

**VANDERBILT UNIVERSITY**

Reports on the Audit of

Federal Financial Assistance Programs

in Accordance with the OMB Uniform Guidance

for the Year Ended June 30, 2018

EIN: 62-0476822

# VANDERBILT UNIVERSITY

## Table of Contents

---

	<b>Page</b>
Financial Statements:	
Report of Independent Auditors	1
Consolidated Financial Statements	3
Additional Information:	
Schedule of Expenditures of Federal Awards	25
Notes to Schedule of Expenditures of Federal Awards	58
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>	60
Report of Independent Auditors on Compliance with Requirements that Could Have a Direct and Material Effect on Each Major Federal Program and on Internal Control over Compliance in Accordance with the OMB Uniform Guidance	62
Schedule of Findings and Questioned Costs	64
Summary of Status of Prior Audit Findings	65



## **Report of Independent Auditors**

To the Board of Trust of  
Vanderbilt University

### **Report on the Consolidated Financial Statements**

We have audited the accompanying consolidated financial statements of Vanderbilt University and its subsidiaries (“the University”), which comprise the consolidated statements of financial position as of June 30, 2018 and 2017, and the related consolidated statements of activities and of cash flows for the years then ended, and the related notes to the financial statements.

### ***Management’s Responsibility for the Consolidated Financial Statements***

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

### ***Auditors’ Responsibility***

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

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

### ***Opinion***

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Vanderbilt University as of June 30, 2018 and 2017, and the changes in its net assets and its 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, 2018 is 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 is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the 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 is fairly stated, in all material respects, in relation to the consolidated financial statements as a whole.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated October 11, 2018 on our consideration of Vanderbilt University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended June 30, 2018. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Vanderbilt University's internal control over financial reporting and compliance.

*PricewaterhouseCoopers LLP*

October 11, 2018, except for Note 22, as to which the date is December 21, 2018

# Vanderbilt University

## Consolidated Statements of Financial Position

As of June 30, 2018 and 2017 (in thousands)

	<u>2018</u>	<u>2017</u>
<b>ASSETS</b>		
Cash and cash equivalents	\$ 602,652	\$ 935,446
Accounts receivable, net	159,903	146,931
Prepaid expenses and other assets	24,584	19,386
Contributions receivable, net	89,647	69,701
Promissory notes receivable	89,583	94,166
Student loans and other notes receivable, net	26,965	31,645
Investments	5,049,681	4,434,026
Investments allocable to noncontrolling interests	49,417	61,605
Property, plant, and equipment, net	1,093,621	1,019,893
Interests in trusts held by others	30,753	28,577
<b>Total assets</b>	<b>\$ 7,216,806</b>	<b>\$ 6,841,376</b>
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	\$ 95,384	\$ 84,201
Accrued compensation and withholdings	82,707	84,955
Deferred revenue	51,460	48,410
Actuarial liabilities	35,603	37,021
Government advances for student loans	25,601	24,411
Commercial paper	114,602	114,180
Long-term debt	251,222	260,030
Fair value of securities sold short	240,447	353,025
Fair value of interest rate exchange agreements	28,089	54,784
<b>Total liabilities</b>	<b>925,115</b>	<b>1,061,017</b>
<b>NET ASSETS</b>		
Unrestricted net assets controlled by Vanderbilt	3,261,624	3,008,116
Unrestricted net assets related to noncontrolling interests	49,417	61,605
Total unrestricted net assets	3,311,041	3,069,721
Temporarily restricted net assets	1,584,261	1,385,442
Permanently restricted net assets	1,396,389	1,325,196
<b>Total net assets</b>	<b>6,291,691</b>	<b>5,780,359</b>
<b>Total liabilities and net assets</b>	<b>\$ 7,216,806</b>	<b>\$ 6,841,376</b>

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

# Vanderbilt University

## Consolidated Statement of Activities

Year Ended June 30, 2018 (in thousands)

	2018			
	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>REVENUES</b>				
Tuition and educational fees	\$ 538,470	\$ -	\$ -	\$ 538,470
Less student financial aid	(239,628)	-	-	(239,628)
Tuition and educational fees, net	298,842	-	-	298,842
Grants and contracts:				
Government sponsors	151,580	-	-	151,580
Private sponsors	22,298	-	-	22,298
Facilities and administrative costs recovery	56,868	-	-	56,868
Total grants and contracts	230,746	-	-	230,746
Contributions	22,486	5,886	55,226	83,598
Endowment distributions	98,857	107,376	609	206,842
Investment income	25,672	1,093	9,341	36,106
Room, board, and other auxiliary services, net	110,522	-	-	110,522
Trademark, license, and royalty revenue	125,427	-	-	125,427
Affiliated entity revenue	174,633	-	-	174,633
Other sources	99,552	-	-	99,552
Net assets released from restrictions	110,324	(110,324)	-	-
<b>Total revenues and other support</b>	<b>1,297,061</b>	<b>4,031</b>	<b>65,176</b>	<b>1,366,268</b>
<b>EXPENSES</b>				
Salaries, wages, and benefits	664,794	-	-	664,794
Supplies, services, and other	416,029	-	-	416,029
Interest expense	11,223	-	-	11,223
Depreciation	86,753	-	-	86,753
Grants to affiliate	24,526	-	-	24,526
<b>Total expenses</b>	<b>1,203,325</b>	<b>-</b>	<b>-</b>	<b>1,203,325</b>
<b>Change in unrestricted net assets from operating activities</b>	<b>93,736</b>			
<b>OTHER CHANGES IN NET ASSETS</b>				
Appreciation of endowment, net of distributions	104,830	194,815	-	299,645
Appreciation of other investments, net of distributions	29,736	-	-	29,736
Appreciation of interest rate exchange agreements, net	9,377	-	-	9,377
Contributions for capital improvements	195	21,624	-	21,819
Net assets released from restrictions for capital improvements	19,711	(19,711)	-	-
Nonoperating net asset reclassifications	(4,077)	(1,940)	6,017	-
<b>Total other changes in net assets</b>	<b>159,772</b>	<b>194,788</b>	<b>6,017</b>	<b>360,577</b>
<b>Increase in net assets controlled by Vanderbilt</b>	<b>253,508</b>	<b>198,819</b>	<b>71,193</b>	<b>523,520</b>
<b>Decrease in net assets related to noncontrolling interests</b>	<b>(12,188)</b>	<b>-</b>	<b>-</b>	<b>(12,188)</b>
<b>Total increase in net assets</b>	<b>\$ 241,320</b>	<b>\$ 198,819</b>	<b>\$ 71,193</b>	<b>\$ 511,332</b>
<b>Net assets, June 30, 2017</b>	<b>\$ 3,069,721</b>	<b>\$ 1,385,442</b>	<b>\$ 1,325,196</b>	<b>\$ 5,780,359</b>
<b>Net assets, June 30, 2018</b>	<b>\$ 3,311,041</b>	<b>\$ 1,584,261</b>	<b>\$ 1,396,389</b>	<b>\$ 6,291,691</b>

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

# Vanderbilt University

## Consolidated Statement of Activities

Year Ended June 30, 2017 (in thousands)

	2017			
	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>REVENUES</b>				
Tuition and educational fees	\$ 513,103	\$ -	\$ -	\$ 513,103
Less student financial aid	(231,424)	-	-	(231,424)
Tuition and educational fees, net	281,679	-	-	281,679
Grants and contracts:				
Government sponsors	155,446	-	-	155,446
Private sponsors	24,345	-	-	24,345
Facilities and administrative costs recovery	57,489	-	-	57,489
Total grants and contracts	237,280	-	-	237,280
Contributions	26,719	5,898	32,664	65,281
Endowment distributions	96,060	106,365	772	203,197
Investment income	21,727	3,124	4,315	29,166
Room, board, and other auxiliary services, net	110,154	-	-	110,154
Trademark, license, and royalty revenue	113,165	-	-	113,165
Affiliated entity revenue	173,945	-	-	173,945
Other sources	97,643	-	-	97,643
Net assets released from restrictions	115,792	(115,792)	-	-
<b>Total revenues and other support</b>	<b>1,274,164</b>	<b>(405)</b>	<b>37,751</b>	<b>1,311,510</b>
<b>EXPENSES</b>				
Salaries, wages, and benefits	645,805	-	-	645,805
Supplies, services, and other	440,022	-	-	440,022
Interest expense	14,618	-	-	14,618
Depreciation	81,331	-	-	81,331
Grants to affiliate	22,396	-	-	22,396
<b>Total expenses</b>	<b>1,204,172</b>	<b>-</b>	<b>-</b>	<b>1,204,172</b>
<b>Change in unrestricted net assets from operating activities</b>	<b>69,992</b>			
<b>OTHER CHANGES IN NET ASSETS</b>				
Appreciation of endowment, net of distributions	52,950	159,235	-	212,185
Appreciation of other investments, net of distributions	23,539	-	-	23,539
Appreciation of interest rate exchange agreements, net	32,287	-	-	32,287
Contributions for capital improvements	312	26,461	-	26,773
Net assets released from restrictions for capital improvements	23,706	(23,706)	-	-
Nonoperating net asset reclassifications	(3,601)	(277)	3,878	-
Debt defeasance costs	(6,059)	-	-	(6,059)
<b>Total other changes in net assets</b>	<b>123,134</b>	<b>161,713</b>	<b>3,878</b>	<b>288,725</b>
<b>Increase in net assets controlled by Vanderbilt</b>	<b>193,126</b>	<b>161,308</b>	<b>41,629</b>	<b>396,063</b>
<b>Decrease in net assets related to noncontrolling interests</b>	<b>(21,451)</b>	<b>-</b>	<b>-</b>	<b>(21,451)</b>
<b>Total increase in net assets</b>	<b>\$ 171,675</b>	<b>\$ 161,308</b>	<b>\$ 41,629</b>	<b>\$ 374,612</b>
<b>Net assets, June 30, 2016</b>	<b>\$ 2,898,046</b>	<b>\$ 1,224,134</b>	<b>\$ 1,283,567</b>	<b>\$ 5,405,747</b>
<b>Net assets, June 30, 2017</b>	<b>\$ 3,069,721</b>	<b>\$ 1,385,442</b>	<b>\$ 1,325,196</b>	<b>\$ 5,780,359</b>

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

# Vanderbilt University

## Consolidated Statements of Cash Flows

Years Ended June 30, 2018 and 2017 (in thousands)

	2018	2017
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
<b>Change in total net assets</b>	<b>\$ 511,332</b>	<b>\$ 374,612</b>
<b>Adjustments to reconcile change in total net assets to net cash used in operating activities:</b>		
Change in net assets related to noncontrolling interests	12,188	21,451
Realized and unrealized loss (gain) on investments, net	(595,550)	(480,431)
Contributions for capital improvements and endowment	(55,391)	(72,229)
Contributions of donated securities	(16,717)	(9,501)
Proceeds from sale of donated securities	1,309	1,373
Depreciation	86,753	81,331
Amortization of bond discounts and premiums	(556)	(925)
Payments to terminate interest rate exchange agreements	17,318	28,098
Loss from disposals of property, plant, and equipment	660	2,155
Net change in fair value of interest rate exchange agreements	(26,695)	(60,385)
Change in:		
Accounts receivable, net of accrued investment income	(13,055)	(17,884)
Prepaid expenses and other assets	(5,198)	1,428
Contributions receivable, net	(19,946)	20,568
Interests in trusts held by others	5,970	-
Accounts payable and accrued liabilities, net of nonoperating items	6,598	1,416
Accrued compensation and withholdings	(2,248)	4,911
Deferred revenue	3,050	208
Actuarial liabilities	(1,418)	(2,795)
<b>Net cash used in operating activities</b>	<b>(91,596)</b>	<b>(106,599)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Purchases of investments	(7,939,736)	(8,301,403)
Proceeds from sales of investments	7,798,906	8,410,632
Purchases of investments allocable to noncontrolling interests	(660)	(820)
Proceeds from sales of investments allocable to noncontrolling interests	18,160	25,984
Change in accrued investment income	83	1,212
Payments to terminate interest rate exchange agreements	(17,318)	(28,098)
Acquisitions of property, plant, and equipment	(156,555)	(159,179)
Principal collected on promissory notes receivable	4,583	5,000
Student loans and other notes receivable disbursed	(2,019)	(3,801)
Principal collected on student loans and other notes receivable	6,699	6,485
<b>Net cash used in investing activities</b>	<b>(287,857)</b>	<b>(43,988)</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Contributions for capital improvements and endowment	55,391	72,229
Change in government advances for student loans	1,190	989
Payments to retire or defease debt	(7,830)	(101,140)
Proceeds from issuance of debt	-	168,990
Repayment on line of credit	-	(1,000)
Proceeds from sale of donated securities restricted for capital improvements and endowment	15,408	8,128
Proceeds from noncontrolling interests in investment partnerships	660	820
Payments to noncontrolling interests in investment partnerships	(18,160)	(25,984)
<b>Net cash provided by financing activities</b>	<b>46,659</b>	<b>123,032</b>
<b>Net decrease in cash and cash equivalents</b>	<b>(332,794)</b>	<b>(27,555)</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>935,446</b>	<b>963,001</b>
<b>Cash and cash equivalents at end of year</b>	<b>\$ 602,652</b>	<b>\$ 935,446</b>
Supplemental disclosure of cash flow information:		
Cash paid for interest	\$ 14,185	\$ 15,164
Donated securities	16,717	9,501
Accrued liabilities related to additions of property, plant, and equipment	13,257	8,672

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

# Vanderbilt University

## Notes to the Consolidated Financial Statements

### 1. ORGANIZATION

---

The Vanderbilt University (“Vanderbilt” or the “university”) is a private, coeducational, not-for-profit, nonsectarian institution located in Nashville, Tennessee. Founded in 1873, Vanderbilt owns and operates educational and research facilities as part of its mission to be a leading center for informed and creative teaching, scholarly research, and public service. Vanderbilt provides educational services to approximately 6,900 undergraduate and 5,700 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.

On April 29, 2016, Vanderbilt transferred clinical services operations, post-graduate training programs, and clinical department research activities, along with the related assets and liabilities, to Vanderbilt University Medical Center (“VUMC”), a newly incorporated Tennessee not-for-profit corporation, in exchange for consideration of \$1,230.0 million (the “Transaction”). The university retained the medical educational and academic activities and remains the degree-granting institution for the university’s School of Medicine, School of Nursing, and clinical master’s programs. The university retains control of all faculty appointments, graduate school Ph.D. programs in the biomedical sciences, and research in basic science departments and related centers. As a separate legal entity, VUMC is not under common governance with or controlled by the university. Vanderbilt is not financially responsible for VUMC indebtedness.

### 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 three categories: unrestricted, temporarily restricted, and permanently restricted net assets.

*Unrestricted net assets* are free of donor-imposed restrictions. This classification includes all revenues, gains, and losses not temporarily or permanently restricted by donors. Vanderbilt reports all expenditures in the unrestricted class of net assets, since the use of restricted contributions in accordance with donors’ stipulations results in the release of the restriction.

*Temporarily restricted net assets* contain donor-imposed stipulations that expire with the passage of time or upon satisfaction by action of Vanderbilt. These net assets may include unconditional pledges, split-interest agreements, interests in trusts held by others, and accumulated appreciation on donor-restricted endowments not yet appropriated by the Board of Trust for distribution.

*Permanently restricted net assets* are amounts held in perpetuity as requested by donors. These net assets may include unconditional pledges, donor-restricted endowments (at historical value), split-interest agreements, and interests in trusts held by others. Generally, the donors of these assets permit Vanderbilt to use a portion of the income earned on related investments for specific purposes.

Vanderbilt reports expirations of temporary restrictions on net assets, (i.e., the passage of time and/or fulfilling donor-imposed stipulations), as net assets released from restrictions between the applicable classes of net assets 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.

#### 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.

#### Promissory Note Receivable

In conjunction with the Transaction, VUMC issued to Vanderbilt a \$100 million promissory note (seller financing) paid over a 20-year period, \$5 million annually at 3.25% interest.

#### 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 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.

## 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.

## Property, Plant, and Equipment

Purchased property, plant, and equipment, recorded at cost, includes, where appropriate, capitalized interest on construction financing.

Vanderbilt capitalizes donated assets at fair value on the date of donation, expenses repairs and maintenance costs as incurred, and expenses additions to the library collection at the time of purchase.

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

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

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

## Debt Portfolio Financial Instruments

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

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

## Revenue Recognition

Vanderbilt's revenue recognition policies are:

**Tuition and educational fees, net**—Vanderbilt recognizes student tuition and educational fees as revenues in the year the related academic services occur and defers amounts received in advance of services rendered. Vanderbilt reflects financial aid provided for tuition and educational fees as a reduction of the respective revenues. Financial aid does not include payments made to students for services provided to Vanderbilt or financial aid applied to undergraduate room and board.

**Grants and contracts**—Vanderbilt recognizes revenues from grants and contracts when the university incurs allowable expenditures in accordance with such agreements.

