National Institutes of Health	Direct		1F31DK122650-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,217	-
National Institutes of Health	Direct		1R01DK119508	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	31,876	-
National Institutes of Health	Pass-Through	VUMC	VUMC 76112	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	595,848	14,372
National Institutes of Health	Direct		R01DK121520	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	100,807	-
National Institutes of Health	Direct		2T32DK101003-06	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	577,808	-
National Institutes of Health	Pass-Through	University of Illinois at Chicago	17584	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	294,081	-
National Institutes of Health	Pass-Through	VUMC	P30DK092986	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	11,513	-
National Institutes of Health	Pass-Through	Augusta University	3230755	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	368	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GMO 201024 P0H0000001887	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	48,295	-
National Institutes of Health	Pass-Through	VUMC	VUMC 77479	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	107,006	-
National Institutes of Health	Direct		1F32DK123879-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	53,834	-
National Institutes of Health	Direct		1F31DK123881-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	57,319	-
National Institutes of Health	Direct		1F31DK121550-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	36,246	-
National Institutes of Health	Pass-Through	VUMC	1U01 DK123716-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	30,303	-
National Institutes of Health	Pass-Through	VUMC	SU01 DK120456-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,292	-
National Institutes of Health	Pass-Through	VUMC	VUMC74181	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	9,764	-
National Institutes of Health	Pass-Through	Augusta University	33235-8	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	18,543	-
National Institutes of Health	Pass-Through	VUMC	VUMC 83026	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	51,986	-
National Institutes of Health	Pass-Through	Cincinnati Children's Hospital Medical Center	R01DK123181	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	25,856	-
National Institutes of Health	Direct		1R01DK125696-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	35,859	-
National Institutes of Health	Pass-Through	VUMC	P30DK020513	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	335,981	-
National Institutes of Health	Direct		2R01DK050277-24	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	8,091	-
National Institutes of Health	Pass-Through	VUMC	VUMC 64825	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	258,396	24,210
National Institutes of Health	Direct		1F31DK127613	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	13,616	-
National Institutes of Health	Direct		1F30DK127609	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	25,897	-
National Institutes of Health	Pass-Through	Massachusetts General Hospital	5R01DK117236-MASSGEN	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	25,989	-
National Institutes of Health	Direct		1R03DK127484-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	120,477	-
National Institutes of Health	Direct		1F31DK126428-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	51,486	-
National Institutes of Health	Pass-Through	VUMC	VUMC 84206	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,084	-
National Institutes of Health	Pass-Through	Stanford University	R01DK1216482	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	46,568	-
National Institutes of Health	Pass-Through	University of Alberta	RES0041098_5011	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	127,976	-
National Institutes of Health	Pass-Through	Indiana University	2R01DK040949	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	124,328	28,903
National Institutes of Health	Pass-Through	University of Michigan	1R01DK126715-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	53,066	-
National Institutes of Health	Pass-Through	VUMC	VUMC 84741	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	98,779	-
National Institutes of Health	Direct		2R01DK103831-06	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	3,888	-
National Institutes of Health	Direct		F31DK127728	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	227,786	12,790
National Institutes of Health	Direct		1R01DK128710-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,459	-
National Institutes of Health	Direct					61,685	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R01DK125546-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	22,504	-
National Institutes of Health	Direct		2R01 DK106228-06	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	90,779	-
National Institutes of Health	Direct		1F31DK127687-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	292	-
National Institutes of Health	Pass-Through	VUMC	UNIV58790	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	2,635	-
National Institutes of Health	Direct		R01DK106348 1/5	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	69,868	-
National Institutes of Health	Direct		1F30DK111107-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(824)	-
National Institutes of Health	Pass-Through	VUMC	BA: R24 DK106755	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(2,405)	-
National Institutes of Health	Pass-Through	VUMC	1 R24 DK106755-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(7,361)	-
National Institutes of Health	Pass-Through	VUMC	DK136755-VUMC 6/1/22	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	290,481	-
National Institutes of Health	Direct		2R01DK054002-16A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	184,958	36,158
National Institutes of Health	Direct		2R01DK090570-05A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	304,517	21,652
National Institutes of Health	Direct		2U2CDK059637-16 thru 20	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	823,781	212,657
National Institutes of Health	Direct		2U2CDK059637-16 thru 21	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	300,238	90,435
National Institutes of Health	Direct		1R01DK106476-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	395,748	-
National Institutes of Health	Direct		7R01 DK 111831	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	335,222	186,407
National Institutes of Health	Direct		1 F30 DK104514-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(85)	-
National Institutes of Health	Pass-Through	VUMC	1 R01 DK109102-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	15,409	-
National Institutes of Health	Pass-Through	VUMC	DK136755-01/VUMC	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	469	-
National Institutes of Health	Direct		1 UC4 DK108120-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	34,271	37,596
National Institutes of Health	Direct		1 R01 DK103831-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	217,812	-
National Institutes of Health	Direct		1 R01 DK106228-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	376,872	-
National Institutes of Health	Direct		1 R01 DK115495-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	348,717	-
National Institutes of Health	Direct		1R01DK109204-01/04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(5,852)	-
National Institutes of Health	Direct		5 F30 DK103438-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	2,079	-
National Institutes of Health	Direct		T32DK11003 YEAR 2	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	62,471	-
National Institutes of Health	Pass-Through	VUMC	BA: UNIV59419/VUMC61547	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	17,901	-