**Facilities and administrative (F&A) costs recovery**—Vanderbilt recognizes F&A costs recovery as revenue. This activity represents reimbursement, primarily from the federal government, of F&A costs on sponsored activities. Vanderbilt's federal F&A cost recovery rate for on-campus research was 57.0% in both fiscal

2018 and 2017. Vanderbilt's federal F&A off-campus research adjacent and remote cost recovery rates were 28.5% and 26.0%, respectively, in both fiscal 2018 and 2017.

**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 trademark, license, and royalty revenues in accordance with the terms of the underlying agreements.

**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 are provided 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 in accordance with the terms of the underlying agreements.

## 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 temporarily restricted or permanently restricted net assets 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 unrestricted 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 temporarily restricted or permanently restricted net assets, depending on the nature of the restriction.

After meeting donor stipulations, Vanderbilt releases contributions from restrictions and recognizes these contributions as unrestricted net assets. Vanderbilt releases from restrictions contributions for capital improvements and recognizes these contributions as nonoperating items only after incurring expenses for the applicable capital improvement or when the related asset is placed in service based on donor intent.

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

## Measure of Operations

The university's measure of operations, the change in unrestricted net assets from operating activity, as presented in the consolidated statement of activities includes revenue from tuition and fees (net of financial aid), grants and contracts, trademark revenue, revenue from affiliates, contributions for operating programs, endowment distributions in support of operations, and other revenues. Vanderbilt reports operating expenses on the consolidated statement of activities by natural classification.

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

## Income Taxes

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

## 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.

## Reclassifications

Vanderbilt's financial statements reflect a reclassification between unrestricted and temporarily restricted appreciation of endowment, net of distributions in fiscal 2017. To align with current year presentation, Vanderbilt also reclassified \$52 million of fiscal 2017 Athletics ticket, tournament, and television revenue from room, board, and auxiliary to other revenue.

## Recent Accounting Pronouncements

In May 2014, the FASB issued ASU 2014-09, Revenue from Contracts with Customers. ASU 2014-09, along with subsequent amendments, supersedes most existing revenue recognition guidance and outlines a single comprehensive standard for revenue recognition across all industries. In addition, ASU 2014-09 requires expanded quantitative and qualitative disclosures, including disclosure about the nature, amount, timing, and uncertainty of revenue. ASU 2014-09 will become effective for annual reporting periods beginning after December 15, 2017. Vanderbilt will adopt the provisions of ASU 2014-09 in fiscal 2019 and expects the primary impact upon adoption to be in the form of additional financial statement disclosures.

In January 2016, the FASB issued ASU 2016-01, Financial Instruments – Overall: Recognition and Measurement of Financial Assets and Financial Liabilities. ASU 2016-01 affects all entities that hold financial assets or owe financial liabilities and primarily affects the accounting for equity investments, financial liabilities under the fair value option, and the presentation and disclosure requirements for financial instruments. The standard is effective for entities that are not considered public business entities for annual periods beginning after December 15, 2018. Vanderbilt early adopted the provisions of

ASU 2016-01 eliminating the fair value disclosures for financial instruments not recognized at fair value for fiscal 2016. Vanderbilt plans to adopt the remaining provisions of ASU 2016-01 by fiscal 2020.

In February 2016, the FASB issued ASU 2016-02, Leases. ASU 2016-02 requires recognition of rights and obligations arising from lease contracts, including existing and new arrangements, as assets and liabilities on the balance sheet. ASU 2016-02 is effective for annual reporting periods beginning after December 15, 2018. Vanderbilt's adoption of the new standard in fiscal 2020 will require extensive quantitative and qualitative financial statement disclosures regarding the university's lease arrangements and balance sheet presentation of right of use assets and lease liabilities representative of the university's discounted future lease payments. Vanderbilt continues to assess the impact of adoption with respect to the university's policies and procedures.

In August 2016, the FASB issued ASU 2016-14, Presentation of Financial Statements for Not-for-Profit Entities, which revises the not-for-profit reporting model. ASU 2016-14 provides for additional disclosure requirements and modifies net asset reporting. The new standard requires enhanced disclosures regarding the nature and amount of net asset restrictions (both donor-imposed and board-designated) and requires the university to reclassify its net assets previously reported as unrestricted, temporarily restricted, and permanently restricted into two categories: net assets without donor imposed restrictions and net assets with donor imposed restrictions. Among other requirements, ASU 2016-14 also requires disclosure of quantitative information regarding the availability of an entity's financial assets and qualitative information regarding its liquidity management strategy. ASU 2016-14 is effective for fiscal years beginning after December 15, 2017. Vanderbilt's adoption of the new standard in fiscal 2019 will require financial statement reclassification of net assets by restriction category and expanded disclosures including, but not limited to, liquidity and expense information by functional and natural classification.

In January 2017, the FASB issued ASU 2017-02, Clarifying When a Not-for-Profit Entity that Is a General Partner or a Limited Partner Should Consolidate a For-Profit Limited Partnership or Similar Entity, which amends the consolidation guidance for not-for-profit entities in ASC 958-810. This ASU clarifies the model used by not-for-profit entities to evaluate investments in limited partnerships. This ASU retains the presumption (previously eliminated by ASU 2015-02) that a not-for-profit entity that is a general partner of a for-profit limited partnership or similar entity controls the limited partnership, unless that presumption can be overcome. Not-for-profit investors in a limited partnership or a similar entity will continue to apply a presumption that the general partner has control and should consolidate the investments unless substantive kick-out or participating rights held by any limited partners overcome that presumption. Vanderbilt will adopt ASU 2017-02 in fiscal 2019. Vanderbilt does not expect ASU 2017-02 to affect the consolidated financial statements and related disclosures.

In August 2018, the FASB issued ASU 2018-08, Clarifying the Scope and the Accounting Guidance for Contributions Received and Contributions Made. ASU 2018-08 will result in treatment of most federal grants as donor-restricted conditional contributions rather than exchange transactions and applies to all entities that make or receive contributions. The new standard also clarifies the criteria for evaluating whether contributions are unconditional or conditional. Vanderbilt does not expect the timing of grant or gift revenue recognition to change significantly as a result of this ASU. Vanderbilt will implement ASU 2018-08 simultaneous with adoption of ASU 2014-09 in fiscal 2019.

In August 2018, the FASB issued ASU 2018-13, Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement. ASU 2018-13 modifies and eliminates certain existing provisions and introduces new fair value measurement disclosure requirements. ASU 2018-13 is effective for fiscal periods beginning after December 15, 2019 with early adoption permitted. Vanderbilt is currently evaluating the effect of adoption to the financial statements.

### 3. ACCOUNTS RECEIVABLE

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

	<b>2018</b>	<b>2017</b>
Receivable on secondary sale	\$ 71,473	\$ 71,473
Research and sponsored programs	46,069	34,925
VUMC related agreements	24,479	27,978
Tuition and fees	8,134	5,166
Accrued investment income	1,189	1,272
Other	9,921	7,854
<b>Accounts receivable</b>	<b>161,265</b>	<b>148,668</b>
Less: Allowance for uncollectible amounts	(1,362)	(1,737)
<b>Accounts receivable, net</b>	<b>\$ 159,903</b>	<b>\$ 146,931</b>

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, 2018, includes \$71.5 million related to secondary sales of investments in general

partnerships, \$46.1 million related to research and sponsored programs, and \$24.5 million related to agreements with VUMC. These receivables account for 89% of total net receivables at June 30, 2018.

## 4. CONTRIBUTIONS RECEIVABLE

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

	2018	2017
Unconditional promises expected to be collected:		
in one year or less	\$ 37,397	\$ 32,331
between one year and five years	60,525	44,308
in more than five years	8,758	4,300
<b>Contributions receivable</b>	<b>106,680</b>	<b>80,939</b>
Less: Discount	(6,347)	(2,626)
Less: Allowance for uncollectible promises	(10,686)	(8,612)
<b>Contributions receivable, net</b>	<b>\$ 89,647</b>	<b>\$ 69,701</b>

Vanderbilt discounts contributions receivable at a rate commensurate with the scheduled timing of receipt. Vanderbilt applied discount rates ranging from 1.0% to 3.0% to amounts outstanding as of June 30, 2018 and 2017, respectively. 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.

In addition to pledges reported as contributions receivable, Vanderbilt had cumulative bequest intentions and conditional promises to give of approximately \$342.6 million and \$301.2 million as of June 30, 2018 and 2017, respectively. Due to their conditional nature, Vanderbilt does not recognize these intentions to give as assets.

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

	2018	2017
Temporarily restricted	\$ 33,480	\$ 27,360
Permanently restricted	56,167	42,341
<b>Contributions receivable, net</b>	<b>\$ 89,647</b>	<b>\$ 69,701</b>

## 5. STUDENT LOANS AND OTHER NOTES RECEIVABLE

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

	2018			2017		
	Receivable	Allowance	Net	Receivable	Allowance	Net
Student loans:						
Federal	\$ 22,228	\$ (2,045)	\$ 20,183	\$ 24,465	\$ (2,140)	\$ 22,325
Institutional	6,098	(830)	5,268	8,264	(1,278)	6,986
<b>Total student loans</b>	<b>28,326</b>	<b>(2,875)</b>	<b>25,451</b>	<b>32,729</b>	<b>(3,418)</b>	<b>29,311</b>
Faculty mortgages	1,514	-	1,514	2,334	-	2,334
<b>Student loans, other notes receivable, and related allowances</b>	<b>\$ 29,840</b>	<b>\$ (2,875)</b>	<b>\$ 26,965</b>	<b>\$ 35,063</b>	<b>\$ (3,418)</b>	<b>\$ 31,645</b>

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 finan-

cial position. Outstanding loans cancelled under a governmental program result in a reduction of the funds available for loan and a decrease in the university'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.

## 6. INVESTMENTS

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

	2018	2017
Short-term securities <sup>1</sup>	\$ 12,088	\$ 137
Global equities <sup>1</sup>	1,349,140	1,128,688
Fixed income <sup>5</sup>	538,364	348,966
Hedged strategies <sup>6</sup>	1,109,053	1,260,019
Private capital <sup>3</sup>	1,443,106	1,151,000
Real estate <sup>3</sup>	156,132	168,377
Natural resources <sup>3</sup>	298,267	261,431
Commodities <sup>2</sup>	151,771	133,644
Trusts <sup>4</sup>	34,577	37,216
Other investments <sup>4</sup>	6,600	6,153
<b>Total value <sup>7</sup></b>	<b>\$ 5,099,098</b>	<b>\$ 4,495,631</b>
<b>Total cost</b>	<b>\$ 3,846,298</b>	<b>\$ 3,400,587</b>

<sup>1</sup> 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.

<sup>2</sup> Quoted prices in active markets determine fair value.

<sup>3</sup> Fund managers provide the net asset value of Vanderbilt's ownership interests at the fund level to establish fair value.

<sup>4</sup> Carrying value provides a reasonable estimate of fair value for certain components.

<sup>5</sup> 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.

<sup>6</sup> 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 \$227 million and \$435 million of cash and cash equivalents classified as investments in fiscal 2018 and 2017, respectively.

<sup>7</sup> Net of securities sold short of \$240 million and \$353 million, total value of investments is \$4,859 million and \$4,143 million in fiscal 2018 and 2017, 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, 2018, were as follows:

<b>Fair value as of June 30, 2017</b>	<b>\$ 61,605</b>
Distributions to minority limited partners	(18,160)
Capital commitments funded by minority limited partners	660
Appreciation allocable to minority limited partners	5,312
<b>Fair value as of June 30, 2018</b>	<b>\$ 49,417</b>

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

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

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

**Hedged strategies** investments reflect multiple strategies such as event driven, relative value, and equity funds to diversify risks and reduce volatility in the portfolio generally in hedge fund structures. These strategies also include investments in both long and short primarily credit-oriented securities. Investments may include mortgage-backed securities, trade finance, debt and asset-backed

securities, repurchase agreements, senior loans, bank loans, and cash designated for investment. The fair value of open short positions is recorded as a liability and the university 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, the university bears the market risk of increases in the value of the security sold short in excess of the proceeds received. Possible losses from short sales differ from losses that could be incurred from purchases of securities because losses from short sales may be unlimited whereas losses from purchases cannot exceed the total amount invested.

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

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

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

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

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

## 7. INVESTMENT RETURN

A summary of investment return, including endowment distributions, by net asset category for the fiscal years ended June 30 follows (in thousands):

	2018	2017
<b>OPERATING</b>		
<i>Unrestricted:</i>		
Endowment distributions	\$ 98,857	\$ 96,060
Investment income	25,672	21,727
<b>Total operating return</b>	<b>124,529</b>	<b>117,787</b>
<b>NONOPERATING</b>		
<i>Unrestricted:</i>		
Appreciation of institutional endowments, net of distributions	104,830	52,950
Appreciation of other investments	29,736	23,539
<i>Temporarily restricted:</i>		
Endowment distributions	107,376	106,365
Investment income	1,093	3,124
Appreciation of donor-restricted endowments, net of distributions	194,815	159,235
<i>Permanently restricted:</i>		
Endowment distributions	609	772
Investment income	9,341	4,315
<b>Total nonoperating return</b>	<b>447,800</b>	<b>350,300</b>
<b>Total investment return</b>	<b>\$ 572,329</b>	<b>\$ 468,087</b>

The components of total investment return for the fiscal years ended June 30 were as follows (in thousands):

	2018	2017
Interest, dividends, and partnership losses, net of fees	\$ (23,221)	\$ (12,344)
Net realized gains	304,415	278,369
Change in unrealized appreciation	291,135	202,062
<b>Total investment return</b>	<b>\$ 572,329</b>	<b>\$ 468,087</b>

In addition to a core group of investment professionals dedicated to the management of Vanderbilt's endowment, Vanderbilt employs external investment managers. Particularly for alternative investments such as hedge funds, investment manager fee structures frequently have a base component along with a performance component relative to the entire life of the investments. Under these arrangements, management fees frequently are subject to substantial adjustments based on cumulative future returns for a number of years hence.

Vanderbilt reports investment returns net of returns attributed to limited partners on investments allocable to noncontrolling interests.

Vanderbilt incurred internal investment management costs of \$11.6 million in fiscal 2018 and \$12.3 million in fiscal 2017. Fees paid directly to external investment managers (i.e., segregated investment account fees) totaled \$31.0 million and \$28.4 million in fiscal 2018 and 2017, respectively. Vanderbilt reports investment returns net of external manager fees.

## 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.

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 the historical value for such endowments as permanently restricted net assets and the net accumulated appreciation, including recapitalizations, as temporarily restricted net assets. In this

context, historical value represents the original value of initial contributions restricted as permanent endowments plus the original value of subsequent contributions and, if applicable, the value of accumulations made in accordance with the direction of specific donor gift agreements.

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 ensuing fiscal year. For fiscal years 2018 and 2017, 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 approve endowment distributions for reinvestment into the endowment.

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

<b>2018</b>	<b>Unrestricted</b>	<b>Temporarily Restricted</b>	<b>Permanently Restricted</b>	<b>Total</b>
Donor-restricted endowments	\$ (522)	\$ 1,418,533	\$ 1,280,893	\$ 2,698,904
Reinvested distributions of donor-restricted endowments	130,170	80,706	-	210,876
Institutional endowments	1,698,681	-	-	1,698,681
<b>Endowment net assets as of June 30, 2018</b>	<b>\$ 1,828,329</b>	<b>\$ 1,499,239</b>	<b>\$ 1,280,893</b>	<b>\$ 4,608,461</b>

  

<b>2017</b>	<b>Unrestricted</b>	<b>Temporarily Restricted</b>	<b>Permanently Restricted</b>	<b>Total</b>
Donor-restricted endowments	\$ (4,024)	\$ 1,244,275	\$ 1,233,575	\$ 2,473,826
Reinvested distributions of donor-restricted endowments	139,134	52,249	-	191,383
Institutional endowments	1,471,256	-	-	1,471,256
<b>Endowment net assets as of June 30, 2017</b>	<b>\$ 1,606,366</b>	<b>\$ 1,296,524</b>	<b>\$ 1,233,575</b>	<b>\$ 4,136,465</b>

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.

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. As of June 30, 2018 and 2017, Vanderbilt had deficiencies of this nature of approximately \$0.5 million consisting of 28 endowments and \$4.0 million consisting of 158 endowments, respectively. These deficiencies resulted from unfavorable market declines that occurred after the investment of recent permanently restricted contributions. 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.

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

<b>2018</b>	<b>Unrestricted</b>	<b>Temporarily Restricted</b>	<b>Permanently Restricted</b>	<b>Total</b>
Endowment net assets as of June 30, 2017	\$ 1,606,366	\$ 1,296,524	\$ 1,233,575	\$ 4,136,465
Endowment investment return:				
Investment loss, net of fees	(4,422)	(7,184)	-	(11,606)
Net appreciation (realized and unrealized)	202,272	328,554	-	530,826
Total endowment investment return	197,850	321,370	-	519,220
Gifts and additions to endowment, net	108,554	16,792	47,318	172,664
Endowment distributions	(79,470)	(127,372)	-	(206,842)
Transfers for internal management costs	(4,433)	(7,201)	-	(11,634)
Other	(538)	(874)	-	(1,412)
<b>Endowment net assets as of June 30, 2018</b>	<b>\$ 1,828,329</b>	<b>\$ 1,499,239</b>	<b>\$ 1,280,893</b>	<b>\$ 4,608,461</b>

<b>2017</b>	<b>Unrestricted</b>	<b>Temporarily Restricted</b>	<b>Permanently Restricted</b>	<b>Total</b>
Endowment net assets as of June 30, 2016	\$ 1,486,453	\$ 1,130,727	\$ 1,178,406	\$ 3,795,586
Endowment investment return:				
Investment loss, net of fees	(8,608)	(15,189)	-	(23,797)
Net appreciation (realized and unrealized)	156,240	296,234	-	452,474
Total endowment investment return	147,632	281,045	-	428,677
Gifts and additions to endowment, net	61,250	12,721	55,169	129,140
Endowment distributions	(83,999)	(119,198)	-	(203,197)
Transfers for internal management costs	(4,449)	(7,851)	-	(12,300)
Other	(521)	(920)	-	(1,441)
<b>Endowment net assets as of June 30, 2017</b>	<b>\$ 1,606,366</b>	<b>\$ 1,296,524</b>	<b>\$ 1,233,575</b>	<b>\$ 4,136,465</b>

## 9. PROPERTY, PLANT, AND EQUIPMENT

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

	<b>2018</b>	<b>2017</b>
Land	\$ 105,041	\$ 98,554
Buildings and improvements	1,588,094	1,555,888
Moveable equipment	335,463	295,981
Construction in progress	167,229	87,530
Property, plant, and equipment	2,195,827	2,037,953
Less: Accumulated depreciation	(1,102,206)	(1,018,060)
<b>Property, plant, and equipment, net</b>	<b>\$ 1,093,621</b>	<b>\$ 1,019,893</b>

Buildings and improvements include \$15.3 million of leasehold improvements as of fiscal 2018 and 2017. Vanderbilt reports property, plant, and equipment at cost or, if a gift, at fair value as of the date of the gift, net of accumulated depreciation. Vanderbilt computes depreciation using the straight-line method over the estimated useful lives of the assets: 10 to 50 years for buildings, building improvements, and land improvements, the shorter of the asset life or life of the lease including renewal options for leasehold improvements, and 3 to 25 years for machinery and equipment.

Purchases for the library collection are not included in the amounts above as Vanderbilt expenses such items at the time of purchase. As of June 30, 2018, the estimated replacement cost for library collections, including processing costs to properly identify, catalog, and shelve materials, totaled \$419.6 million.

Vanderbilt reported capitalized interest of \$1.5 million and \$0.3 million to construction in progress and/or buildings and improvements in the years ended June 30, 2018 and 2017.

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 2018 or 2017.

Vanderbilt identified conditional asset retirement obligations, primarily for the costs of asbestos removal and disposal, resulting in liabilities of \$3.2 million as of June 30, 2018 and 2017. These liability estimates, included in accounts payable and accrued liabilities in the consolidated statements of financial position, use an inflation rate of 4.0% and a discount rate of 5.0% based on relevant factors at origination.

## 10. LONG-TERM DEBT AND COMMERCIAL PAPER

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 and commercial paper ("CP") obligations 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, 2018	Fiscal 2018 Effective Interest Rate <sup>1</sup>	Outstanding Principal 2018	2017
<b>FIXED-RATE DEBT</b>					
Series 2009A - Tax-exempt	2020	4.00%	4.2%	\$ 4,720	\$ 7,080
Series 2012D - Tax-exempt	2038	3.00%-5.00%	3.1%	106,230	106,230
Series 2016 - Taxable	2047	1.07%-3.44%	2.9%	133,520	138,990
<b>Fixed-rate debt</b>			3.0%	<b>244,470</b>	<b>252,300</b>
Par amount of long-term debt			3.0%	244,470	252,300
Net unamortized premium			-	7,932	8,965
Cost of Issuance			-	(1,180)	(1,235)
<b>Total long-term debt</b>			<b>3.0%</b>	<b>251,222</b>	<b>260,030</b>
Taxable commercial paper	<1		1.6%	114,602	114,180
<b>Total commercial paper</b>			<b>1.6%</b>	<b>114,602</b>	<b>114,180</b>
<b>Total long-term debt and commercial paper</b>			<b>2.6%</b>	<b>\$ 365,824</b>	<b>\$ 374,210</b>

<sup>1</sup> Exclusive of interest rate exchange agreements. Inclusive of these agreements, the overall portfolio effective interest rate was 3.5%.

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

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

	2018	2017
Payments for interest costs	\$ 14,185	\$ 15,164
Accrued interest expense	\$ 11,223	\$ 14,618

Payments for interest costs occur on varying scheduled payment dates for debt, maturity dates for CP, and settlement dates for interest rate exchange agreements. Vanderbilt calculates accrued interest expense for its debt, CP, and interest rate exchange agreements based on applicable interest rates for the respective fiscal year. Accrued interest expense of \$11.2 million and \$14.6 million in fiscal 2018 and 2017, respectively, is net of capitalized interest of \$1.5 million and \$0.3 million, respectively.

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

2019	\$ 7,980
2020	8,140
2021	7,075
2022	7,285
2023	7,535
Thereafter	206,455
<b>Total long-term debt principal retirements</b>	<b>\$ 244,470</b>

Retirements in earlier years in the preceding table could be greater if Vanderbilt must purchase either a portion or all of its CP in the event of failed remarketings on scheduled maturity dates.

On November 9, 2016, Vanderbilt issued the Series 2016 taxable bonds in the par amount of \$139.0 million. The Series 2016 bond proceeds provided \$75.0 million of new project funding to finance

construction of residential colleges as well as \$62.7 million to refund the scheduled bullet maturities of the Series 2009A. This bond series was not callable until October 2019. Vanderbilt funded the remaining defeasance escrow with operating cash. The Series 2009A refunding transaction resulted in an accounting loss of \$2.1 million in the year ended June 30, 2017, which Vanderbilt reported as nonoperating debt defeasance costs.

Vanderbilt originally issued the Series 2009A and 2012D tax-exempt bonds in the par amounts of \$97.1 million, a portion of which was defeased at the time of the Transaction, and \$106.2 million, respectively.

During fiscal 2017, Vanderbilt redeemed the \$34.2 million 2012B floating rate notes. This redemption was funded by the issuance of \$30.0 million of taxable CP and \$4.2 million of operating cash.

Vanderbilt's commercial paper limitation is \$200.0 million; therefore, the university can issue an additional \$85.4 million under its current taxable CP program. Liquidity support for debt with short-term remarketing periods (CP totaling \$114.6 million) is provided by Vanderbilt's self-liquidity.

A second tier of debt liquidity support consists of a \$200 million revolving credit facility as of June 30, 2018, dedicated to Vanderbilt's debt portfolio liquidity support. This commitment expires in April 2020 and has a maximum repayment period, which may extend beyond the expiration date, ranging from 90 days to 367 days. Vanderbilt had no outstanding draws against this credit facility as of June 30, 2018, or 2017. Vanderbilt never has borrowed against revolving credit agreements to support redemptions of debt.

Vanderbilt also has a \$150 million general use line of credit as of June 30, 2018. This line of credit expires in October 2018. Vanderbilt had no outstanding draws against this credit facility as of June 30, 2018, or June 30, 2017. Vanderbilt never has borrowed against general use lines of credit to support operations.

## 11. INTEREST RATE EXCHANGE AGREEMENTS

Vanderbilt utilizes interest rate exchange agreements as part of its debt portfolio management strategy. These agreements result in periodic net cash settlements paid to, or received from, counterparties. Adjustments to interest expense for net settlements due to counterparties totaled \$3.5 million and \$6.3 million in fiscal 2018 and 2017, respectively.

Vanderbilt estimates the fair value of interest rate exchange agreements by calculating the present value sum of future net cash settlements that reflect market yields as of the measurement date and estimated amounts that Vanderbilt would pay to terminate the contracts as of the report date. Vanderbilt considers current interest rates and creditworthiness of the interest rate exchange counterparties when estimating termination settlements. The estimated fair value of Vanderbilt's outstanding interest rate exchange agreements represented liabilities of \$28.1 million and \$54.8 million as of June 30, 2018 and 2017, respectively.

Vanderbilt did not enter into any new interest rate exchange agreements during fiscal 2018 or 2017. During fiscal 2018, Vanderbilt terminated \$50.0 million notional of fixed-rate payer interest rate exchange agreements at a cost of \$17.3 million to reduce collateral exposure and eliminate ongoing settlement costs.

The fair value of interest rate exchange agreements, reported in the nonoperating section of the consolidated statements of activities, resulted in net gains of \$9.4 million and \$32.3 million in fiscal 2018 and 2017, respectively. The \$9.4 million appreciation of interest rate exchange agreements in fiscal 2018 includes a \$26.4 million net un-

realized gain from the combination of the positive effect of the termination of fixed-rate payer and basis interest rate exchange agreements and the increase in the long-term LIBOR rate, a \$0.3 million unrealized gain to adjust the discount rate to reflect counterparty credit risk, partially offset by \$17.3 million of termination costs. The \$32.3 million appreciation of interest rate exchange agreements in fiscal 2017 includes a \$63.7 million net unrealized gain from the combination of the positive effect of the termination of fixed-rate payer and basis interest rate exchange agreements and the increase in the long-term LIBOR rate, partially offset by \$28.1 million of termination costs and a \$3.3 million unrealized loss to adjust the discount rate to reflect counterparty credit risk. Thirty-year LIBOR increased to 2.9% as of June 30, 2018, from 2.5% as of June 30, 2017. Termination costs are reflected in the appreciation of interest rate exchange agreements in the respective periods.

The interest rate exchange agreements include collateral pledging requirements based on the fair value of the contracts. There was no collateral held by counterparties as of June 30, 2018 or 2017. Vanderbilt estimates that a decline in long-term LIBOR rates to approximately 1% would result in the fair value of the portfolio being a liability of approximately \$60 million, but would not require Vanderbilt to pledge collateral.

As of June 30, 2018, Vanderbilt's adjusted debt portfolio, after taking into account outstanding fixed-payer interest rate exchange agreements, was approximately 99% fixed and 1% variable.

The notional amounts of Vanderbilt's outstanding interest rate exchange agreements as of June 30 were as follows (*in thousands*):

Description	Rate Paid	Rate Received	Maturity	2018	2017
Fixed-payer interest rate exchange agreements	Avg fixed rate of 4.06%	Avg of 68.7% of one-month LIBOR <sup>1</sup>	13 to 22 years	\$ 111,600	\$ 163,800

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

## 12. NET ASSETS

Vanderbilt's unrestricted net assets include funds from general operating activities, gifts and grants, student loans, net assets related to noncontrolling interests, and net assets designated for specific purposes through voluntary resolutions of the Board of Trust.

Board-designated net assets represent portions of unrestricted net assets set aside with the purpose of functioning as endowments and funds set aside for specific future expenditures.

Temporarily restricted net assets were designated by donors for the following purposes as of June 30 (*in thousands*):

	2018	2017
Student scholarships	\$ 400,690	\$ 454,528
Endowed chairs	475,056	353,849
Operations	479,011	263,498
Program support	77,303	102,965
Capital improvements	47,926	20,729
Subsequent period operations and other	104,275	189,873
<b>Total temporarily restricted net assets</b>	<b>\$ 1,584,261</b>	<b>\$ 1,385,442</b>

Permanently restricted net assets as of June 30 were composed of the following (*in thousands*):

	2018	2017
Donor-restricted endowments	\$ 1,280,893	\$ 1,233,575
Gifts and grants	56,167	42,116
Life income and gift annuities	35,655	32,494
Interests in trusts held by others	23,674	17,011
<b>Total permanently restricted net assets</b>	<b>\$ 1,396,389</b>	<b>\$ 1,325,196</b>

### 13. FAIR VALUE MEASUREMENT

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

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

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

**Level 3** are unobservable inputs for the assets or liabilities.

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

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

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

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

	Beginning balance as of June 30, 2017	Net realized gains (losses)	Net change in unrealized gains (losses)*	Purchases	Sales	Transfers into/(out of) level 3	Ending balance as of June 30, 2018
<b>LEVEL 3 ASSETS</b>							
Private capital	\$ 2,368	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,368
Real estate	194	-	-	1	(1)	-	194
Natural resources	30,571	-	6,331	-	(2,253)	-	34,649
Trusts	37,216	1,686	(507)	2,204	(6,022)	-	34,577
Other investments	2,563	-	-	178	-	-	2,741
Interests in trusts held by others	28,577	-	8,147	-	(5,971)	-	30,753
<b>Total Level 3</b>	<b>\$ 101,489</b>	<b>\$ 1,686</b>	<b>\$ 13,971</b>	<b>\$ 2,383</b>	<b>\$ (14,247)</b>	<b>\$ -</b>	<b>\$ 105,282</b>

\*Total change in unrealized gains/(losses) relating to Level 3 investment assets held by the university at June 30, 2018, is \$13,971 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, 2016	Net realized gains (losses)	Net change in unrealized gains (losses)*	Purchases	Sales	Transfers into/(out of) level 3	Ending balance as of June 30, 2017
<b>LEVEL 3 ASSETS</b>							
Global equities	\$ 680	\$ (8)	\$ -	\$ 408	\$ (1,080)	\$ -	\$ -
Private capital	2,368	-	-	-	-	-	2,368
Real estate	179	-	18	-	(3)	-	194
Natural resources	31,442	-	1,238	-	(2,109)	-	30,571
Trusts	35,882	715	2,427	4,896	(6,704)	-	37,216
Other investments	7,623	219	97	-	(5,376)	-	2,563
Interests in trusts held by others	26,601	-	1,976	-	-	-	28,577
<b>Total Level 3</b>	<b>\$ 104,775</b>	<b>\$ 926</b>	<b>\$ 5,756</b>	<b>\$ 5,304</b>	<b>\$ (15,272)</b>	<b>\$ -</b>	<b>\$ 101,489</b>

\*Total change in unrealized gains/(losses) relating to Level 3 investment assets held by the university at June 30, 2017, is \$3,788 and is reflected in "Appreciation of endowment, net of distributions" for private capital and natural resources categories as well as "Investment income (loss)" for remaining categories in the Consolidated Statement of Activities.

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

Also included in the following tables, as a measure of liquidity, are the redemption terms and restrictions of investments, along with the numbers of days' notice required to liquidate these investments. Most investments classified as levels 2 and 3 consist of shares or units in investment funds as opposed to direct interests in the funds' underlying holdings. Vanderbilt's ability to redeem its interest at or near the financial statement date determines the net assets' classification as level 2 or level 3. Vanderbilt defines near-term as within 90 days of the financial statement date.

The total asset values for short-term securities, global equities, fixed income, hedged strategies, and commodities provide varying levels of liquidity, with daily to annual redemption frequencies. These strategies allow Vanderbilt to provide notice to the fund managers to exit from the respective funds in the time periods noted.

The total asset values for private capital, real estate, natural resources, and other investments are illiquid as of June 30, 2018. 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.