National Institutes of Health	Pass-Through	VUMC	UNIV5824	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	122,124	-
National Institutes of Health	Pass-Through	University of Cincinnati	7R01DK106364	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	99,627	-
National Institutes of Health	Direct		DK052023	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	301,858	100,099
National Institutes of Health	Pass-Through	VUMC	UNIV59245(UACADK11223	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	15,012	-
National Institutes of Health	Direct		R01DK115620	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	481,269	-
						<u>12,384,138</u>	<u>1,712,222</u>
National Institutes of Health	Direct		1R01NS106951-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	424,278	117,999
National Institutes of Health	Direct		1R01NS102365	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	324,378	42,151
National Institutes of Health	Direct		4R37NS031373-24	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	350,431	-
National Institutes of Health	Direct		1R01NS107456	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	468,869	211,735
National Institutes of Health	Direct		1R21NS106510-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	120,603	2,650
National Institutes of Health	Pass-Through	University of Louisville	ULRF 17-1118-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	7,985	-
National Institutes of Health	Pass-Through	VUMC	5T32NS007491-18	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(54)	-
National Institutes of Health	Direct		8R02DA04836	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	75,838	-
National Institutes of Health	Direct		1F31NS106735	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	29,757	-
National Institutes of Health	Direct		1R21NS109521	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(30,866)	-
National Institutes of Health	Direct		1R01NS117749	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	139,516	-
National Institutes of Health	Pass-Through	VUMC	VUMC 69141	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	50,206	-
National Institutes of Health	Pass-Through	VUMC	VUMC 69235	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	18,716	-
National Institutes of Health	Pass-Through	University of Chicago	1R21NS108505-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	73,337	-
National Institutes of Health	Direct		1R99NS110878	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	26,902	-
National Institutes of Health	Direct		7R01NS094456	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	102,630	-
National Institutes of Health	Pass-Through	VUMC	VUMC 72244	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	5,773	-
National Institutes of Health	Direct		1F31NS113494	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	12,635	-
National Institutes of Health	Pass-Through	VUMC	VUMC 69232	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	146,838	-
National Institutes of Health	Pass-Through	VUMC	1R01NS122552-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	255,913	-
National Institutes of Health	Direct		1 UG3 NS116218-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	786,098	359,218
National Institutes of Health	Pass-Through	Children's Hospital of Philadelphia	CHOP 3201870620	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	83,805	-
National Institutes of Health	Direct		4 R33 NS109521-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	400,000	128,969
National Institutes of Health	Direct		1 F31 NS113510-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	30,331	-
National Institutes of Health	Direct		1R21NS116257-1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	188,721	-
National Institutes of Health	Direct		1R21NS117404-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	279,988	104,105
National Institutes of Health	Direct		1R01NS110665-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	499,276	6,405
National Institutes of Health	Pass-Through	VUMC	5R01NS108445-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	75,453	-
National Institutes of Health	Direct		1R01NS113559-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	346,199	-
National Institutes of Health	Pass-Through	University of Chicago	AW0101175 (SU000000282)	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	51,134	-
National Institutes of Health	Pass-Through	Loyola University Chicago	RG LU 213423-3uv	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	20,809	-
National Institutes of Health	Pass-Through	VUMC	VUMC 80403	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	68,852	-
National Institutes of Health	Direct		1R01NS118580-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	286,209	100,311
National Institutes of Health	Pass-Through	VUMC	21-0126 Vandy	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	12,298	-
National Institutes of Health	Pass-Through	VUMC	VUMC 83133	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	3,986	-
National Institutes of Health	Pass-Through	VUMC	5T32NS007491-VUMC	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	46,656	-
National Institutes of Health	Direct		F99NS120599	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	21,581	-
National Institutes of Health	Direct		1R61NS112445-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	48,954	-
National Institutes of Health	Pass-Through	VUMC	T32NS007491	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	24,652	-
National Institutes of Health	Pass-Through	VUMC	VUMC- BA: 5T32NS007491	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	27,874	-
National Institutes of Health	Direct		1R01NS120518-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	29,213	-
National Institutes of Health	Direct		1R21NS119889-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	80,146	-
National Institutes of Health	Direct		2R01NS031173 VR 27-31	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	69,676	-
National Institutes of Health	Pass-Through	VUMC	VUMC 84387	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	4,723	-
National Institutes of Health	Pass-Through	Emory University	3R01NS102306-04S1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	13,125	-
National Institutes of Health	Pass-Through	VUMC	1 R01 NS93669-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	266,428	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		01NS095291 YR 9-12	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	187,157	-
National Institutes of Health	Direct		2R01NS049251-08/12	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	145,185	-
National Institutes of Health	Direct		1 R01 NS095989-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	395,492	119,261
National Institutes of Health	Direct		1 R01 NS097898-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	194,375	701
National Institutes of Health	Direct		1 R01 NS096899-01A1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	422,108	-
National Institutes of Health	Direct		1R01NS096238-01	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	296,330	18,076
National Institutes of Health	Pass-Through	University of Kansas	ETR-1/CE1F3 IN NEURO	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	(1,357)	-
National Institutes of Health	Pass-Through	VUMC	VUMC60466 UNIV58597	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	853	-
National Institutes of Health	Pass-Through	Emory University	UNIV58887	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	85,809	-
National Institutes of Health	Pass-Through	Yale University	UNIV58887	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	417,671	-
National Institutes of Health	Direct		1R01NS104497	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	257,048	9,289
National Institutes of Health	Pass-Through	VUMC	BA: Univ 59643	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	3,939	-
						8,775,044	1,220,870