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, 2018**

	Fair Value Measurements					Total
	Level 1	Level 2	Level 3	NAV		
Cash and cash equivalents	\$ 602,652	\$ -	\$ -	\$ -	\$ 602,652	
Short-term securities	12,088	-	-	-	12,088	
Global equities	912,752	45,657	-	390,731	1,349,140	
Fixed income	255,707	203,840	-	78,817	538,364	
Hedged strategies	513,997	362,091	-	232,965	1,109,053	
Private capital	2,304	-	2,368	1,438,434	1,443,106	
Real estate	-	-	194	155,938	156,132	
Natural resources	299	-	34,649	263,319	298,267	
Commodities	151,771	-	-	-	151,771	
Trusts	-	-	34,577	-	34,577	
Other investments	3,859	-	2,741	-	6,600	
Interests in trusts held by others	-	-	30,753	-	30,753	
<b>Total assets reported at fair value</b>	<b>\$ 2,455,429</b>	<b>\$ 611,588</b>	<b>\$ 105,282</b>	<b>\$ 2,560,204</b>	<b>\$ 5,732,503</b>	

**Liabilities Reported at Fair Value as of June 30, 2018**

Securities sold short	\$ 190,609	\$ 49,838	\$ -	\$ -	\$ 240,447
Interest rate exchange agreements	-	28,089	-	-	28,089
<b>Total liabilities reported at fair value</b>	<b>\$ 190,609</b>	<b>\$ 77,927</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 268,536</b>

**Assets Reported at Fair Value as of June 30, 2017**

	Fair Value Measurements					Total
	Level 1	Level 2	Level 3	NAV		
Cash and cash equivalents	\$ 935,446	\$ -	\$ -	\$ -	\$ 935,446	
Short-term securities	137	-	-	-	137	
Global equities	851,749	-	-	276,939	1,128,688	
Fixed income	238,924	69,988	-	40,054	348,966	
Hedged strategies	758,365	280,729	-	220,925	1,260,019	
Private capital	2,891	-	2,368	1,145,741	1,151,000	
Real estate	-	-	194	168,183	168,377	
Natural resources	281	-	30,571	230,579	261,431	
Commodities	133,644	-	-	-	133,644	
Trusts	-	-	37,216	-	37,216	
Other investments	3,590	-	2,563	-	6,153	
Interests in trusts held by others	-	-	28,577	-	28,577	
<b>Total assets reported at fair value</b>	<b>\$ 2,925,027</b>	<b>\$ 350,717</b>	<b>\$ 101,489</b>	<b>\$ 2,082,421</b>	<b>\$ 5,459,654</b>	

**Liabilities Reported at Fair Value as of June 30, 2017**

Securities sold short	\$ 310,698	\$ 42,327	\$ -	\$ -	\$ 353,025
Interest rate exchange agreements	-	54,784	-	-	54,784
<b>Total liabilities reported at fair value</b>	<b>\$ 310,698</b>	<b>\$ 97,111</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 407,809</b>

## Redemption Terms and Restrictions as of June 30, 2018 and 2017

	2018 Fair Value	Redemption Terms	Redemption Restrictions
Cash and cash equivalents	\$ 602,652	Daily, with same-day to 90 day notice	No restrictions
Short-term securities	12,088	Daily, with 1 day notice	No restrictions
Global equities	1,349,140	Daily to annually, with 1 to 95 day notice	Lock-up provision ranging from none to 4 years
Fixed income	538,364	Daily to annually, with 1 to 365 day notice	No restrictions
Hedged strategies	1,109,053	Daily to annually, with 1 to 135 day notice	Lock-up provision ranging from none to 4 years
Private capital	1,443,106	N/A	Not redeemable
Real estate	156,132	N/A	Not redeemable
Natural resources	298,267	N/A	Not redeemable
Commodities	151,771	Daily, with 1 to 30 day notice	No restrictions
Trusts	34,577	N/A	Not redeemable
Other investments	6,600	N/A	Not redeemable
Interests in trusts held by others	30,753	N/A	Not redeemable

## 14. OTHER REVENUE

The major components of other sources of revenue as of June 30 were as follows (*in thousands*):

	2018	2017
Television revenue	\$ 31,315	\$ 28,660
Endowment funding of internal management costs	11,634	12,300
Tournament revenue	10,893	11,879
Student athletics ticket revenue	9,717	9,043
Miscellaneous revenue from affiliate	8,375	8,618
Conference and seminar revenue	6,638	6,286
Educational and other academic services	3,294	3,478
Child care operations	2,281	2,972
Other miscellaneous revenue	15,405	14,407
<b>Total other sources revenue</b>	<b>\$ 99,552</b>	<b>\$ 97,643</b>

## 15. STUDENT FINANCIAL AID

Vanderbilt provides financial aid to students based upon need and merit. Institutional resources, contributions, endowment distributions, and externally sponsored programs fund this financial assistance.

For the fiscal years ended June 30, financial aid for tuition and education fees was as follows (*in thousands*):

	2018	2017
Tuition and educational fees, gross	\$ 538,470	\$ 513,103
Less: Financial aid for tuition and educational fees	(239,628)	(231,424)
<b>Tuition and educational fees, net</b>	<b>\$ 298,842</b>	<b>\$ 281,679</b>

For the fiscal years ended June 30, financial aid for room and board was as follows (*in thousands*):

	2018	2017
Room and board, gross	\$ 80,807	\$ 79,278
Less: Financial aid for room and board	(35,998)	(33,812)
<b>Room and board, net</b>	<b>\$ 44,809</b>	<b>\$ 45,466</b>

## 16. FUNCTIONAL CLASSIFICATION OF EXPENSES AND ALLOCATIONS

The following tables summarize operating expenses for the fiscal years ended June 30 (*in thousands*):

	2018	2017
Instruction	\$ 355,818	\$ 353,059
Research	177,277	178,035
Public service	33,899	32,611
Academic support	138,057	126,331
Student services	126,220	127,761
Institutional support	203,456	201,618
Room, board, and other auxiliary services	168,598	184,757
<b>Total operating expenses</b>	<b>\$ 1,203,325</b>	<b>\$ 1,204,172</b>

Natural expense classifications include certain allocations of institutional and other support costs to Vanderbilt's primary programs such as instruction, research, and public service. Based on the functional uses of space on its campus, Vanderbilt allocated depreciation and interest on indebtedness to the functional operating expense categories as follows (*in thousands*):

	2018	
	Depreciation	Interest
Instruction	\$ 16,752	\$ 2,297
Research	16,018	1,072
Academic support	3,743	403
Student services	10,468	679
Institutional support	18,961	478
Room, board, and other auxiliary services	20,811	6,294
<b>Total</b>	<b>\$ 86,753</b>	<b>\$ 11,223</b>

	2017	
	Depreciation	Interest
Instruction	\$ 14,912	\$ 2,517
Research	13,356	1,458
Academic support	6,769	908
Student services	9,864	725
Institutional support	14,910	690
Room, board, and other auxiliary services	21,520	8,320
<b>Total</b>	<b>\$ 81,331</b>	<b>\$ 14,618</b>

## 17. RETIREMENT PLANS

Vanderbilt's full-time faculty and staff members participate in defined contribution retirement plans administered by a third party investment firm. For eligible employees, these plans require 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 2018 and 2017 were \$19.7 million and \$18.6 million, respectively.

## 18. LEASES

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 with remaining lease terms of up to 10 years. Total operating lease expense was \$15.2 million and \$14.7 million in the years ended June 30, 2018, and June 30, 2017, respectively.

As of June 30, 2018, future committed minimum rentals by fiscal year on significant noncancelable operating leases with initial terms in excess of one year were as follows (*in thousands*):

2019	\$ 13,389
2020	13,072
2021	12,619
2022	10,966
2023	10,417
Thereafter	35,151
<b>Total future minimum rentals</b>	<b>\$ 95,614</b>

The following table provides a detail of significant noncancelable operating leases by type (*in thousands*):

	% of Minimum Rentals	Minimum Rentals
Property leases	96%	\$ 92,142
Equipment leases	4%	3,472
<b>Total future minimum rentals</b>	<b>100%</b>	<b>\$ 95,614</b>

Property leases for buildings owned by Vanderbilt University Medical Center (60%) and 2100 West End Avenue (28%) account for approximately 88% of the total future minimum rentals as of June 30, 2018.

## 19. COMMITMENTS AND CONTINGENCIES

(A) *Construction.* As of June 30, 2018, Vanderbilt had contractual commitments for approximately \$67.9 million of projects under construction and equipment purchases. The largest components of these commitments were for residential college hall construction at the Tarpley site (\$27.8 million) and E. Bronson Ingram College (\$19.5 million).

(B) *Litigation.* On August 12, 2016, Vanderbilt University was served with a lawsuit in Federal District Court styled Cassell, et al. v. Vanderbilt University, et al., No. 16-CV-02086 (M.D. Tenn.), seeking class action status on behalf of the employee-participants in the Vanderbilt University Retirement Plan for an alleged breach of fiduciary duties in the administration of its sponsored retirement

program under 26 U.S.C. Sec. 403(b). The Complaint in the lawsuit does not claim any specific amount of alleged damages but, rather, contends that such alleged damages must be determined through discovery in the matter.

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

Vanderbilt believes that the outcome of these actions 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 \$605.8 million of commitments to venture capital, real estate, and private equity investments as of June 30, 2018. 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 \$10.0 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.

## 20. 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 Board of Trust Audit Committee.

See Note 21 to the consolidated financial statements for discussion regarding the ongoing economic relationship between Vanderbilt and VUMC.

## 21. VANDERBILT UNIVERSITY MEDICAL CENTER

---

Following the Transaction, Vanderbilt has an ongoing economic relationship with VUMC in the form of an Academic Affiliation Agreement (“AAA”), a Trademark Licensing Agreement (“TML”), 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 after the Transaction date. The licensed marks, which VUMC will continue to use as the 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.

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.

Following the Transaction, 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.

## 22. SUBSEQUENT EVENTS

---

Vanderbilt evaluated events subsequent to June 30, 2018, through December 31, 2018, the date of issuance of the consolidated financial statements.

In July 2018, Vanderbilt securitized the upcoming 30-year term of one of the university's trademark revenue streams and the remaining \$89.6 million balance of a promissory note receivable that resulted from the Transaction. 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 July 2018, Vanderbilt entered into a note purchase agreement for a \$300 million long-term debt private placement. The university will use a portion of the proceeds for the next phases of residential college construction. Vanderbilt signed the term sheet, which locked the rate for this agreement in May 2018. The university drew the full \$300 million proceeds on November 1, 2018. The week following the private placement draw, a portion of the proceeds were used to extinguish all \$115 million (par) of Vanderbilt's taxable commercial paper.

Subsequent to fiscal year end and extinguishment of all taxable commercial paper, Vanderbilt terminated its dedicated hybrid line of credit. The sole purpose of this line was to pay the purchase price of obligations that are tendered but not successfully remarketed. After the extinguishment of the taxable commercial paper, Vanderbilt no longer had any obligations to be tendered. Vanderbilt has never borrowed under its hybrid lines of credit to support repurchases of debt.

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

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
<b>RESEARCH AND DEVELOPMENT CLUSTER</b>							
US Department of Agriculture	Pass-Through	University of Memphis	2014-33522-21826 MEM	10.RD		\$ 54,040	\$ -
						\$ 54,040	\$ -
US Department of Agriculture	Direct		2013-67021-21029 USD	10.310	Agriculture and Food Research Initiative (AFRI)	10,888	
US Department of Agriculture	Direct		67015234886	10.310	Agriculture and Food Research Initiative (AFRI)	(11)	
US Department of Agriculture	Pass-Through	Vanderbilt University Medical Center	2017-680001-26352/VU	10.310	Agriculture and Food Research Initiative (AFRI)	82,948	
US Department of Agriculture	Pass-Through	University of Michigan	3004679739(2015-67015-27)	10.310	Agriculture and Food Research Initiative (AFRI)	20,272	
						\$ 114,097	\$ -
			Total US Department of Agriculture			\$ 168,137	\$ -
US Department of Commerce	Direct		70NANB16H297	11.609	Measurement and Engineering Research and Standards	78,381	
US Department of Commerce	Direct		70NANB15H020	11.609	Measurement and Engineering Research and Standards	93,858	
US Department of Commerce	Direct		70NANB17H266 NIST	11.609	Measurement and Engineering Research and Standards	94,547	
US Department of Commerce	Direct		70NANB17H274 NIST	11.609	Measurement and Engineering Research and Standards	171,615	
US Department of Commerce	Direct		70NANB15H26	11.609	Measurement and Engineering Research and Standards	7,675	
						\$ 446,076	\$ -
US Department of Commerce	Direct		70NANB16H224	11.619	Arrangements for Interdisciplinary Research Infrastructure	101,325	
						\$ 101,325	\$ -
			Total US Department of Commerce			\$ 547,401	\$ -
US Department of Army	Direct		4224003803	12.100	Aquatic Plant Control	(722)	
						\$ (722)	\$ -
US Department of Army	Pass-Through	Advanced Technology International	W81XWH-15-0-0001 ATI	12.114	Collaborative Research and Development	114,292	
						\$ 114,292	\$ -
US Department of Air Force	Direct		FA8750-14-2-0180	12.300	Basic and Applied Scientific Research	562,487	1,485
US Department of Navy	Direct		N00014-18-1-2964	12.300	Basic and Applied Scientific Research	44,287	8,032
US Department of Navy	Direct		N00014-18-1-2107	12.300	Basic and Applied Scientific Research	26,536	
US Department of Navy	Direct		N00014-18-1-2568	12.300	Basic and Applied Scientific Research	918	
US Department of Navy	Direct		N00014-11-1-0683	12.300	Basic and Applied Scientific Research	528,746	430,517
US Department of Navy	Direct		N00014-13-1-0299	12.300	Basic and Applied Scientific Research	(14)	
US Department of Navy	Direct		N00014-17-1-2040	12.300	Basic and Applied Scientific Research	144,248	
US Department of Navy	Direct		N00014-14-1-0462	12.300	Basic and Applied Scientific Research	132,792	136,373
US Department of Navy	Direct		N00014-15-1-2621	12.300	Basic and Applied Scientific Research	57,337	
US Department of Navy	Direct		N00173-16-C-2018	12.300	Basic and Applied Scientific Research	146,497	
US Department of Navy	Direct		N00173-13-1-G017	12.300	Basic and Applied Scientific Research	(2,412)	
US Department of Navy	Direct		N00014-16-1-2283	12.300	Basic and Applied Scientific Research	133,617	
US Department of Navy	Pass-Through	Fisk University	N00174-16-C-0008	12.300	Basic and Applied Scientific Research	33,874	
US Department of Navy	Pass-Through	North Carolina State University	N00014-10-1-0958	12.300	Basic and Applied Scientific Research	(11,039)	
						\$ 1,797,874	\$ 576,407
Defense Threat Reduction Agency	Direct		HDTRA1-15-1-0036	12.351	Scientific Research - Combating Weapons of Mass Destruction	207,133	53,040
Defense Threat Reduction Agency	Direct		HDTRA1-12-1-0025	12.351	Scientific Research - Combating Weapons of Mass Destruction	11,129	
Defense Threat Reduction Agency	Direct		HDTRA1-16-1-0007	12.351	Scientific Research - Combating Weapons of Mass Destruction	449,972	8,661
Defense Threat Reduction Agency	Direct		HDTRA1-13-1-0011	12.351	Scientific Research - Combating Weapons of Mass Destruction	271,524	
Defense Threat Reduction Agency	Direct		HDTRA1-17-1-0003	12.351	Scientific Research - Combating Weapons of Mass Destruction	1,040,097	97,093
Defense Threat Reduction Agency	Direct		HDTRA11810002	12.351	Scientific Research - Combating Weapons of Mass Destruction	115,717	9,908
Defense Threat Reduction Agency	Pass-Through	Case Western Reserve University	HDTRA1-15-1-0039	12.351	Scientific Research - Combating Weapons of Mass Destruction	49,288	
Defense Threat Reduction Agency	Pass-Through	Georgia Institute of Technology	HDTRA1-12-1-0031	12.351	Scientific Research - Combating Weapons of Mass Destruction	6,876	
Defense Threat Reduction Agency	Pass-Through	Georgia Institute of Technology	HDTRA1-16-1-0032	12.351	Scientific Research - Combating Weapons of Mass Destruction	262,308	
Defense Threat Reduction Agency	Pass-Through	Massachusetts Institute of Technology	HDTRA1-14-1-0057	12.351	Scientific Research - Combating Weapons of Mass Destruction	131,961	
Defense Threat Reduction Agency	Pass-Through	University of California Los Angeles	HDTRA1-17-1-0035	12.351	Scientific Research - Combating Weapons of Mass Destruction	130,750	
Defense Threat Reduction Agency	Pass-Through	University of Louisville	HDTRA1-15-1-0027	12.351	Scientific Research - Combating Weapons of Mass Destruction	132,475	
Defense Threat Reduction Agency	Pass-Through	University of Minnesota	HDTRA1-14-1-0042	12.351	Scientific Research - Combating Weapons of Mass Destruction	117,665	
						\$ 2,926,895	\$ 168,702
US Department of Air Force	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	472,973	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Army	Direct		W81XWH-18-1-0139	12.420	Military Medical Research and Development	23,482	
US Department of Army	Direct		W81XWH-17-1-0266	12.420	Military Medical Research and Development	133,134	
US Department of Army	Direct		W81XWH-16-2-0052	12.420	Military Medical Research and Development	192,617	14,392
US Department of Army	Direct		W81XWH-16-1-0063	12.420	Military Medical Research and Development	308,361	7,401
US Department of Army	Direct		W81XWH-14-1-0298	12.420	Military Medical Research and Development	211,144	
US Department of Army	Direct		W81XWH-13-1-0397	12.420	Military Medical Research and Development	33,840	
US Department of Army	Direct		W81XWH-15-1-0627	12.420	Military Medical Research and Development	195,210	
US Department of Army	Direct		W81XWH-15-1-0438	12.420	Military Medical Research and Development	158,455	
US Department of Army	Direct		W81XWH-13-1-0230	12.420	Military Medical Research and Development	(2,555)	
US Department of Army	Direct		W81XWH-15-2-0068	12.420	Military Medical Research and Development	476,705	270,052
US Department of Army	Direct		W81XWH-14-C-1422	12.420	Military Medical Research and Development	534,943	18,870
US Department of Army	Direct		W81XWH-16-1-0171	12.420	Military Medical Research and Development	187,032	
US Department of Army	Direct		W81XWH-14-1-0139	12.420	Military Medical Research and Development	2,145	6,477
US Department of Army	Direct		W81XWH-16-1-0064	12.420	Military Medical Research and Development	241,817	
US Department of Army	Direct		W81XWH-16-1-0559	12.420	Military Medical Research and Development	344,137	43,884
US Department of Army	Direct		4282863756	12.420	Military Medical Research and Development	341	
US Department of Air Force	Pass-Through	Vanderbilt University Medical Center	VUMC61516/W81XWH-17-	12.420	Military Medical Research and Development	102,931	
US Department of Air Force	Pass-Through	Wake Forest University	W81XWH-15-1-0574 WF	12.420	Military Medical Research and Development	34,903	
US Department of Army	Pass-Through	Wake Forest University	W81XWH-14-2-0004 WF	12.420	Military Medical Research and Development	177,868	71,796
US Department of Army	Pass-Through	Rehabilitation Institute Research Corporation	W81XWH-15-2-0041	12.420	Military Medical Research and Development	227,134	
						\$ 4,056,617	\$ 432,872
Defense Advanced Research Projects Agency	Direct		W911NF-14-2-0022	12.431	Basic Scientific Research	2,735,633	473,110
US Department of Army	Direct		W911NF-18-2-0081	12.431	Basic Scientific Research	5,902	
US Department of Army	Direct		W911NF-14-1-0290	12.431	Basic Scientific Research	(1)	
US Department of Army	Direct		W911NF-15-1-0176	12.431	Basic Scientific Research	90,062	
US Department of Army	Direct		W911NF-16-1-0069	12.431	Basic Scientific Research	102,194	
US Department of Army	Direct		W911NF-17-1-0533	12.431	Basic Scientific Research	114,648	
US Department of Army	Direct		W911NF-17-2-0159	12.431	Basic Scientific Research	50,052	
						\$ 3,098,490	\$ 473,110
US Department of Air Force	Direct		FA9550-18-1-0122	12.800	Air Force Defense Research Sciences Program	4,136	
US Department of Air Force	Direct		FA9550-18-1-0126	12.800	Air Force Defense Research Sciences Program	41,393	
US Department of Air Force	Direct		FA9550-15-1-0018	12.800	Air Force Defense Research Sciences Program	107,552	
US Department of Air Force	Direct		FA9550-15-1-0202	12.800	Air Force Defense Research Sciences Program	262,788	172,447
US Department of Air Force	Direct		FA9550-11-1-0307	12.800	Air Force Defense Research Sciences Program	1,003	
US Department of Air Force	Direct		FA9550-15-1-0405	12.800	Air Force Defense Research Sciences Program	558	
US Department of Air Force	Direct		FA9550-16-1-0318	12.800	Air Force Defense Research Sciences Program	401	
US Department of Air Force	Direct		FA9101-13-D-0002/000	12.800	Air Force Defense Research Sciences Program	(11,888)	
US Department of Air Force	Direct		FA9550-14-1-0303	12.800	Air Force Defense Research Sciences Program	99,804	
US Department of Air Force	Direct		FA9550-15-1-0328	12.800	Air Force Defense Research Sciences Program	19,059	
US Department of Air Force	Direct		FA9101-13-D-0002a	12.800	Air Force Defense Research Sciences Program	32,669	
US Department of Air Force	Direct		FA9550-17-1-0046	12.800	Air Force Defense Research Sciences Program	250,861	
US Department of Air Force	Direct		FA9550-17-1-0374	12.800	Air Force Defense Research Sciences Program	156,858	
US Department of Air Force	Direct		4224244233	12.800	Air Force Defense Research Sciences Program	(8,225)	
US Department of Air Force	Pass-Through	Georgia Institute of Technology	FA9550-15-1-0512	12.800	Air Force Defense Research Sciences Program	56,649	
US Department of Air Force	Pass-Through	Northrop Grumman Corporation	FA8650-16-C-2624	12.800	Air Force Defense Research Sciences Program	76,683	
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	164,263	
US Department of Air Force	Pass-Through	University of Texas at Arlington	FA8750-15-1-0105	12.800	Air Force Defense Research Sciences Program	173,064	
Missile Defense Agency	Pass-Through	Fifth Gait Technologies, Inc.	HQ0147-15-D-7006	12.800	Air Force Defense Research Sciences Program	91,641	
						\$ 1,519,269	\$ 172,447
US Geological Survey_LOC	Direct		G18AC00101	12.810	Air Force Medical Research and Development	13,280	
						\$ 13,280	\$ -
Defense Advanced Research Projects Agency	Direct		IPA - NEEMA	12.910	Research and Technology Development	257,622	
Defense Advanced Research Projects Agency	Direct		HR0011-15-C-0120	12.910	Research and Technology Development	566,839	275,453
Defense Advanced Research Projects Agency	Pass-Through	Wright State University	N66001-17-2-4019/WRI	12.910	Research and Technology Development	379,230	



Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Total Department of Interior						\$ (2,635)	\$ -
US Department of Justice	Direct		DOJ-IPA-FROEB	16.RD		230,009	
US Department of Justice	Pass-Through	American Institute for Research	AIR-2014DCBXK001/037	16.RD		17,854	
US Department of Justice	Pass-Through	Pennsylvania Commission on Crime and Delinquen	2013-J-04-26556 PCCD	16.RD		8,228	
						\$ 256,091	\$ -
US Department of Justice	Direct		2016-CK-BK-K002	16.560	National Institute of Justice Research, Evaluation, and Developm	465,379	90,993
						\$ 465,379	\$ 90,993
US Department of Justice	Direct		2017-IJ-CX-0007	16.562	Criminal Justice Research and Development_Graduate Research	2,495	
US Department of Justice	Direct		IJCX0007	16.562	Criminal Justice Research and Development_Graduate Research	2,654	
						\$ 5,149	\$ -
US Department of Justice	Direct		MARTHA-OBRYAN-DOJ	16.817	Innovations in Community-Based Crime Reduction	7,821	
						\$ 7,821	\$ -
Total Department of Justice						\$ 734,440	\$ 90,993
US Department of Labor	Direct		IL-26698-14-75-K-47	17.401	International Labor Programs	132,549	
Total Department of Labor						\$ 132,549	\$ -
US Department of State	Pass-Through	Institute of International Education, Inc.	S-ECAGD-16-CA-1014	19.RD		81	
US Department of State	Pass-Through	Institute of International Education, Inc.	IIE HUMPREY'S FELLOW	19.RD		16,463	
						\$ 16,544	\$ -
US Department of State	Pass-Through	Institute of International Education, Inc	4262604953	19.010	Academic Exchange Programs - Hubert H. Humphrey Fellowship	540	
						\$ 540	\$ -
US Department of State	Direct		S-CH500-17-GR2070	19.040	Public Diplomacy Programs	14,214	
US Department of State	Direct		SC020017GR0059	19.040	Public Diplomacy Programs	20,064	
						\$ 34,278	\$ -
Total US Department of State						\$ 51,362	\$ -
US Department of Transportation	Pass-Through	TN Department of Transportation	40100-15916	20.RD		28,750	54
US Department of Transportation	Pass-Through	TN Department of Transportation	TDOT 40100-00517	20.RD		27,877	
US Department of Transportation	Pass-Through	University of Arkansas	69A355174713	20.RD		7,850	
						\$ 64,477	\$ 54
US Department of Transportation	Direct		693JJ31845069	20.215	Highway Training and Education	876	
US Department of Transportation	Direct		693JJ31845003	20.215	Highway Training and Education	18,958	
US Department of Transportation	Direct		693JJ31845050	20.215	Highway Training and Education	2,969	
						\$ 22,803	\$ -
US Department of Transportation	Pass-Through	University of Arkansas	69A3551747130 ARKANS	20.820	Maritime Studies and Innovations	171,146	
						\$ 171,146	
Total Department of Transportation						\$ 258,426	\$ 54
US Department of Treasury	Direct		IPA 991054	21.RD		30,299	
						\$ 30,299	\$ -
Total Department of Treasury						\$ 30,299	\$ -
National Aeronautics and Space Administration	Direct		NNX14AB18G GODDARD	43.RD		19,677	
National Aeronautics and Space Administration	Direct		NNX15AR87H GODDARD	43.RD		34,288	
National Aeronautics and Space Administration	Direct		NNX13AL65H	43.RD		6,645	
National Aeronautics and Space Administration	Direct		NNX15AV48G	43.RD		(295)	
National Aeronautics and Space Administration	Direct		NNX14AN61A	43.RD		111,094	21,308
National Aeronautics and Space Administration	Direct		NNX16AB24A	43.RD		33,926	
National Aeronautics and Space Administration	Direct		NASA NNX16AD07G	43.RD		230,707	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Aeronautics and Space Administration	Direct		NASA NNG14L177P	43.RD		(2,634)	
National Aeronautics and Space Administration	Direct		NASA NNG16LP08P	43.RD		(5,245)	
National Aeronautics and Space Administration	Direct		NNX14AR53A	43.RD		49,069	47,871
National Aeronautics and Space Administration	Direct		NNX15AR73H	43.RD		637,540	334,847
National Aeronautics and Space Administration	Direct		NNX17GD47P - NASA	43.RD		42,656	
National Aeronautics and Space Administration	Direct		80NSSC18K0445	43.RD		79,197	
National Aeronautics and Space Administration	Pass-Through	CFD Research Corporation	CONTR 20160317	43.RD		55,419	
National Aeronautics and Space Administration	Pass-Through	CFD Research Corporation	9269/NNX17CG10C	43.RD		55,027	
National Aeronautics and Space Administration	Pass-Through	CFD Research Corporation	20160788	43.RD		14,213	
National Aeronautics and Space Administration	Pass-Through	IOP Technologies	VU-KV #5015	43.RD		(33,115)	
National Aeronautics and Space Administration	Pass-Through	Massachusetts Institute of Technology	MIT 5710003558	43.RD		(20)	
National Aeronautics and Space Administration	Pass-Through	Metrolaser, Inc.	METROLASER	43.RD		49,120	
National Aeronautics and Space Administration	Pass-Through	Qualtech Systems, Inc.	NNX15CA11C/QSI-DSC-1	43.RD		7,162	
National Aeronautics and Space Administration	Pass-Through	Scientific, Inc.	SCI.00566	43.RD		(71,300)	
National Aeronautics and Space Administration	Pass-Through	Scientific, Inc.	SCIENTIFIC SCI.00753	43.RD		193,367	
National Aeronautics and Space Administration	Pass-Through	Space Telescope Science Institute	STS/HST-EO-12995.04	43.RD		17,665	
National Aeronautics and Space Administration	Pass-Through	Space Telescope Science Institute	HST-EO-12543.04-A	43.RD		5,844	
National Aeronautics and Space Administration	Pass-Through	The Catholic University of America	361381 Sub 2	43.RD		3,150	
National Aeronautics and Space Administration	Pass-Through	The Catholic University of America	CATH-UNI/361381 SUB1	43.RD		35,889	
National Aeronautics and Space Administration	Pass-Through	University of Pittsburgh	PITT/CASIS GA-2016-2	43.RD		28,948	
						\$ 1,597,994	\$ 404,026
National Aeronautics and Space Administration	Direct		1953567	43.001	Science	19,028	
National Aeronautics and Space Administration	Direct		80NSSC18K0523	43.001	Science	20,016	
National Aeronautics and Space Administration	Direct		1592616	43.001	Science	14,438	
National Aeronautics and Space Administration	Direct		NNX16AQ35H DUFFY FEL	43.001	Science	22,643	
National Aeronautics and Space Administration	Direct		NNX17AJ09G GODDARD	43.001	Science	37,741	
National Aeronautics and Space Administration	Direct		4224203533	43.001	Science	(928)	
National Aeronautics and Space Administration	Pass-Through	California Institute of Technology (Caltech)	JPL 1568812	43.001	Science	187,242	
National Aeronautics and Space Administration	Pass-Through	Smithsonian Institute	SMITH/NASA/GO6-17013	43.001	Science	2,667	
						\$ 302,847	\$ -
National Aeronautics and Space Administration	Pass-Through	Arizona State University	17-265	43.002	Aeronautics	127,935	
						\$ 127,935	\$ -
National Aeronautics and Space Administration	Direct		NNX16AR25G	43.006	Science, Recovery Act	73,421	
						\$ 73,421	\$ -
National Aeronautics and Space Administration	Direct		NNX13AT11H NASA AMES	43.008	Education	7,703	
National Aeronautics and Space Administration	Direct		NNX15AU33H AMES	43.008	Education	77,114	
						\$ 84,817	\$ -
National Aeronautics and Space Administration	Direct		80NSSC18K0493	43.009	Cross Agency Support	34,829	
National Aeronautics and Space Administration	Direct		80NSSC18K0721	43.009	Cross Agency Support	24,085	
						\$ 58,914	\$ -
National Aeronautics and Space Administration	Direct		NNX17AD09G	43.012	Space Technology	177,585	
National Aeronautics and Space Administration	Direct		NNX16AM57H	43.012	Space Technology	79,015	
National Aeronautics and Space Administration	Pass-Through	University of Miami	NNX16AT48A	43.012	Space Technology	7,417	
						\$ 264,017	\$ -
						\$ 2,509,945	\$ 404,026
Total National Aeronautics and Space Administration							
National Endowment for the Humanities	Direct		HD-229071-15	45.RD		24,558	
National Endowment for the Humanities	Pass-Through	Texas A & M University	02-S150269	45.RD		2,012	
						\$ 26,570	\$ -
National Endowment for the Arts	Direct		NEAPS 1602	45.024	Promotion of the Arts_Grants to Organizations and Individuals	27,893	21,908
						\$ 27,893	\$ 21,908
National Endowment for the Humanities	Direct		HK-250720-16	45.169	Promotion of the Humanities_Office of Digital Humanities	117,698	
						\$ 117,698	\$ -