National Institutes of Health	Direct		R21AI133522	93.855	Allergy and Infectious Diseases Research	511	-
National Institutes of Health	Direct		1F30AI138424-01	93.855	Allergy and Infectious Diseases Research	8,440	-
National Institutes of Health	Direct		F31AI136255	93.855	Allergy and Infectious Diseases Research	(496)	-
National Institutes of Health	Direct		1R21AI138157-01	93.855	Allergy and Infectious Diseases Research	128,541	-
National Institutes of Health	Pass-Through	VUMC	VUMC650201	93.855	Allergy and Infectious Diseases Research	(890)	-
National Institutes of Health	Pass-Through	University of Virginia	5U01AI125056	93.855	Allergy and Infectious Diseases Research	70,830	-
National Institutes of Health	Direct		1R01AI136301-01A1	93.855	Allergy and Infectious Diseases Research	474,188	177,310
National Institutes of Health	Pass-Through	VUMC	RO1AI138581	93.855	Allergy and Infectious Diseases Research	319,339	-
National Institutes of Health	Direct		1F32AI140557	93.855	Allergy and Infectious Diseases Research	35,538	-
National Institutes of Health	Direct		1R01AI127422-02	93.855	Allergy and Infectious Diseases Research	796,989	-
National Institutes of Health	Pass-Through	University of Idaho	RO1AI084918	93.855	Allergy and Infectious Diseases Research	62,656	-
National Institutes of Health	Pass-Through	University of Texas Medical Branch at Galveston	19-84547	93.855	Allergy and Infectious Diseases Research	402,564	-
National Institutes of Health	Pass-Through	Georgia State University	RO1AI127793	93.855	Allergy and Infectious Diseases Research	111,414	-
National Institutes of Health	Direct		1F32AI140904-01A1	93.855	Allergy and Infectious Diseases Research	48,881	-
National Institutes of Health	Direct		1R01AI140400-01A1	93.855	Allergy and Infectious Diseases Research	342,564	-
National Institutes of Health	Direct		1 F31 AI143244-01A1	93.855	Allergy and Infectious Diseases Research	30,360	-
National Institutes of Health	Pass-Through	Pragmadox, Inc.	Pragmadox - 1	93.855	Allergy and Infectious Diseases Research	17,021	-
National Institutes of Health	Direct		1 T32 AI138932-01A1	93.855	Allergy and Infectious Diseases Research	276,906	2,728
National Institutes of Health	Direct		1F31AI145189	93.855	Allergy and Infectious Diseases Research	23,788	-
National Institutes of Health	Pass-Through	VUMC	RO1AI149722	93.855	Allergy and Infectious Diseases Research	66,485	-
National Institutes of Health	Direct		1R01AI143725-01A1	93.855	Allergy and Infectious Diseases Research	348,631	-
National Institutes of Health	Direct		1F31AI152332	93.855	Allergy and Infectious Diseases Research	30,310	-
National Institutes of Health	Pass-Through	VUMC	1U19AI142764	93.855	Allergy and Infectious Diseases Research	53,801	-
National Institutes of Health	Direct		1R21AI150828	93.855	Allergy and Infectious Diseases Research	113,645	-
National Institutes of Health	Direct		2T32AI112541	93.855	Allergy and Infectious Diseases Research	329,549	-
National Institutes of Health	Pass-Through	VUMC	1U01AI150739-01	93.855	Allergy and Infectious Diseases Research	621,682	-
National Institutes of Health	Pass-Through	Viridic LLC	A1149906	93.855	Allergy and Infectious Diseases Research	110,942	-
National Institutes of Health	Pass-Through	VUMC	RO1AI145992	93.855	Allergy and Infectious Diseases Research	283,261	-
National Institutes of Health	Pass-Through	VUMC	VUMC 82492	93.855	Allergy and Infectious Diseases Research	33,387	-
National Institutes of Health	Direct		1F31AI149863-01	93.855	Allergy and Infectious Diseases Research	25,509	-
National Institutes of Health	Direct		F30AI150077	93.855	Allergy and Infectious Diseases Research	28,134	-
National Institutes of Health	Pass-Through	VUMC	RO1AI095755	93.855	Allergy and Infectious Diseases Research	22,592	-
National Institutes of Health	Direct		1R01AI157827-01	93.855	Allergy and Infectious Diseases Research	157,849	-
National Institutes of Health	Direct		1F31AI147560-01A1	93.855	Allergy and Infectious Diseases Research	25,697	-
National Institutes of Health	Direct		1F31AI152614-01A1	93.855	Allergy and Infectious Diseases Research	25,367	-
National Institutes of Health	Pass-Through	VUMC	U01AI150739	93.855	Allergy and Infectious Diseases Research	19,112	-
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	ROI A1154561	93.855	Allergy and Infectious Diseases Research	68,591	-
National Institutes of Health	Direct		1R56AI146096-01A1	93.855	Allergy and Infectious Diseases Research	155,883	52,507
National Institutes of Health	Pass-Through	University of Washington	1R01AI145848-01A1	93.855	Allergy and Infectious Diseases Research	7,458	-
National Institutes of Health	Pass-Through	University of Texas MD Anderson Cancer Center	1P01 AI139449-01A1	93.855	Allergy and Infectious Diseases Research	19,143	-
National Institutes of Health	Pass-Through	VUMC	VUMC85308	93.855	Allergy and Infectious Diseases Research	65,139	-
National Institutes of Health	Direct		1R21AI156693	93.855	Allergy and Infectious Diseases Research	100,860	-
National Institutes of Health	Pass-Through	VUMC	RO1AI155668	93.855	Allergy and Infectious Diseases Research	93,383	-
National Institutes of Health	Pass-Through	Desmond Tutu HIV Foundation	1R01AI150485	93.855	Allergy and Infectious Diseases Research	14,483	-
National Institutes of Health	Pass-Through	VUMC	VUMC R1171	93.855	Allergy and Infectious Diseases Research	13,598	-
National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	Dana Farber - 1313501	93.855	Allergy and Infectious Diseases Research	108,960	-
National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	Dana Farber - 1313601	93.855	Allergy and Infectious Diseases Research	36,268	-
National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	Dana Farber - 1313801	93.855	Allergy and Infectious Diseases Research	926	-
National Institutes of Health	Direct		1R21AI154970-01A1	93.855	Allergy and Infectious Diseases Research	102,669	-
National Institutes of Health	Pass-Through	University of Cape Town (South Africa)	A110329/UNIV OF CAPE	93.855	Allergy and Infectious Diseases Research	146	-
National Institutes of Health	Pass-Through	VUMC	1 P30AI110527-01A1a	93.855	Allergy and Infectious Diseases Research	(1,788)	-
National Institutes of Health	Direct		GRAPEL-1F30AI129229	93.855	Allergy and Infectious Diseases Research	493	-
National Institutes of Health	Direct		1F31AI126662-01	93.855	Allergy and Infectious Diseases Research	908	-
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	5 R01 AI120748-02	93.855	Allergy and Infectious Diseases Research	78,478	-
National Institutes of Health	Pass-Through	VUMC	6 R01 AI101171-05	93.855	Allergy and Infectious Diseases Research	2,601	-
National Institutes of Health	Direct		1 R01 AI108778-01A1	93.855	Allergy and Infectious Diseases Research	129,025	-
National Institutes of Health	Direct		5T32AI112541-02	93.855	Allergy and Infectious Diseases Research	2,147	2,147
National Institutes of Health	Direct		1R01AI32581-01	93.855	Allergy and Infectious Diseases Research	395,155	-
National Institutes of Health	Direct		A1131780-YEAR 01/03	93.855	Allergy and Infectious Diseases Research	49	-
National Institutes of Health	Direct		A135937	93.855	Allergy and Infectious Diseases Research	299,432	87,579
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	UNIV44107	93.855	Allergy and Infectious Diseases Research	2,914	-
National Institutes of Health	Pass-Through	VUMC	U13M11795 VUMC6003	93.855	Allergy and Infectious Diseases Research	12,571	-
National Institutes of Health	Pass-Through	VUMC	VUMC63571 UNIV59819	93.855	Allergy and Infectious Diseases Research	8,415	-
National Institutes of Health	Pass-Through	Meharry Medical College	T32AI007281 MEHARRY	93.855	Allergy and Infectious Diseases Research	(79)	-
National Institutes of Health	Pass-Through	VUMC	A1101171	93.855	Allergy and Infectious Diseases Research	163,754	-
						7,143,289	322,271

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		R01GM107978-05	93.859	Biomedical Research and Research Training	318,291	-
National Institutes of Health	Direct		1R35GM127098	93.859	Biomedical Research and Research Training	351,284	-
National Institutes of Health	Direct		2R01DK095811-05A1	93.859	Biomedical Research and Research Training	414,096	110,505
National Institutes of Health	Direct		1R35GM127087-01	93.859	Biomedical Research and Research Training	28,339	-
National Institutes of Health	Pass-Through	University of Virginia	GB1515.151721	93.859	Biomedical Research and Research Training	154,471	-
National Institutes of Health	Direct		1F32GM128344-01	93.859	Biomedical Research and Research Training	2,456	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5107299	93.859	Biomedical Research and Research Training	7,567	-
National Institutes of Health	Direct		1F31GM128334	93.859	Biomedical Research and Research Training	898	-
National Institutes of Health	Direct		1R35GM128915	93.859	Biomedical Research and Research Training	401,284	-
National Institutes of Health	Direct		2T32GM065086-16-20	93.859	Biomedical Research and Research Training	408,696	-
National Institutes of Health	Direct		2T32GM007628-41-45	93.859	Biomedical Research and Research Training	430,651	102,796
National Institutes of Health	Direct		1F32GM128270-01	93.859	Biomedical Research and Research Training	(333)	-
National Institutes of Health	Direct		1R35GM128696-01	93.859	Biomedical Research and Research Training	378,769	-
National Institutes of Health	Direct		1R01GM130130	93.859	Biomedical Research and Research Training	234,922	-
National Institutes of Health	Direct		2R01GM076592-10 THUR 13	93.859	Biomedical Research and Research Training	338,604	30,838
National Institutes of Health	Direct		1R35GM128650-01	93.859	Biomedical Research and Research Training	519,812	-
National Institutes of Health	Direct		1R01GM128336-01	93.859	Biomedical Research and Research Training	203,881	-
National Institutes of Health	Pass-Through	University of California Los Angeles	2120 G W4478	93.859	Biomedical Research and Research Training	37,205	-
National Institutes of Health	Direct		1F31GM131581-01	93.859	Biomedical Research and Research Training	20,551	-
National Institutes of Health	Direct		1R01GM128191-01	93.859	Biomedical Research and Research Training	528,126	198,854
National Institutes of Health	Pass-Through	Indiana University	BL-4624936-VU	93.859	Biomedical Research and Research Training	113,443	-
National Institutes of Health	Pass-Through	Northern California Institute for Research and Education	2R01GM061606-17	93.859	Biomedical Research and Research Training	305,941	-
National Institutes of Health	Direct		2R01GM063557-13	93.859	Biomedical Research and Research Training	261,662	-
National Institutes of Health	Direct		1R01GM131178-01	93.859	Biomedical Research and Research Training	319,158	55,487
National Institutes of Health	Direct		1R35GM131799	93.859	Biomedical Research and Research Training	915,146	-
National Institutes of Health	Pass-Through	Case Western Reserve University	R5511850	93.859	Biomedical Research and Research Training	101,714	-
National Institutes of Health	Direct		1 R01 GM118087-01A1	93.859	Biomedical Research and Research Training	605,075	-
National Institutes of Health	Direct		1F31GM134570-01	93.859	Biomedical Research and Research Training	29,539	-
National Institutes of Health	Direct		2T32GM008320	93.859	Biomedical Research and Research Training	424,772	-
National Institutes of Health	Pass-Through	University of Virginia	GB10658	93.859	Biomedical Research and Research Training	72,773	-
National Institutes of Health	Direct		2R01GM070902-13A1	93.859	Biomedical Research and Research Training	472,554	-
National Institutes of Health	Direct		2T32GM007347-41	93.859	Biomedical Research and Research Training	1,338,779	-
National Institutes of Health	Direct		2T32GM007347-41-45	93.859	Biomedical Research and Research Training	62,651	-
National Institutes of Health	Direct		R35GM133743	93.859	Biomedical Research and Research Training	404,153	-
National Institutes of Health	Direct		2R01GM116616-05	93.859	Biomedical Research and Research Training	574,731	43,765
National Institutes of Health	Direct		1R35GM133602	93.859	Biomedical Research and Research Training	407,615	-
National Institutes of Health	Direct		1R35GM133552-01	93.859	Biomedical Research and Research Training	284,776	-
National Institutes of Health	Pass-Through	VUMC	R35GM124685	93.859	Biomedical Research and Research Training	19,149	-
National Institutes of Health	Direct		1R01GM131071-01A1	93.859	Biomedical Research and Research Training	272,113	68,478
National Institutes of Health	Pass-Through	Fisk University	2R32GM107754-06A1- UNIV6142	93.859	Biomedical Research and Research Training	52,612	-
National Institutes of Health	Pass-Through	University of Michigan	SUBK00010381	93.859	Biomedical Research and Research Training	12,773	-
National Institutes of Health	Pass-Through	VUMC	BA: 5T32GM007569	93.859	Biomedical Research and Research Training	908	-
National Institutes of Health	Direct		1F32GM136096-01	93.859	Biomedical Research and Research Training	55,639	-
National Institutes of Health	Direct		2R01GM067871-17	93.859	Biomedical Research and Research Training	353,052	-
National Institutes of Health	Direct		1F32GM136173-01	93.859	Biomedical Research and Research Training	62,718	-
National Institutes of Health	Direct		4R37GM067152-18	93.859	Biomedical Research and Research Training	407,829	-
National Institutes of Health	Direct		RO1GM114250	93.859	Biomedical Research and Research Training	29,242	29,242
National Institutes of Health	Direct		2R01GM076599-13	93.859	Biomedical Research and Research Training	272,436	-
National Institutes of Health	Direct		2R01GM118122-20	93.859	Biomedical Research and Research Training	289,755	-
National Institutes of Health	Direct		1R35GM136401-01	93.859	Biomedical Research and Research Training	568,679	-
National Institutes of Health	Direct		1R01GM134548-01A	93.859	Biomedical Research and Research Training	399,168	-