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Total National Endowment for the Humanities						\$ 172,161	\$ 21,908
National Science Foundation	Direct		CHE1506587	47.RD		121,499	
National Science Foundation	Direct		CNS1446304	47.RD		74,455	
National Science Foundation	Direct		CBET1605200	47.RD		91,532	11,013
National Science Foundation	Direct		1055502	47.RD		81,037	
National Science Foundation	Direct		1817594	47.RD		25,311	
National Science Foundation	Pass-Through	Columbia University	5-24879	47.RD		2,574	
National Science Foundation	Pass-Through	University of Illinois at Urbana-Champaign	11-07452	47.RD		6,474	
National Science Foundation	Pass-Through	University of Maryland College Park	Z379203	47.RD		290	
National Science Foundation	Pass-Through	University of Minnesota	UOM/NSF	47.RD		10,338	
National Science Foundation	Pass-Through	University of Wisconsin	DUE1231286/ 492K693	47.RD		(4,726)	
						<u>\$ 408,784</u>	<u>\$ 11,013</u>
National Science Foundation	Direct		IIP1817937	47.041	Engineering Grants	36,174	
National Science Foundation	Direct		IIP1829321	47.041	Engineering Grants	14,985	
National Science Foundation	Direct		IIP1834962	47.041	Engineering Grants	9,453	
National Science Foundation	Direct		ECCS1307368	47.041	Engineering Grants	2,509	
National Science Foundation	Direct		ECCS1508898	47.041	Engineering Grants	99,580	13,458
National Science Foundation	Direct		CMMI1300406	47.041	Engineering Grants	6,407	
National Science Foundation	Direct		CBET1437384	47.041	Engineering Grants	114,858	63,398
National Science Foundation	Direct		CBET1554623	47.041	Engineering Grants	18,419	
National Science Foundation	Direct		CBET1604426	47.041	Engineering Grants	104,481	
National Science Foundation	Direct		CMMI1634856	47.041	Engineering Grants	39,829	
National Science Foundation	Direct		CMMI1435115	47.041	Engineering Grants	39,479	
National Science Foundation	Direct		CBET1404823	47.041	Engineering Grants	52,109	
National Science Foundation	Direct		FAIN 1462575	47.041	Engineering Grants	84,354	
National Science Foundation	Direct		CMMI1563389	47.041	Engineering Grants	43,142	
National Science Foundation	Direct		CMMI1635717	47.041	Engineering Grants	20,171	
National Science Foundation	Direct		ECCS1055852	47.041	Engineering Grants	(14,290)	
National Science Foundation	Direct		CBET1264982	47.041	Engineering Grants	(227)	
National Science Foundation	Direct		ECCS1407777	47.041	Engineering Grants	74,257	
National Science Foundation	Direct		EECS1509740	47.041	Engineering Grants	127,763	
National Science Foundation	Direct		IIP1543098	47.041	Engineering Grants	26,364	
National Science Foundation	Direct		EEC1642895	47.041	Engineering Grants	177,898	
National Science Foundation	Direct		CBET1336455	47.041	Engineering Grants	(1,310)	
National Science Foundation	Direct		CBET1264462	47.041	Engineering Grants	9,511	7,317
National Science Foundation	Direct		ECCS1351334	47.041	Engineering Grants	112,284	
National Science Foundation	Direct		CBET1403456	47.041	Engineering Grants	22,544	
National Science Foundation	Direct		CMMI1400424	47.041	Engineering Grants	49,504	
National Science Foundation	Direct		CMMI1462866	47.041	Engineering Grants	88,876	
National Science Foundation	Direct		CMMI1537659	47.041	Engineering Grants	120,891	49,403
National Science Foundation	Direct		CBET1606005	47.041	Engineering Grants	102,931	
National Science Foundation	Direct		IIP1646269	47.041	Engineering Grants	6,832	
National Science Foundation	Direct		EEC1361025	47.041	Engineering Grants	11,473	
National Science Foundation	Direct		CBET1705048	47.041	Engineering Grants	29,955	
National Science Foundation	Direct		1435755	47.041	Engineering Grants	171,094	
National Science Foundation	Direct		CMMI1740900	47.041	Engineering Grants	143,954	
National Science Foundation	Direct		CBET1705714	47.041	Engineering Grants	104,806	4,619
National Science Foundation	Direct		CMMI1727863	47.041	Engineering Grants	49,317	
National Science Foundation	Direct		CMMI1734461	47.041	Engineering Grants	47,823	
National Science Foundation	Direct		CBET1706956	47.041	Engineering Grants	22,713	
National Science Foundation	Direct		IIP1735762	47.041	Engineering Grants	28,172	
National Science Foundation	Direct		CBET1706155	47.041	Engineering Grants	18,277	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		CMMI1744333	47.041	Engineering Grants	21,530	
National Science Foundation	Pass-Through	Georgia Institute of Technology	RJ378-G3	47.041	Engineering Grants	10,563	
National Science Foundation	Pass-Through	PATH	1721476	47.041	Engineering Grants	22,584	
National Science Foundation	Pass-Through	Rutgers, The State University of New Jersey	SUB#0020	47.041	Engineering Grants	4,343	
National Science Foundation	Pass-Through	Syndax Pharmaceuticals, Inc.	MOERAE IIP1622828	47.041	Engineering Grants	72,879	
						<u>\$</u>	<u>\$</u>
						2,349,261	138,195
National Science Foundation	Direct		DMS1800204	47.049	Mathematical and Physical Sciences	13,458	
National Science Foundation	Direct		1760991	47.049	Mathematical and Physical Sciences	8,134	
National Science Foundation	Direct		DMS1804586	47.049	Mathematical and Physical Sciences	4,407	
National Science Foundation	Direct		DMS1801125	47.049	Mathematical and Physical Sciences	12,258	
National Science Foundation	Direct		CHE1214104	47.049	Mathematical and Physical Sciences	1,885	
National Science Foundation	Direct		CHE1253105	47.049	Mathematical and Physical Sciences	78,833	
National Science Foundation	Direct		CHE1305874	47.049	Mathematical and Physical Sciences	112,922	
National Science Foundation	Direct		CHE1464864	47.049	Mathematical and Physical Sciences	139,938	
National Science Foundation	Direct		DMR1507505	47.049	Mathematical and Physical Sciences	167,438	13,445
National Science Foundation	Direct		CHE1464874	47.049	Mathematical and Physical Sciences	116,389	
National Science Foundation	Direct		CHE1460706	47.049	Mathematical and Physical Sciences	81,901	
National Science Foundation	Direct		CHE1610964	47.049	Mathematical and Physical Sciences	133,604	
National Science Foundation	Direct		DMS1265548	47.049	Mathematical and Physical Sciences	2,701	
National Science Foundation	Direct		DMS1322099	47.049	Mathematical and Physical Sciences	172,323	
National Science Foundation	Direct		DMS1309029	47.049	Mathematical and Physical Sciences	10,253	
National Science Foundation	Direct		DMS1362138	47.049	Mathematical and Physical Sciences	100,104	
National Science Foundation	Direct		DMS1418742	47.049	Mathematical and Physical Sciences	18,325	
National Science Foundation	Direct		DMS1500180	47.049	Mathematical and Physical Sciences	131,862	
National Science Foundation	Direct		DMS1500998	47.049	Mathematical and Physical Sciences	76,376	
National Science Foundation	Direct		DMS1521749	47.049	Mathematical and Physical Sciences	42,787	
National Science Foundation	Direct		DMS1516400	47.049	Mathematical and Physical Sciences	89,507	
National Science Foundation	Direct		DMS1500174	47.049	Mathematical and Physical Sciences	16,550	
National Science Foundation	Direct		DMS1600802	47.049	Mathematical and Physical Sciences	22,595	
National Science Foundation	Direct		DMS1612473	47.049	Mathematical and Physical Sciences	67,649	
National Science Foundation	Direct		DMS1665434	47.049	Mathematical and Physical Sciences	20,000	
National Science Foundation	Direct		DMS1700457	47.049	Mathematical and Physical Sciences	(20)	
National Science Foundation	Direct		DMR1056859	47.049	Mathematical and Physical Sciences	16,267	
National Science Foundation	Direct		AST1109612	47.049	Mathematical and Physical Sciences	7,746	
National Science Foundation	Direct		AST1151650	47.049	Mathematical and Physical Sciences	55,435	
National Science Foundation	Direct		PHY1314463	47.049	Mathematical and Physical Sciences	52,019	
National Science Foundation	Direct		DMR1508433	47.049	Mathematical and Physical Sciences	174,920	
National Science Foundation	Direct		PHY1506406	47.049	Mathematical and Physical Sciences	513,951	
National Science Foundation	Direct		DMS1562078	47.049	Mathematical and Physical Sciences	24,889	
National Science Foundation	Direct		PHY1560035	47.049	Mathematical and Physical Sciences	150,526	
National Science Foundation	Direct		DMR1549955	47.049	Mathematical and Physical Sciences	32,583	
National Science Foundation	Direct		DMR1560414	47.049	Mathematical and Physical Sciences	113,105	
National Science Foundation	Direct		DMR1207019	47.049	Mathematical and Physical Sciences	4,720	
National Science Foundation	Direct		DMR1309258	47.049	Mathematical and Physical Sciences	35,408	
National Science Foundation	Direct		IIS1548499	47.049	Mathematical and Physical Sciences	104,125	
National Science Foundation	Direct		DMR1349604	47.049	Mathematical and Physical Sciences	28,854	
National Science Foundation	Direct		DMR1506717	47.049	Mathematical and Physical Sciences	114,700	
National Science Foundation	Direct		DMR1308550	47.049	Mathematical and Physical Sciences	31,609	
National Science Foundation	Direct		DMR1610357	47.049	Mathematical and Physical Sciences	102,087	
National Science Foundation	Direct		DMS1707486	47.049	Mathematical and Physical Sciences	1,575	
National Science Foundation	Direct		DMS1711567	47.049	Mathematical and Physical Sciences	3,936	
National Science Foundation	Direct		DMS1707524	47.049	Mathematical and Physical Sciences	1,315	
National Science Foundation	Direct		DMS1711089	47.049	Mathematical and Physical Sciences	26,850	
National Science Foundation	Direct		DMS1710534	47.049	Mathematical and Physical Sciences	88,118	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Science Foundation	Direct		CHE1665327	47.049	Mathematical and Physical Sciences	83,528			
National Science Foundation	Direct		DMS1710970	47.049	Mathematical and Physical Sciences	59,160			
National Science Foundation	Direct		OMA1744440	47.049	Mathematical and Physical Sciences	106,870	19,054		
National Science Foundation	Direct		DMR1726533	47.049	Mathematical and Physical Sciences	208,311			
National Science Foundation	Direct		DMS1748644	47.049	Mathematical and Physical Sciences	22,728			
National Science Foundation	Direct		DMS1763942	47.049	Mathematical and Physical Sciences	6,731			
National Science Foundation	Direct		1700192	47.049	Mathematical and Physical Sciences	22,723			
National Science Foundation	Pass-Through	Princeton University	PRINCETON 00002027	47.049	Mathematical and Physical Sciences	7,457			
National Science Foundation	Pass-Through	University of Norte Dame	QUARKNET 2017	47.049	Mathematical and Physical Sciences	3,324			
						\$	3,847,749	\$	32,499
National Science Foundation	Direct		EAR1757545	47.050	Geosciences	10,413			
National Science Foundation	Direct		EAR1151337	47.050	Geosciences	53,502			
National Science Foundation	Direct		EAR1226076	47.050	Geosciences	(2,310)			
National Science Foundation	Direct		EAR1263310	47.050	Geosciences	5,639			
National Science Foundation	Direct		PLR1355654	47.050	Geosciences	51,273			
National Science Foundation	Direct		ICER1342946	47.050	Geosciences	12,697			
National Science Foundation	Direct		EAR1420831	47.050	Geosciences	26,972			
National Science Foundation	Direct		FAIN 1455198	47.050	Geosciences	116,880			
National Science Foundation	Direct		EAR1600766	47.050	Geosciences	11,252			
National Science Foundation	Direct		AGS1554998	47.050	Geosciences	81,388			
National Science Foundation	Direct		OCE1600319	47.050	Geosciences	247,961			
National Science Foundation	Direct		PLR1445169	47.050	Geosciences	22,749			
National Science Foundation	Direct		PLR1341428	47.050	Geosciences	55,266			
National Science Foundation	Direct		EAR1204685	47.050	Geosciences	460,814	109,133		
National Science Foundation	Direct		EAR1416964	47.050	Geosciences	263,998			
National Science Foundation	Direct		1053839	47.050	Geosciences	(1,060)			
						\$	1,417,434	\$	109,133
National Science Foundation	Direct		CCF1832312	47.070	Computer and Information Science and Engineering	15,749			
National Science Foundation	Direct		CNS1629811	47.070	Computer and Information Science and Engineering	48,295			
National Science Foundation	Direct		ACT1535150	47.070	Computer and Information Science and Engineering	167,398			
National Science Foundation	Direct		IIS1116988	47.070	Computer and Information Science and Engineering	(2,333)			
National Science Foundation	Direct		CNS1238959	47.070	Computer and Information Science and Engineering	320,418			
National Science Foundation	Direct		IIS1441542	47.070	Computer and Information Science and Engineering	244,668			
National Science Foundation	Direct		1452485	47.070	Computer and Information Science and Engineering	45,083			
National Science Foundation	Direct		CNS1528799	47.070	Computer and Information Science and Engineering	13,526			
National Science Foundation	Direct		CNS1531079	47.070	Computer and Information Science and Engineering	154,225			
National Science Foundation	Direct		CNS1545573	47.070	Computer and Information Science and Engineering	33,978			
National Science Foundation	Direct		IIS1526860	47.070	Computer and Information Science and Engineering	108,201			
National Science Foundation	Direct		CNS1521617	47.070	Computer and Information Science and Engineering	894,220	288,955		
National Science Foundation	Direct		IIS1526448	47.070	Computer and Information Science and Engineering	81,842			
National Science Foundation	Direct		CCF1521672	47.070	Computer and Information Science and Engineering	33,664			
National Science Foundation	Direct		CNS1622473	47.070	Computer and Information Science and Engineering	11,681			
National Science Foundation	Direct		CNS1552836	47.070	Computer and Information Science and Engineering	123,536			
National Science Foundation	Direct		CNS1641269	47.070	Computer and Information Science and Engineering	51,055			
National Science Foundation	Direct		CNS1640624	47.070	Computer and Information Science and Engineering	91,823			
National Science Foundation	Direct		CNS1629853	47.070	Computer and Information Science and Engineering	56,806			
National Science Foundation	Direct		CNS1644848	47.070	Computer and Information Science and Engineering	180,667			
National Science Foundation	Direct		CNS1649291	47.070	Computer and Information Science and Engineering	55,032			
National Science Foundation	Direct		CNS1647015	47.070	Computer and Information Science and Engineering	66,158			
National Science Foundation	Direct		CNS1713253	47.070	Computer and Information Science and Engineering	46,147			
National Science Foundation	Direct		CCF1719674	47.070	Computer and Information Science and Engineering	126,222			
National Science Foundation	Direct		IIS1054331	47.070	Computer and Information Science and Engineering	(285)			
National Science Foundation	Direct		CNS1239355	47.070	Computer and Information Science and Engineering	29,405			
National Science Foundation	Direct		IIS1327566	47.070	Computer and Information Science and Engineering	226,303	9,778		