National Institutes of Health	Direct		1R01GM137595-01	93.859	Biomedical Research and Research Training	318,268	16,753
National Institutes of Health	Direct		1F31GM133134-01A1	93.859	Biomedical Research and Research Training	29,540	-
National Institutes of Health	Direct		1T34GM136451-01	93.859	Biomedical Research and Research Training	199,726	-
National Institutes of Health	Direct		1R35GM138007-01	93.859	Biomedical Research and Research Training	144,474	-
National Institutes of Health	Pass-Through	Brown University	BrownU - 00001400	93.859	Biomedical Research and Research Training	49,059	-
National Institutes of Health	Pass-Through	University of Virginia	1R01GM138493-01	93.859	Biomedical Research and Research Training	90,421	-
National Institutes of Health	Direct		1R01GM137458-01A1	93.859	Biomedical Research and Research Training	326,628	72,354
National Institutes of Health	Direct		1R25GM134979	93.859	Biomedical Research and Research Training	9,932	-
National Institutes of Health	Pass-Through	University of Colorado Boulder	Univ of Colorado - 1560008	93.859	Biomedical Research and Research Training	20,006	-
National Institutes of Health	Direct		1T32GM139800	93.859	Biomedical Research and Research Training	39,251	-
National Institutes of Health	Pass-Through	University of Pittsburgh - AWD000026	Univ of Pittsburgh - AWD000026	93.859	Biomedical Research and Research Training	3,902	-
National Institutes of Health	Direct		1F31GM142286-01	93.859	Biomedical Research and Research Training	6,529	-
National Institutes of Health	Pass-Through	Stanford University	1R01GM113195-05	93.859	Biomedical Research and Research Training	3,677	-
National Institutes of Health	Direct		2R35GM119569-06	93.859	Biomedical Research and Research Training	21,576	-
National Institutes of Health	Direct		2R01GM080403-06A1	93.859	Biomedical Research and Research Training	350,769	-
National Institutes of Health	Direct		R01GM092218 VR4-7	93.859	Biomedical Research and Research Training	(1,009)	-
National Institutes of Health	Direct		RO1GM118452-01	93.859	Biomedical Research and Research Training	203,504	-
National Institutes of Health	Direct		4R00GM104151-03	93.859	Biomedical Research and Research Training	311	-
National Institutes of Health	Direct		1R01GM117299-01	93.859	Biomedical Research and Research Training	(547)	-
National Institutes of Health	Direct		R35GM119525-01	93.859	Biomedical Research and Research Training	386,867	-
National Institutes of Health	Direct		4R01GM107978-04	93.859	Biomedical Research and Research Training	(8,130)	-
National Institutes of Health	Direct		1R01 GM117650-1/4	93.859	Biomedical Research and Research Training	16,750	-
National Institutes of Health	Direct		5R25GM062459-14-18	93.859	Biomedical Research and Research Training	497,389	-
National Institutes of Health	Direct		5T32GM0854-22	93.859	Biomedical Research and Research Training	364,599	-
National Institutes of Health	Direct		1 R35 GM118089-01	93.859	Biomedical Research and Research Training	518,017	-
National Institutes of Health	Direct		9 R01 GM118122-16	93.859	Biomedical Research and Research Training	(71,935)	-
National Institutes of Health	Direct		1 R35 GM119569-01	93.859	Biomedical Research and Research Training	293,617	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1 R01 GM115892-01	93.859	Biomedical Research and Research Training	868	-
National Institutes of Health	Direct		4 R37 GM51219-23	93.859	Biomedical Research and Research Training	202,495	-
National Institutes of Health	Direct		1 R35 GM119552-01	93.859	Biomedical Research and Research Training	329,157	-
National Institutes of Health	Direct		1R01GM117916-01	93.859	Biomedical Research and Research Training	(40,578)	-
National Institutes of Health	Direct		1 R01 GM120569-01	93.859	Biomedical Research and Research Training	32,211	-
National Institutes of Health	Direct		2 P41 GM103391-06	93.859	Biomedical Research and Research Training	977,676	-
National Institutes of Health	Direct		1 R01 GM117899-01	93.859	Biomedical Research and Research Training	56,372	-
National Institutes of Health	Direct		1 R01 GM118491-01	93.859	Biomedical Research and Research Training	185,030	-
National Institutes of Health	Direct		5132GM007347-38	93.859	Biomedical Research and Research Training	(23,334)	-
National Institutes of Health	Direct		5132GM008320	93.859	Biomedical Research and Research Training	7	-
National Institutes of Health	Direct		1R01GM123260-01	93.859	Biomedical Research and Research Training	436,464	-
National Institutes of Health	Direct		2132GM080178-11	93.859	Biomedical Research and Research Training	231,689	-
National Institutes of Health	Direct		2R01GM106720	93.859	Biomedical Research and Research Training	17	-
National Institutes of Health	Direct		1R35GM122516-01	93.859	Biomedical Research and Research Training	501,685	-
National Institutes of Health	Direct		1R35GM125028-01	93.859	Biomedical Research and Research Training	397,337	-
National Institutes of Health	Direct		1R35GM122491-01	93.859	Biomedical Research and Research Training	213,573	-
National Institutes of Health	Direct		7R01GM117191-03	93.859	Biomedical Research and Research Training	199,083	-
National Institutes of Health	Direct		1F31GM125344-01	93.859	Biomedical Research and Research Training	-	-
National Institutes of Health	Direct		1R01GM123292-01	93.859	Biomedical Research and Research Training	215,550	-
National Institutes of Health	Direct		1R01GM124404-01	93.859	Biomedical Research and Research Training	260,460	-
National Institutes of Health	Direct		1R01GM126363-01	93.859	Biomedical Research and Research Training	353,134	-
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	UNVJ	93.859	Biomedical Research and Research Training	57,574	-
National Institutes of Health	Direct		2R01GM107434	93.859	Biomedical Research and Research Training	321,145	-
National Institutes of Health	Pass-Through	VUMC	RO1GM120484 VMC62142	93.859	Biomedical Research and Research Training	15,499	-
National Institutes of Health	Direct		1R01GM118412	93.859	Biomedical Research and Research Training	262,131	30,014
						<u>23,269,962</u>	<u>759,086</u>
National Institutes of Health	Pass-Through	University of Colorado Boulder	1555885	93.865	Child Health and Human Development Extramural Research	25,027	-
National Institutes of Health	Direct		2132HD007502-21-25	93.865	Child Health and Human Development Extramural Research	240,449	-
National Institutes of Health	Pass-Through	VUMC	VUMC-59370. UNIV 58596	93.865	Child Health and Human Development Extramural Research	1,025	-
National Institutes of Health	Pass-Through	VUMC	VUMC 64235	93.865	Child Health and Human Development Extramural Research	(3)	-
National Institutes of Health	Direct		1F31HD095992	93.865	Child Health and Human Development Extramural Research	(946)	-
National Institutes of Health	Pass-Through	University of California Irvine	2018-3599	93.865	Child Health and Human Development Extramural Research	21,947	-
National Institutes of Health	Direct		1R37HD095519	93.865	Child Health and Human Development Extramural Research	428,064	7,786
National Institutes of Health	Direct		1 R01 HD097772-01A1	93.865	Child Health and Human Development Extramural Research	254,237	-
National Institutes of Health	Direct		1R21HD098454-01A1	93.865	Child Health and Human Development Extramural Research	258,821	39,170
National Institutes of Health	Direct		1F32HD100079-01A1	93.865	Child Health and Human Development Extramural Research	66,175	-
National Institutes of Health	Pass-Through	Synchro Motion LLC	2R44HD09667-02A1	93.865	Child Health and Human Development Extramural Research	107,804	-
National Institutes of Health	Pass-Through	Washington University in St. Louis	WU-20-207	93.865	Child Health and Human Development Extramural Research	45,645	-
National Institutes of Health	Direct		1R01HD098652-01A1	93.865	Child Health and Human Development Extramural Research	259,728	22,804
National Institutes of Health	Direct		1R21HD097757-01A1	93.865	Child Health and Human Development Extramural Research	124,204	5,022
National Institutes of Health	Pass-Through	University of Texas at San Antonio	1000031265	93.865	Child Health and Human Development Extramural Research	20,605	-
National Institutes of Health	Pass-Through	Wits Health Consortium	RO1HD103466	93.865	Child Health and Human Development Extramural Research	67,111	-
National Institutes of Health	Pass-Through	VUMC	VUMC 81697	93.865	Child Health and Human Development Extramural Research	7,537	-
National Institutes of Health	Pass-Through	VUMC	1 P50 HD103537-01	93.865	Child Health and Human Development Extramural Research	234,822	-
National Institutes of Health	Pass-Through	VUMC	HD09077	93.865	Child Health and Human Development Extramural Research	47,235	-
National Institutes of Health	Direct		1R01HD102752-01	93.865	Child Health and Human Development Extramural Research	214,587	51,138
National Institutes of Health	Direct		F31HD104385	93.865	Child Health and Human Development Extramural Research	15,251	-
National Institutes of Health	Pass-Through	VUMC	VUMC 86265	93.865	Child Health and Human Development Extramural Research	16,850	-
National Institutes of Health	Direct		1R03HD099445-01A1	93.865	Child Health and Human Development Extramural Research	1,501	-
National Institutes of Health	Direct		RHD064727B	93.865	Child Health and Human Development Extramural Research	295,894	92,725
National Institutes of Health	Direct		1R21HD086833-01	93.865	Child Health and Human Development Extramural Research	493	-
National Institutes of Health	Pass-Through	VUMC	1 R01 HD81121-01	93.865	Child Health and Human Development Extramural Research	(2,059)	-
National Institutes of Health	Direct		5 R01 HD044073-13	93.865	Child Health and Human Development Extramural Research	153,331	-
National Institutes of Health	Direct		1 R0 HD089474-01	93.865	Child Health and Human Development Extramural Research	155,063	12,574
National Institutes of Health	Pass-Through	University of California Los Angeles	UCLA-HD073975-05	93.865	Child Health and Human Development Extramural Research	(58,415)	-
National Institutes of Health	Direct		2 P20 HD079443-05	93.865	Child Health and Human Development Extramural Research	309,475	-
National Institutes of Health	Direct		1R01HD079461 1R01/05	93.865	Child Health and Human Development Extramural Research	66,276	-
National Institutes of Health	Direct		1R01HD087095-01A1	93.865	Child Health and Human Development Extramural Research	41,509	-
National Institutes of Health	Direct		1R01HD088959-01A1	93.865	Child Health and Human Development Extramural Research	254,540	9,579
National Institutes of Health	Direct		1R01HD091232-01A1	93.865	Child Health and Human Development Extramural Research	485,704	294,468
National Institutes of Health	Pass-Through	VUMC	HD083211 VUMC59370a	93.865	Child Health and Human Development Extramural Research	(152)	-
National Institutes of Health	Pass-Through	VUMC	UNVJ 11	93.865	Child Health and Human Development Extramural Research	25,136	-
National Institutes of Health	Pass-Through	VUMC	VUMC 64028	93.865	Child Health and Human Development Extramural Research	662	-
						<u>4,185,235</u>	<u>535,266</u>
National Institutes of Health	Pass-Through	University of Pittsburgh	0056283 (130061-1)	93.866	Aging Research	35,202	-
National Institutes of Health	Pass-Through	VUMC	VUMC 64075	93.866	Aging Research	2,650	-
National Institutes of Health	Direct		T32AG058524	93.866	Aging Research	279,223	-
National Institutes of Health	Direct		4R01AG052666	93.866	Aging Research	224,777	-
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GM0191209	93.866	Aging Research	349,699	-
National Institutes of Health	Direct		1F31AG061984	93.866	Aging Research	30,160	-
National Institutes of Health	Direct		F30AG054847	93.866	Aging Research	29,833	-
National Institutes of Health	Direct		1R01AG064950-01	93.866	Aging Research	964,005	184,844
National Institutes of Health	Direct		1F31AG066358	93.866	Aging Research	30,065	-
National Institutes of Health	Direct		1R01AG063771-01	93.866	Aging Research	578,424	-
National Institutes of Health	Pass-Through	VUMC	VUMC 64875	93.866	Aging Research	7,256	-