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Science Foundation	Direct		IIS1647242	47.070	Computer and Information Science and Engineering	21,168	
National Science Foundation	Direct		IIS1623690	47.070	Computer and Information Science and Engineering	178,640	7,034
National Science Foundation	Direct		IIS1652372	47.070	Computer and Information Science and Engineering	80,642	47,374
National Science Foundation	Direct		IIS1623625	47.070	Computer and Information Science and Engineering	208,595	
National Science Foundation	Direct		IIS1727266	47.070	Computer and Information Science and Engineering	2,937	
National Science Foundation	Direct		CCF1736323	47.070	Computer and Information Science and Engineering	282,333	89,274
National Science Foundation	Direct		IIS1649972	47.070	Computer and Information Science and Engineering	46,423	
National Science Foundation	Direct		CNS1744561	47.070	Computer and Information Science and Engineering	75,217	
National Science Foundation	Direct		CNS1744334	47.070	Computer and Information Science and Engineering	150,160	
National Science Foundation	Direct		CNS1743523	47.070	Computer and Information Science and Engineering	266,559	
National Science Foundation	Direct		CNS1739328	47.070	Computer and Information Science and Engineering	44,800	
National Science Foundation	Direct		OAC1740151	47.070	Computer and Information Science and Engineering	44,948	
National Science Foundation	Pass-Through	Dartmouth College	SUB 1345 DARTMOUTH	47.070	Computer and Information Science and Engineering	140,835	
National Science Foundation	Pass-Through	New York University	NYU 1735909	47.070	Computer and Information Science and Engineering	66,604	
National Science Foundation	Pass-Through	The Learning Partnership	UNIV59809 1738572	47.070	Computer and Information Science and Engineering	19,026	
National Science Foundation	Pass-Through	Virginia Polytechnic Institute and State University	479589-19645	47.070	Computer and Information Science and Engineering	26,315	
National Science Foundation	Pass-Through	Vanderbilt University Medical Center	4224203003	47.070	Computer and Information Science and Engineering	(12,250)	
						\$ 4,866,436	\$ 442,415
National Science Foundation	Direct		DEB1753982	47.074	Biological Sciences	18,197	
National Science Foundation	Direct		DEB1046149	47.074	Biological Sciences	218	
National Science Foundation	Direct		IOS1257936	47.074	Biological Sciences	682	
National Science Foundation	Direct		DBI1450897	47.074	Biological Sciences	(4,605)	
National Science Foundation	Direct		DEB1442113	47.074	Biological Sciences	189,045	
National Science Foundation	Direct		1456778	47.074	Biological Sciences	185,405	
National Science Foundation	Direct		IOS1456472	47.074	Biological Sciences	106,344	
National Science Foundation	Direct		MCB1517695	47.074	Biological Sciences	186,385	
National Science Foundation	Direct		IOS-1456844	47.074	Biological Sciences	180,782	
National Science Foundation	Direct		MCB1330792	47.074	Biological Sciences	109,220	
National Science Foundation	Direct		NSF 1411482	47.074	Biological Sciences	386,793	
						\$ 1,358,466	\$ -
National Science Foundation	Direct		1756417	47.075	Social, Behavioral, and Economic Sciences	27,327	
National Science Foundation	Direct		BCS1753626	47.075	Social, Behavioral, and Economic Sciences	2,472	
National Science Foundation	Direct		BCS1420757	47.075	Social, Behavioral, and Economic Sciences	47,718	
National Science Foundation	Direct		SES1426811	47.075	Social, Behavioral, and Economic Sciences	88,441	
National Science Foundation	Direct		SES1700856	47.075	Social, Behavioral, and Economic Sciences	3,590	
National Science Foundation	Direct		BCS1534866	47.075	Social, Behavioral, and Economic Sciences	123,588	
National Science Foundation	Direct		BCS-1257098	47.075	Social, Behavioral, and Economic Sciences	51,162	
National Science Foundation	Direct		SES-1556325	47.075	Social, Behavioral, and Economic Sciences	146,229	
National Science Foundation	Direct		SMA-1640681	47.075	Social, Behavioral, and Economic Sciences	152,115	46,630
National Science Foundation	Direct		BCS-1558499	47.075	Social, Behavioral, and Economic Sciences	12,695	
National Science Foundation	Direct		BCS1560534	47.075	Social, Behavioral, and Economic Sciences	2,299	
National Science Foundation	Direct		BCS1556700	47.075	Social, Behavioral, and Economic Sciences	41,173	
National Science Foundation	Direct		BCS1557097	47.075	Social, Behavioral, and Economic Sciences	67,264	
National Science Foundation	Direct		BCS1744386	47.075	Social, Behavioral, and Economic Sciences	16,548	
National Science Foundation	Direct		BCS1730044	47.075	Social, Behavioral, and Economic Sciences	72,943	
National Science Foundation	Direct		BCS1651075	47.075	Social, Behavioral, and Economic Sciences	6,614	
National Science Foundation	Direct		1420721	47.075	Social, Behavioral, and Economic Sciences	620	
National Science Foundation	Pass-Through	University of Colorado Boulder	1555794 UCB	47.075	Social, Behavioral, and Economic Sciences	23,622	
						\$ 886,420	\$ 46,630
National Science Foundation	Direct		DUE1762158	47.076	Education and Human Resources	126,927	91,307
National Science Foundation	Direct		HRD1647196	47.076	Education and Human Resources	316,341	42,475
National Science Foundation	Direct		DUE1561676	47.076	Education and Human Resources	169,003	
National Science Foundation	Direct		DRL1640199	47.076	Education and Human Resources	959,588	544,210
National Science Foundation	Direct		HRD1649285	47.076	Education and Human Resources	1,134	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through	
National Science Foundation	Direct		DRL1119122	47.076	Education and Human Resources	71,003	53,831	
National Science Foundation	Direct		DRL1119290	47.076	Education and Human Resources	137,769		
National Science Foundation	Direct		DRL1316312	47.076	Education and Human Resources	309,540		
National Science Foundation	Direct		DMR1252380	47.076	Education and Human Resources	78,028	9,249	
National Science Foundation	Direct		DRL1420488	47.076	Education and Human Resources	37,499		
National Science Foundation	Direct		DUE1439866	47.076	Education and Human Resources	272,220	25,591	
National Science Foundation	Direct		DRL1535327	47.076	Education and Human Resources	128,862		
National Science Foundation	Direct		DRL1643313	47.076	Education and Human Resources	80,275		
National Science Foundation	Direct		DRL1620920	47.076	Education and Human Resources	406,368		
National Science Foundation	Direct		DRL1620863	47.076	Education and Human Resources	318,970		
National Science Foundation	Direct		DRL1561286	47.076	Education and Human Resources	168,805		
National Science Foundation	Direct		DGE1438331	47.076	Education and Human Resources	1,495		
National Science Foundation	Direct		DGE1445197	47.076	Education and Human Resources	1,907,667		
National Science Foundation	Direct		DRL1621088	47.076	Education and Human Resources	240,359		
National Science Foundation	Direct		DGE1652825	47.076	Education and Human Resources	48,401		
National Science Foundation	Direct		DRL1660816	47.076	Education and Human Resources	249,237		
National Science Foundation	Direct		DRL1742257	47.076	Education and Human Resources	173,541		
National Science Foundation	Direct		DUE1711712	47.076	Education and Human Resources	1,247		
National Science Foundation	Pass-Through	Michigan State University	RC103138VU	47.076	Education and Human Resources	35,601		
National Science Foundation	Pass-Through	New York University	F0394-02NYU	47.076	Education and Human Resources	41,093		
National Science Foundation	Pass-Through	Purdue University	4101-77570 PURDUE	47.076	Education and Human Resources	2,040		
National Science Foundation	Pass-Through	SRI International Corporation	SRI 1742195	47.076	Education and Human Resources	105,074		
National Science Foundation	Pass-Through	Tennessee State University	332.77-16.014	47.076	Education and Human Resources	50,320		
National Science Foundation	Pass-Through	Tennessee State University	HRD1305062 TSU	47.076	Education and Human Resources	56,643		
						\$ 6,495,050	\$ 766,663	
National Science Foundation	Direct		OISE1157751	47.079	Office of International Science and Engineering	104		
National Science Foundation	Direct		IIA1261117	47.079	Office of International Science and Engineering	16,056		
National Science Foundation	Direct		OISE1743772	47.079	Office of International Science and Engineering	123,815		
						\$ 139,975	\$ -	
National Science Foundation	Direct		OCI1047828	47.080	Office of Cyberinfrastructure	147,169		
						\$ 147,169	\$ -	
			Total National Science Foundation				\$ 21,916,744	\$ 1,546,548
Veterans Affairs	Direct		IPA - OLATUNJI	64.RD		45,838		
Veterans Affairs	Direct		IPA WRIISC	64.RD		32,884		
Veterans Affairs	Direct		4207274403	64.RD		491		
						\$ 79,213	\$ -	
			Total Veterans Affairs				\$ 79,213	\$ -
Environmental Protection Agency	Direct		83573601	66.509	Science To Achieve Results (STAR) Research Program	1,570,952	872,051	
						\$ 1,570,952	\$ 872,051	
Environmental Protection Agency	Direct		SU836777 EPA	66.516	P3 Award: National Student Design Competition for Sustainabilit	5,513		
						\$ 5,513	\$ -	
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	JACOBS EPATP-0000003	66.708	Pollution Prevention Grants Program	128,682		
Environmental Protection Agency	Pass-Through	Jacobs Technology Inc	JACOBS VU-001-RP	66.708	Pollution Prevention Grants Program	95,613		
						\$ 224,295	\$ -	
			Total Environmental Protection Agency				\$ 1,800,760	\$ 872,051
Nuclear Regulatory Commission	Direct		NRC-HQ-84-14-G-0044	77.008	U.S. Nuclear Regulatory Commission Scholarship and Fellowship	4,561		
						\$ 4,561	\$ -	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Total Nuclear Regulatory Commission						\$ 4,561	\$ -
US Department of Energy	Direct		PO DE-DT0011786-2017	81.RD		106,862	55,117
US Department of Energy	Direct		DE-FOA-0000995	81.RD		129,686	
US Department of Energy	Pass-Through	3M Company	USMMMMDG86C DE-EE0006	81.RD		(56,822)	
US Department of Energy	Pass-Through	Electric Power Research Institute	10007265 1-108953-01	81.RD		106,353	
US Department of Energy	Pass-Through	Fermi National Accelerator Laboratory	DOE/FERMILAB PO57987	81.RD		38	
US Department of Energy	Pass-Through	Fermi National Accelerator Laboratory	FNAL PO 631563	81.RD		29,839	
US Department of Energy	Pass-Through	Idaho National Laboratory	VU#2545 0014530	81.RD		95,099	
US Department of Energy	Pass-Through	Los Alamos Laboratories	4206394323	81.RD		474	
US Department of Energy	Pass-Through	Los Alamos Laboratories	LANL 468746	81.RD		142,155	4,911
US Department of Energy	Pass-Through	National Renewable Energy Laboratory	AGX-8-82010-01	81.RD		26,202	
US Department of Energy	Pass-Through	National Renewable Energy Laboratory	XHQ-8-82059-01	81.RD		16,897	
US Department of Energy	Pass-Through	Sandia National Laboratories	1873948	81.RD		3,379	
US Department of Energy	Pass-Through	Sandia National Laboratories	PO 1643376	81.RD		109,327	
US Department of Energy	Pass-Through	Sandia National Laboratories	PO 1388902	81.RD		350	
US Department of Energy	Pass-Through	Savannah River Remediation	SRRA110110	81.RD		158,120	
US Department of Energy	Pass-Through	The Babcock & Wilcox Company	4300100092 CNS LLC	81.RD		34,126	
US Department of Energy	Pass-Through	The Institute for Advanced Composites Manufactur	PA16-0349-3.2-01	81.RD		902,898	
US Department of Energy	Pass-Through	TVN Systems, Inc.	TVN-VU 1616	81.RD		393	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000182078	81.RD		7,850	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000136098	81.RD		20,979	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000152142 UT BATTEL	81.RD		14,167	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000101604	81.RD		19,424	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000150803	81.RD		524,707	
US Department of Energy	Pass-Through	UT-Battelle, LLC	UNIVE	81.RD		6,986	
US Department of Energy	Pass-Through	UT-Battelle, LLC	4000158449	81.RD		17,826	
US Department of Energy	Pass-Through	Vanderbilt University Medical Center	DE-NE0008267a	81.RD		(3,963)	
US Department of Energy Nuclear Energy	Direct		DE-NE0000646	81.RD		50,070	
US Department of Energy Nuclear Energy	Direct		DE-NE0008712	81.RD		196,005	14,856
US Department of Energy Nuclear Energy	Pass-Through	Electric Power Research Institute	10006360/1-108414-01	81.RD		(4,083)	
						<u>\$ 2,655,344</u>	<u>\$ 74,884</u>
US Department of Energy	Direct		DEF60588ER40407	81.049	Office of Science Financial Assistance Program	263,378	
US Department of Energy	Direct		ER46554	81.049	Office of Science Financial Assistance Program	546,204	
US Department of Energy	Direct		DEFG0592ER40712	81.049	Office of Science Financial Assistance Program	525,145	
US Department of Energy	Direct		DE-SC0005220	81.049	Office of Science Financial Assistance Program	498,370	
US Department of Energy	Direct		SC0011981	81.049	Office of Science Financial Assistance Program	80,306	
US Department of Energy	Direct		DE-SC0008118	81.049	Office of Science Financial Assistance Program	68,521	
US Department of Energy	Direct		DE-FC01-06EW07053	81.049	Office of Science Financial Assistance Program	2,986,947	1,415,973
US Department of Energy	Direct		ER45916	81.049	Office of Science Financial Assistance Program	(1,162)	
US Department of Energy	Pass-Through	J. Craig Venter Institute	JCVI-17-013	81.049	Office of Science Financial Assistance Program	25,392	
						<u>\$ 4,993,101</u>	<u>\$ 1,415,973</u>
US Department of Energy	Direct		DE-EE0007215	81.086	Conservation Research and Development	138,815	
						<u>\$ 138,815</u>	<u>\$ -</u>
US Department of Energy	Direct		DE-EE0007653	81.087	Renewable Energy Research and Development	804,340	534,296
						<u>\$ 804,340</u>	<u>\$ 534,296</u>
US Department of Energy Nuclear Energy	Direct		DE-NE0008267	81.121	Nuclear Energy Research, Development and Demonstration	355,709	337,171
US Department of Energy Nuclear Energy	Direct		DE-NE0000734	81.121	Nuclear Energy Research, Development and Demonstration	124,712	
US Department of Energy Nuclear Energy	Direct		DE-NE0000735	81.121	Nuclear Energy Research, Development and Demonstration	(5,826)	
						<u>\$ 474,595</u>	<u>\$ 337,171</u>
Advanced Research Project Agency - Energy	Direct		DE-AR000666	81.135	Advanced Research Projects Agency - Energy	1,081,121	357,276
						<u>\$ 1,081,121</u>	<u>\$ 357,276</u>
Total Department of Energy						<u>\$ 10,147,316</u>	<u>\$ 2,719,600</u>

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Education	Pass-Through	Brown University	R305E150005	84.RD		209,123	
US Department of Education	Pass-Through	Columbia University	COLUMBIA UNIV	84.RD		53,228	
US Department of Education	Pass-Through	Development Services Group	ED-IES-15-D-0003 DSG	84.RD		25,686	
US Department of Education	Pass-Through	Florida State University	FLORIDA STATE	84.RD		89,571	
US Department of Education	Pass-Through	Lehigh University	R324A160096	84.RD		91,804	
US Department of Education	Pass-Through	Metropolitan Government of Nashville & Davidisor 2-218740-26 METRO/ED		84.RD		100,438	
US Department of Education	Pass-Through	MT Department of Public Health & Human Service: 1702PROS0303		84.RD		56,073	
US Department of Education	Pass-Through	National Board for Professional Teaching Standard: NBPTS SUB		84.RD		54,985	
US Department of Education	Pass-Through	Salus University	H325H140002	84.RD		4,000	
US Department of Education	Pass-Through	Temple University	R305A150432	84.RD		138,253	
US Department of Education	Pass-Through	TN Department of Education	#52172 33136-00117	84.RD		141,652	9,472
US Department of Education	Pass-Through	TN Department of Education	GR-10-27642-00	84.RD		324,771	30,953
US Department of Education	Pass-Through	University of Florida	UNIV OF FLORIDA/ED	84.RD		1,437	
US Department of Education	Pass-Through	University of Iowa	R324A160076	84.RD		137,227	
US Department of Education	Pass-Through	University of Kansas	R324A120344	84.RD		134	
US Department of Education	Pass-Through	University of Nevada Las Vegas	R305A160100	84.RD		10,566	
US Department of Education	Pass-Through	University of Texas at Austin	R305F100013	84.RD		8,363	
US Department of Education	Pass-Through	University of Texas at Austin	R305A160026	84.RD		196,148	
US Department of Education	Pass-Through	Vanderbilt University Medical Center	H326T130030	84.RD		2,012	
US Department of Education	Pass-Through	Vanderbilt University Medical Center	BA: H325K130226-VERM	84.RD		11,852	
						\$ 1,657,323	\$ 40,425
US Department of Education	Direct		P015B140145	84.015	National Resource Centers Program for Foreign Language and Au	791,792	
US Department of Education	Direct		P015A140145	84.015	National Resource Centers Program for Foreign Language and Au	(336,601)	
						\$ 455,191	\$ -
US Department of Education	Pass-Through	TN Department of Human Services	34570-91018	84.126	Rehabilitation Services_Vocational Rehabilitation Grants to State	14,535	
						\$ 14,535	\$ -
US Department of Education	Pass-Through	TN Department of Education	33195-00117 ED#48116	84.181	Special Education-Grants for Infants and Families	308,555	
US Department of Education	Pass-Through	TN Dept of Education	4265005043	84.181	Special Education-Grants for Infants and Families	80	
						\$ 308,635	\$ -
US Department of Education	Direct		P200A140248	84.200	Graduate Assistance in Areas of National Need	167,586	
US Department of Education	Direct		P200A150173	84.200	Graduate Assistance in Areas of National Need	158,360	
						\$ 325,946	\$ -
US Department of Education	Direct		R305A150141	84.305	Education Research, Development and Dissemination	467,264	147,304
US Department of Education	Direct		R305A150396	84.305	Education Research, Development and Dissemination	297,627	39,572
US Department of Education	Direct		R305E150017	84.305	Education Research, Development and Dissemination	1,050,024	723,371
US Department of Education	Direct		R305A160132	84.305	Education Research, Development and Dissemination	251,536	
US Department of Education	Direct		R305C100023	84.305	Education Research, Development and Dissemination	43,972	37,744
US Department of Education	Direct		R305A150200	84.305	Education Research, Development and Dissemination	747,174	
US Department of Education	Direct		R305A140126	84.305	Education Research, Development and Dissemination	344,145	
US Department of Education	Direct		R305A150199	84.305	Education Research, Development and Dissemination	251,217	54,515
US Department of Education	Direct		R305A170203	84.305	Education Research, Development and Dissemination	361,597	71,600
US Department of Education	Direct		R305B170009	84.305	Education Research, Development and Dissemination	86,790	
US Department of Education	Pass-Through	Harvard University	1081475101679R305A17	84.305	Education Research, Development and Dissemination	27,443	
US Department of Education	Pass-Through	Stanford University	R305E130009	84.305	Education Research, Development and Dissemination	45,218	
						\$ 3,974,007	\$ 1,074,106
US Department of Education	Direct		R324A120178	84.324	Research in Special Education	59,163	
US Department of Education	Direct		R324D130003	84.324	Research in Special Education	2,501,756	6,532
US Department of Education	Direct		R324B130029	84.324	Research in Special Education	2,904	
US Department of Education	Direct		R324A150094	84.324	Research in Special Education	1,066,023	314,691
US Department of Education	Direct		R324A150269	84.324	Research in Special Education	382,242	226,833
US Department of Education	Direct		R324B160010	84.324	Research in Special Education	99,804	
US Department of Education	Direct		R324A160086	84.324	Research in Special Education	491,067	250,621
US Department of Education	Pass-Through	University of Florida	R324A150076	84.324	Research in Special Education	240,799	