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	University of California Berkeley	1R01AG063389-01A1-00010220	93.866	Aging Research	29,475	-
National Institutes of Health	Direct		1R01AG062685-01A1	93.866	Aging Research	299,113	139,479
National Institutes of Health	Pass-Through	Cleveland Clinic	R01AG066707	93.866	Aging Research	83,831	-
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	2R24AG045061	93.866	Aging Research	6,504	-
National Institutes of Health	Direct		1F31AG009462-01	93.866	Aging Research	25,509	-
National Institutes of Health	Pass-Through	VUMC	5R01AG058639-02	93.866	Aging Research	52,195	-
National Institutes of Health	Pass-Through	Emory University	A375202	93.866	Aging Research	131,767	-
National Institutes of Health	Pass-Through	VUMC	VUMC86685	93.866	Aging Research	14,854	-
National Institutes of Health	Direct		1R1FAG068622	93.866	Aging Research	123,839	-
National Institutes of Health	Pass-Through	VUMC	VUMC 87997	93.866	Aging Research	33,957	-
National Institutes of Health	Direct		1R01AG069900	93.866	Aging Research	27,742	-
National Institutes of Health	Pass-Through	VUMC	VUMC 90498	93.866	Aging Research	22,151	-
National Institutes of Health	Direct		1R01AG043458-01A1	93.866	Aging Research	(4,540)	-
National Institutes of Health	Direct		1R21AG050483-01A1	93.866	Aging Research	659	-
National Institutes of Health	Direct		1R01AG051626-01	93.866	Aging Research	322,163	-
National Institutes of Health	Direct		1R01AG056147-01	93.866	Aging Research	977,575	366,104
National Institutes of Health	Pass-Through	VUMC	BA: JENNIFER KIM SBA	93.866	Aging Research	12,370	-
National Institutes of Health	Direct		1R01AG054622	93.866	Aging Research	325,909	149,293
						<u>5,015,639</u>	<u>839,720</u>
National Institutes of Health	Pass-Through	University of Rochester	4172556/JR FAO GR510740	93.867	Vision Research	38,526	-
National Institutes of Health	Pass-Through	State University of New York	580-1141963-79147	93.867	Vision Research	30,790	-
National Institutes of Health	Direct		2R01EV019882-09	93.867	Vision Research	337,521	95,941
National Institutes of Health	Direct		1F32EV028846-01A1	93.867	Vision Research	908	-
National Institutes of Health	Direct		1R01EV029278-01	93.867	Vision Research	299,576	-
National Institutes of Health	Pass-Through	VUMC	VUMC 67445	93.867	Vision Research	174,574	-
National Institutes of Health	Direct		2R01EV008890-27	93.867	Vision Research	268,308	-
National Institutes of Health	Pass-Through	VUMC	VUMC 68303	93.867	Vision Research	56,036	-
National Institutes of Health	Direct		2R01EV024258-05A1	93.867	Vision Research	246,700	111,500
National Institutes of Health	Pass-Through	VUMC	VUMC 58890	93.867	Vision Research	109,205	-
National Institutes of Health	Direct		2R01EV012018-22-26	93.867	Vision Research	478,426	-
National Institutes of Health	Direct		1R01EV030490-01	93.867	Vision Research	351,287	10,753
National Institutes of Health	Pass-Through	VUMC	2R01EV033597-07	93.867	Vision Research	9,980	-
National Institutes of Health	Direct		2R01EV002686-45	93.867	Vision Research	468,646	-
National Institutes of Health	Direct		2R01EV011500-23A1	93.867	Vision Research	723,604	-
National Institutes of Health	Direct		1F31EV031293-01A1	93.867	Vision Research	24,965	-
National Institutes of Health	Direct		1US4EV023442-01	93.867	Vision Research	602,428	46,391
National Institutes of Health	Direct		2R01EV021833-08A1	93.867	Vision Research	149,357	-
National Institutes of Health	Direct		1R01EV031769-01	93.867	Vision Research	100,471	-
National Institutes of Health	Direct		1F31EV032772	93.867	Vision Research	6,459	-
National Institutes of Health	Direct		1R01EV032670-01	93.867	Vision Research	3,656	-
National Institutes of Health	Direct		1R01EV024354 01/03	93.867	Vision Research	3	-
National Institutes of Health	Direct		2R01EV002686-37A1	93.867	Vision Research	(2,008)	-
National Institutes of Health	Direct		1R01EV025275-01	93.867	Vision Research	(13,674)	-
National Institutes of Health	Direct		REY008890F	93.867	Vision Research	3,442	-
National Institutes of Health	Pass-Through	VUMC	5 P30 EV0126-27	93.867	Vision Research	253,259	-
National Institutes of Health	Direct		5T32EV021453-07 THRU 10	93.867	Vision Research	141,722	-
National Institutes of Health	Direct		1EYR01EY013462-16A1	93.867	Vision Research	444,763	40,582
National Institutes of Health	Direct		5T32EV007135-23	93.867	Vision Research	10,128	-
National Institutes of Health	Direct		1R01EV027402-01	93.867	Vision Research	291,096	-
National Institutes of Health	Direct		RO1EV025422-03	93.867	Vision Research	53	-
National Institutes of Health	Direct		RO1EV027729	93.867	Vision Research	383,495	130,883
						<u>5,994,302</u>	<u>436,050</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	56,633	-
						<u>56,633</u>	<u>-</u>
National Institutes of Health	Pass-Through	University of Massachusetts Lowell	S51110000040449	93.879	Medical Library Assistance	23,946	-
National Institutes of Health	Direct		5T32LM0312412-02	93.879	Medical Library Assistance	221,076	-
National Institutes of Health	Direct		2T15LM007450	93.879	Medical Library Assistance	884,887	20,606
Health Resources and Services Administration	Pass-Through	Meharry Medical College	190618MK206	93.884	Grants for Primary Care Training and Enhancement	1,129,909	20,606
						<u>71,942</u>	<u>-</u>
						<u>71,942</u>	<u>-</u>
Centers for Disease Control	Pass-Through	University of Memphis	A21-0156-5001	93.943	Epidemiologic Research Studies of Acquired Immunodeficiency Syndrome (AIDS) and Human Immunodeficiency Virus (HIV) Infection in Selected Population Groups	2,217	-
						<u>2,217</u>	<u>-</u>
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	(27,243)	-
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	4,332	-
Substance Abuse and Mental Health Services Administration	Pass-Through	TN Department of Mental Health and Substance Abuse	808T010050-19	93.959	Block Grants for Prevention and Treatment of Substance Abuse	84,409	-
Health Resources and Services Administration	Pass-Through	VUMC	U1QHP33085-01-00	93.969	PPHF Geriatric Education Centers	21,498	-
						<u>38,926</u>	<u>-</u>
National Institutes of Health	Direct		R21TW011294	93.989	International Research and Research Training	38,926	-
						<u>109,055</u>	<u>75,160</u>
Total Department of Health and Human Services						<u>109,055</u>	<u>75,160</u>
US Department of Homeland Security	Pass-Through	University of North Carolina Chapel Hill	5117117	97.RD	Department of Homeland Security	132,809,512	15,365,818
Total US Department of Homeland Security						<u>129,707</u>	<u>-</u>
Total Research and Development Cluster						<u>129,707</u>	<u>-</u>
						<u>207,785,771</u>	<u>24,493,600</u>

The accompanying notes are an integral part of this schedule

Vanderbilt University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	Assistance Listing Number	Program Title	Federal Expenditures	Passed Through
Highway Planning and Construction Cluster							
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-07219	20.205	Highway Planning and Construction	20,896	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-11319-61300	20.205	Highway Planning and Construction	784,020	-
US Department of Transportation	Pass-Through	TN Department of Transportation	TDOT 40100-07219	20.205	Highway Planning and Construction	69,394	22,878
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-15916	20.205	Highway Planning and Construction	129,859	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-24320	20.205	Highway Planning and Construction	39,212	22,742
US Department of Transportation	Pass-Through	Tennessee State University	332.77-21.2000	20.205	Highway Planning and Construction	4,571	-
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-23600	20.205	Highway Planning and Construction	63,929	-
TN Department of Transportation	Direct		40100-07219	20.205	Highway Planning and Construction	4,208	-
Total Highway Planning and Construction Cluster						1,116,089	45,620
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	541,780	472,436
US Department of Education	Pass-Through	TN Department of Education	GR-10-27642-00	84.027	Special Education_Grants to States	753,555	42,701
Total Special Education Cluster (Idea) Cluster						1,295,335	515,137
COVID-19 Higher Education Emergency Relief Fund (HEERF)							
US Department of Education	Direct		ED_GRANTS-041020-002 CARES Act	84.425e	Education Stabilization Fund	10,120,361	-
US Department of Education	Direct			84.425F	Education Stabilization Fund	11,404,580	-
Total COVID-19 Higher Education Emergency Relief Fund (HEERF) Cluster						21,524,941	-
Head Start Cluster							
Administration for Children and Families	Pass-Through	ZERO TO THREE	90HC0012-05	93.600	Head Start	402,195	79,662
Administration for Children and Families	Pass-Through	ZERO TO THREE	2020100043	93.600	Head Start	172,603	-
Administration for Children and Families	Pass-Through	ZERO TO THREE	ZERO TO THREE	93.600	Head Start	(54,453)	(3,198)
National Institutes of Health	Direct		90YR0101-01-01	93.600	Head Start	(17,034)	-
Total Head Start Cluster						503,311	76,464
Student Financial Assistance Cluster							
US Department of Education	Pass-Through	TN Higher Education Commission	33201-10117 5303/DOE	84.367	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	(413)	-
US Department of Education	Direct		P379T212253	84.379	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	3,772	-
US Department of Education	Direct		P007A203941	84.007	Federal Supplemental Educational Opportunity Grants	3,772	-
US Department of Education	Direct		P033A203941_FWS	84.033	Federal Work-Study Program	1,815,110	-
US Department of Education	Direct		P063P202253	84.063	Federal Pell Grant Program	1,415,454	-
US Department of Education	Direct			84.038	Federal Perkins Loan Program	1,415,454	-
				84.038	Outstanding loans as of July 1, 2020	5,471,447	-
				84.038	New loans issued during 2021	5,471,447	-
				84.038	Administrative Cost Allowance	-	-
US Department of Education						8,878,715	-
US Department of Education						(413)	-
Total US Department of Education						107,595,788	-
US Department of Health and Human Services	Direct			93.264	Nurse Faculty Loan Program (NFLP)	107,595,788	-
				93.264	Outstanding loans as of July 1, 2020	125,179,873	-
				93.264	New loans issued during 2021	-	-
US Department of Health and Human Services						8,798,834	-
				93.364	Nursing Student Loans	-	-
				93.364	Outstanding loans as of July 1, 2020	2,114,239	-
				93.364	New loans issued during 2021	409,028	-
US Department of Health and Human Services						2,523,267	-
				93.408	ARRA - Nurse Faculty Loan Program (NFLP)	-	-
				93.408	Outstanding loans as of July 1, 2020	240,916	-
				93.408	New loans issued during 2021	-	-
Total US Department of Health and Human Services						240,916	-
Health Resources and Services Administration	Direct		1 T08HP39332-01-00	93.925	Scholarships for Health Professions Students from Disadvantaged Backgrounds	11,563,017	-
Total Health Resources and Services Administration						600,001	-
Total Student Financial Assistance Cluster						137,342,891	-
Other Programs							
US Agency for International Development	Direct		7200AA19C00022	98.U01	Agency for International Development	2,194,305	107,100
US Agency for International Development	Pass-Through	EnCompass LLC	S-19-1019-LAPOP-01_72053719C00	98.U02	Agency for International Development	44,948	-
US Agency for International Development	Pass-Through	Global Communities	AID-524-A-10-00006_042-2020	98.U03	Agency for International Development	24,163	-
US Agency for International Development						2,263,416	107,100
				98.001	USAID Foreign Assistance for Programs Overseas	82,332	13,493
Total US Agency for International Development						82,332	13,493
						2,345,748	120,593
US Department of Treasury	Pass-Through	TN Higher Education Commission	COVID-19 33201-02121.16	21.019	Coronavirus Relief Fund	205,525	-
Total US Department of Treasury						205,525	-
Total Other Programs						2,551,273	130,593
Total Federal Expenditures						\$ 372,119,611	\$ 25,251,414

The accompanying notes are an integral part of this schedule

Vanderbilt University

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") includes the federal expenditures of The Vanderbilt University ("Vanderbilt") under programs of the federal government for the year ended June 30, 2021. 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, 2021 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. Assistance Listing numbers and pass-through numbers are provided when available. The Vanderbilt University reallocated certain funds under the institutional portion of the COVID-19 Higher Education Emergency Relief Fund ("HEERF"). As a result of the reallocation \$718,940 of expenditures were incurred during the year ended June 30, 2020 and are included in the current year Schedule.

Vanderbilt University
Notes to Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

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, 2021 are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2021 consists of:

Program	Assistance Listing Number	2021
Perkins	84.038	\$ 7,586,655
NFLP	93.264	8,321,077
NFLP ARRA	93.408	629,442
NSL	93.364	<u>2,125,933</u>
		<u>\$ 18,663,107</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, 2021.



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 The 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 The Vanderbilt University and its subsidiaries, which comprise the consolidated statements of financial position as of June 30, 2021, 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 September 30, 2021.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered The 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 The Vanderbilt University's internal control. Accordingly, we do not express an opinion on the effectiveness of The 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 The 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

September 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 The Vanderbilt University

Report on Compliance for Each Major Federal Program

We have audited The 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 The Vanderbilt University's major federal programs for the year ended June 30, 2021. The 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 The 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 The 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 The Vanderbilt University's compliance.

Opinion on Each Major Federal Program

In our opinion, The 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, 2021.



Report on Internal Control Over Compliance

Management of The 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 The 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 The 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

Nashville, Tennessee
February 12, 2022

Vanderbilt University

Schedule of Findings and Questioned Costs

Year Ended June 30, 2021

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

Assistance Listing Number(s)

Name of Federal Program or Cluster

Various

Research and Development Cluster

84.425e

COVID-19 Higher Education Emergency Relief Fund (HEERF) student

84.425f

COVID-19 Higher Education Emergency Relief Fund (HEERF) institutional

20.205

Highway Planning and Construction Cluster

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

\$ 3,000,000

Auditee qualified as low-risk auditee?

 X yes _____ no

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, 2021

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