Vanderbilt University  
 Schedule of Expenditures of Federal Awards  
 For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
US Department of Education	Pass-Through	University of Kansas	R324A170118	84.324	Research in Special Education	125,682	
US Department of Education	Pass-Through	University of Maryland College Park	R324A150181 U OF M	84.324	Research in Special Education	35,095	
US Department of Education	Pass-Through	Vanderbilt University Medical Center	VUMC/IES-R324A150029	84.324	Research in Special Education	2,799	
						\$ 5,007,334	\$ 798,677
US Department of Education	Direct		H325D120091	84.325	Special Education - Personnel Development to Improve Services	168,444	
US Department of Education	Direct		H325E120002	84.325	Special Education - Personnel Development to Improve Services	965,334	406,310
US Department of Education	Direct		H325K130214	84.325	Special Education - Personnel Development to Improve Services	248,762	
US Department of Education	Direct		H325D140077	84.325	Special Education - Personnel Development to Improve Services	262,000	
US Department of Education	Direct		H325D140073	84.325	Special Education - Personnel Development to Improve Services	238,579	
US Department of Education	Direct		H325K140201	84.325	Special Education - Personnel Development to Improve Services	281,497	
US Department of Education	Direct		H325K140110	84.325	Special Education - Personnel Development to Improve Services	219,677	
US Department of Education	Direct		H325K140212	84.325	Special Education - Personnel Development to Improve Services	212,646	
US Department of Education	Direct		H325K140308	84.325	Special Education - Personnel Development to Improve Services	379,397	
US Department of Education	Direct		H325H140001	84.325	Special Education - Personnel Development to Improve Services	1,523,693	957,922
US Department of Education	Direct		H325D100010	84.325	Special Education - Personnel Development to Improve Services	5,334	
US Department of Education	Direct		H325D100034	84.325	Special Education - Personnel Development to Improve Services	30,103	
US Department of Education	Direct		H325D140087	84.325	Special Education - Personnel Development to Improve Services	226,696	46,561
US Department of Education	Direct		H325D170005	84.325	Special Education - Personnel Development to Improve Services	40,290	
US Department of Education	Direct		H325D170004	84.325	Special Education - Personnel Development to Improve Services	52,578	
US Department of Education	Direct		H325E170001	84.325	Special Education - Personnel Development to Improve Services	272,235	
US Department of Education	Direct		H325K170014	84.325	Special Education - Personnel Development to Improve Services	63,215	
US Department of Education	Pass-Through	Salus University	H325H140002 2017-18	84.325	Special Education - Personnel Development to Improve Services	22,400	
						\$ 5,212,880	\$ 1,410,793
US Department of Education	Pass-Through	University of South Florida	H326B170003	84.326	Special Education_Technical Assistance and Dissemination to Im	69,839	
						\$ 69,839	\$ -
US Department of Education	Direct		T3652120136	84.365	English Language Acquisition State Grants	61,595	
US Department of Education	Pass-Through	University of Nebraska Lincoln	UNIV59418/24-1708-01	84.365	English Language Acquisition State Grants	18,055	
						\$ 79,650	\$ -
US Department of Education	Pass-Through	TN Higher Education Commission	33201-10117 5303/DOE	84.367	Supporting Effective Instruction State Grant (formerly Improving	4,610	
						\$ 4,610	\$ -
US Department of Education	Direct		P407A150058	84.407	Transition Programs for Students with Intellectual Disabilities int	487,668	49,737
						\$ 487,668	\$ 49,737
US Department of Education	Pass-Through	MT Department of Public Health & Human Service:	1802PROS0303(C49226)	84.419	Preschool Development Grants	43,822	
US Department of Education	Pass-Through	TN Department of Education	S419B150026/46104	84.419	Preschool Development Grants	446,927	
						\$ 490,749	\$ -
						\$ 18,088,367	\$ 3,373,738
			Total Department of Education				
Administration for Children and Families	Pass-Through	Vanderbilt University Medical Center	BA: STTN 35910-10211	93.RD		13,507	
Administration for Children and Families	Pass-Through	Vanderbilt University Medical Center	90DD0807-03-00	93.RD		49,461	
Agency for Healthcare Research and Quality	Pass-Through	Vanderbilt University Medical Center	5 K12 HS22990-02	93.RD		15,788	
Centers for Disease Control	Direct		200-2016-M-90375	93.RD		(428)	
Centers for Disease Control	Pass-Through	University of Louisville	5 U01 CE002711-02	93.RD		74,362	
Centers for Disease Control	Pass-Through	University of Louisville	ULRF 15-1357-03	93.RD		22,807	
Centers for Disease Control	Pass-Through	Vanderbilt University Medical Center	BA: GR-16-47952-00	93.RD		(152)	
Food and Drug Administration	Pass-Through	Oak Ridge Associated Universities	22163013S	93.RD		9,102	
Health Resources and Services Administration	Direct		WORD GAP CHALLENGE	93.RD		9,579	
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	5 T73 MC00050-17	93.RD		3,726	
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	1 U10 HA29297-01	93.RD		8,716	
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	BA: 1 U10 HA29297-01	93.RD		4,180	
Health Resources and Services Administration	Pass-Through	Vanderbilt University Medical Center	VUMC 61470 AM 1	93.RD		41,956	
Indian Health Service	Pass-Through	United South And Eastern Tribes, Inc.	U261 HIS 0078-003-00	93.RD		11,315	
National Institutes of Health	Direct		1 U54 CA217450-01A1	93.RD		145,244	
National Institutes of Health	Direct		1R01HL144131	93.RD		43,027	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		2T32HD007502-21	93.RD		19,357	
National Institutes of Health	Direct		4R37NS031373-24	93.RD		35,642	
National Institutes of Health	Direct		HHSN271201400118C	93.RD		81,181	
National Institutes of Health	Direct		5R25HL118679	93.RD		32,301	
National Institutes of Health	Direct		1 F31 CA192748-01	93.RD		2,649	
National Institutes of Health	Direct		1R01AG051626-01	93.RD		506,295	
National Institutes of Health	Direct		1 F31 MH106291-01A1	93.RD		29,208	
National Institutes of Health	Direct		1 F3 OD040343-01A1	93.RD		45,048	
National Institutes of Health	Direct		1 F31 MH111103-01	93.RD		28,394	
National Institutes of Health	Direct		4P50MH096972-05	93.RD		446,683	224,172
National Institutes of Health	Direct		1 F31 MH109196-01	93.RD		20,162	
National Institutes of Health	Direct		1F31DK109594-01	93.RD		28,213	
National Institutes of Health	Direct		1F31HL132526-01	93.RD		26,108	
National Institutes of Health	Direct		7R01 DK 111831	93.RD		633,727	195,083
National Institutes of Health	Direct		1R01CA206458-01	93.RD		456,060	148,663
National Institutes of Health	Direct		1 R01 MH107399-01	93.RD		588,420	256,621
National Institutes of Health	Direct		1F30HL131179-02	93.RD		18,685	
National Institutes of Health	Direct		1F30127962-01/04	93.RD		42,151	
National Institutes of Health	Direct		1R21NS094738-01A1	93.RD		185,400	
National Institutes of Health	Direct		1F31DK108444-01A1	93.RD		31,127	
National Institutes of Health	Direct		GRANT12186579	93.RD		1,022,091	
National Institutes of Health	Direct		7R01MH104158-04	93.RD		246,248	
National Institutes of Health	Direct		7R01MH107254	93.RD		196,515	
National Institutes of Health	Direct		1K99DA042129-01	93.RD		88,990	
National Institutes of Health	Direct		1R01MH113543-01	93.RD		368,490	
National Institutes of Health	Direct		2R01GM106720	93.RD		275,985	
National Institutes of Health	Direct		DK050203	93.RD		292,584	74,629
National Institutes of Health	Direct		1U01CA215845-01	93.RD		564,720	
National Institutes of Health	Direct		1R01HL133923	93.RD		514,077	
National Institutes of Health	Direct		AI35937	93.RD		140,737	
National Institutes of Health	Direct		1F31AI129357-01	93.RD		24,174	
National Institutes of Health	Direct		1R01GM126363-01	93.RD		63,663	
National Institutes of Health	Direct		1K01MH112983	93.RD		80,285	
National Institutes of Health	Direct		1R01DK018243-43	93.RD		376,493	
National Institutes of Health	Direct		7R01 DK097361	93.RD		89,188	
National Institutes of Health	Direct		RMH073676B	93.RD		3,053	
National Institutes of Health	Direct		RGM120572A	93.RD		33,851	
National Institutes of Health	Direct		SOD021734A	93.RD		335,409	
National Institutes of Health	Pass-Through	Abt Associates, Inc.	HHSP233201500069I	93.RD		18,896	
National Institutes of Health	Pass-Through	Abt Associates, Inc.	ABT NO. 47755	93.RD		3,145	
National Institutes of Health	Pass-Through	Abt Associates, Inc.	ABT 48028	93.RD		9,621	
National Institutes of Health	Pass-Through	Allegheny-Singer Research Institute	49801909(R21TR001728	93.RD		58,897	
National Institutes of Health	Pass-Through	Augusta University	UNIVh	93.RD		78,461	6,094
National Institutes of Health	Pass-Through	Bioventures, Inc.	R24HG009470-01A1	93.RD		307,535	
National Institutes of Health	Pass-Through	Brigham and Women's Hospital	UNIV59552(U24DK07616	93.RD		3,362	
National Institutes of Health	Pass-Through	Case Western Reserve University	OT2OD025307-01	93.RD		12,719	
National Institutes of Health	Pass-Through	CFD Research Corporation	CFDRC Project No. 9293	93.RD		89,331	
National Institutes of Health	Pass-Through	CFD Research Corporation	KVUE8082 HHSN2712060	93.RD		(379)	
National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	R56AI138489	93.RD		16,352	
National Institutes of Health	Pass-Through	Emory University	UNIV/EMORY	93.RD		79,569	
National Institutes of Health	Pass-Through	Georgia Health Sciences University	SU24DK076169-25034-7	93.RD		25,356	
National Institutes of Health	Pass-Through	Gramercy Research Group, LLC	VUMC 58775 PTN	93.RD		(22,244)	
National Institutes of Health	Pass-Through	Harvard University	UNIV56782	93.RD		135,465	
National Institutes of Health	Pass-Through	Lawrence Berkley National Laboratory	2P01CA092584-16	93.RD		34,038	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	HHSN261200800001E	93.RD		596,092	
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	29XS129 TO# 27	93.RD		(11)	
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	16X117 MSA MODIFICAT	93.RD		751,807	
National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	WDR5-MLL NX002-162	93.RD		2,206,771	
National Institutes of Health	Pass-Through	Louisiana State University	LSU 1R41MD010304-01A	93.RD		8,023	
National Institutes of Health	Pass-Through	Massachusetts General Hospital	1R34AT007837-171470	93.RD		1,182	
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	MIT5710004251	93.RD		125	
National Institutes of Health	Pass-Through	Medical College of Wisconsin	MEDICAL COL OF WISCO	93.RD		32,107	
National Institutes of Health	Pass-Through	Middle Tennessee Research Institute	2014092	93.RD		1,448	
National Institutes of Health	Pass-Through	Northern California Institute for Research and Educ	2 R01 GM61606-13A1	93.RD		(3,541)	
National Institutes of Health	Pass-Through	Northern California Institute for Research and Educ	NORTH CA-061606--155	93.RD		108,158	
National Institutes of Health	Pass-Through	Northern California Institute for Research and Educ	NORTH CA-061606-1551	93.RD		22,251	
National Institutes of Health	Pass-Through	Northwestern University	4K12HD073945	93.RD		67,613	
National Institutes of Health	Pass-Through	Northwestern University	5 R01 HL122010-02	93.RD		162,560	
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	5 R01 AI120748-02	93.RD		13,250	
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	UNIV44107	93.RD		51,703	
National Institutes of Health	Pass-Through	Science Applications International Corporation	BOA 29XS129 TO08	93.RD		(296)	
National Institutes of Health	Pass-Through	Science Applications International Corporation	SAIC BOA 29XS129	93.RD		20,322	
National Institutes of Health	Pass-Through	Silver Lake Research Corporation	VUMC 1R43	93.RD		13,687	
National Institutes of Health	Pass-Through	Stanford University	UNIV 1R01GM113195-01	93.RD		29,949	
National Institutes of Health	Pass-Through	Stanford University	DK10261202	93.RD		102,912	
National Institutes of Health	Pass-Through	Tennessee State University	R25NS091004/TSU	93.RD		6,210	
National Institutes of Health	Pass-Through	University of Arizona	1 R01 CA174926-01A	93.RD		19,687	
National Institutes of Health	Pass-Through	University of California San Francisco	UNIV OF CAL-SF 88855	93.RD		66,007	
National Institutes of Health	Pass-Through	University of California San Francisco	R01 AI106987	93.RD		97,193	
National Institutes of Health	Pass-Through	University of California San Francisco	UNIVc	93.RD		18,326	
National Institutes of Health	Pass-Through	University of California Santa Barbara	DK101068	93.RD		129,401	80
National Institutes of Health	Pass-Through	University of Chicago	THE MEMBRANE PROTEIN	93.RD		312,797	
National Institutes of Health	Pass-Through	University of Hawaii	UNIV OF HAWAII/NIH	93.RD		58,899	
National Institutes of Health	Pass-Through	University of Maryland College Park	1R01DC015798 U OF MD	93.RD		7,199	
National Institutes of Health	Pass-Through	University of Michigan	UNIV OF MICHIGAN	93.RD		11,612	
National Institutes of Health	Pass-Through	University of Mississippi Medical Center	NIH/UMM	93.RD		(2,373)	
National Institutes of Health	Pass-Through	University of Mississippi Medical Center	HBCU PRIDE - UNIV MS	93.RD		40,527	
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	UNIVj	93.RD		81,035	
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	1R01ES028269-01A1	93.RD		29,420	
National Institutes of Health	Pass-Through	University of Pennsylvania	DE024982	93.RD		107,845	
National Institutes of Health	Pass-Through	University of Pittsburgh	UNIV OF PITTS-004640	93.RD		96,630	
National Institutes of Health	Pass-Through	University of Pittsburgh	1 R01 HG07358-01A1	93.RD		20,289	
National Institutes of Health	Pass-Through	University of Pittsburgh	HL135144-UNIV OF PIT	93.RD		57,455	
National Institutes of Health	Pass-Through	University of Tennessee Knoxville	1 R15 CA182850-01A1	93.RD		5,025	
National Institutes of Health	Pass-Through	University of Texas at Austin	7U01CA174706-TEXAS	93.RD		159,429	
National Institutes of Health	Pass-Through	University of Texas MD Anderson Cancer Center	HHSN26120120034102	93.RD		10,210	
National Institutes of Health	Pass-Through	University of Washington	TR000504-UNIV OF WAS	93.RD		(1,218)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: Bethune	93.RD		1,827	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5P01HL116263-05	93.RD		50,890	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 EY23397-03	93.RD		3,610	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	U19AI117905 VUMC5982	93.RD		(1,552)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1R41HD088138-01	93.RD		(3,800)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4KL2TR000446-10	93.RD		74,799	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 P30 AI110527-01A1	93.RD		(9,344)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 5 KL2 TR00446-09	93.RD		(3,359)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HHSN272201400024C	93.RD		12,863	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1U01EY027265-01	93.RD		135,827	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: T32ES007038	93.RD		3,939	

Vanderbilt University  
 Schedule of Expenditures of Federal Awards  
 For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R21 MH109225-01	93.RD		(11,585)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	RO1 HL095797	93.RD		7,130	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 CA177681	93.RD		7,363	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 NS93669-01A1	93.RD		62,246	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U54 HD83211-01A1	93.RD		(2,884)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	9 R42 MH100007-03	93.RD		(4,555)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U01 CA196405-01	93.RD		(2,884)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 MH102266-01A1	93.RD		14,331	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 NS75270-03	93.RD		1,541	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HL122847-01A1	93.RD		5,080	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 P30 CA68485-19	93.RD		(5,196)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 AR63157-01	93.RD		5,075	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 EB17767-03	93.RD		7,366	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R21 EB19509-01A1	93.RD		1,647	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HD81121-01	93.RD		83,809	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL118392-03a	93.RD		2,211	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 NS93669-01A1a	93.RD		20,085	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R34 MH104428	93.RD		3,968	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 P30AI110527-01A1a	93.RD		8,420	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	7 R01 DC0011755-06	93.RD		20,886	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HD76983-02	93.RD		32,330	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U24 TR001579-01	93.RD		9,697	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HL126492-01	93.RD		4,843	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01AG43471-04	93.RD		(38)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6K12HL109019-06	93.RD		2,868	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 5D43TW0945-03	93.RD		11,500	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 5R25LM011174-05	93.RD		(1,500)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	MH111877-VUMC/VU 603	93.RD		80,034	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: HHSN272201400024	93.RD		21,875	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1 UC4 DK104211-0	93.RD		2,746	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U54 HD83211-01A1a	93.RD		(4,536)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R21 MH109225-01a	93.RD		57,188	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 P30 CA68485-20	93.RD		(76,827)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV 58928	93.RD		13,555	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 P01 CA116087-09	93.RD		67,078	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 DK58404-14	93.RD		6,312	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R24 DK103067-04	93.RD		105,532	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R24 DK106755-01	93.RD		(4,716)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 GM108807	93.RD		1,295	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 R01 AI101171-05	93.RD		87,903	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P50 CA95103-14	93.RD		1,728	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P50 CA098131-13	93.RD		(37,613)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK97332-01	93.RD		154	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DK106755-VUMC 60122	93.RD		85,523	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	MH107435-VUMC	93.RD		30,916	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMC	93.RD		25,776	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK109102-01	93.RD		9,027	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DK106755-01/VUMC	93.RD		68,843	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 CA188214-01:02	93.RD		14,439	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HL122417-01A1	93.RD		3,610	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P01 HL108800	93.RD		(43)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL111259-05	93.RD		15,128	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 MH100096-03	93.RD		808	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1 U19 AI117905-0	93.RD		1,947	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 AI39657-16A1	93.RD		5,217	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 R01 AI118932-02	93.RD		30,090	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL37675-24	93.RD		7,360	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV	93.RD		21,734	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01HL127173-02	93.RD		(5,152)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01CA200999-02	93.RD		(1)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19 CA179514-03a	93.RD		59,151	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 4R01CA163772-04	93.RD		(228)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA:HHSN272201400024	93.RD		12,317	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA163072-VUMC	93.RD		16,122	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6P01HL116263-03a	93.RD		(1,561)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01CA174853-04	93.RD		1,561	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA068485-21S1-VUMC	93.RD		38,305	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA068485-21S3-VUMC	93.RD		273,417	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HL137166-VUMC 60817	93.RD		19,610	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 U01 CA196405-01a	93.RD		45,199	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R25 CA160056-04	93.RD		415	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	EY020496-VUMC	93.RD		(15,606)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	DDRC	93.RD		(1,111)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 CA206563-01	93.RD		6,046	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58606 VUMC59745	93.RD		16,583	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 1 R01 CA190612-0	93.RD		1,046	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R21 CA201856-01	93.RD		26,941	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4 R01 HL39006-27	93.RD		6,772	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P01 HL116263-03	93.RD		(1,343)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P01 HL116263-03a	93.RD		(300)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: JENNIFER KIM SBA	93.RD		15,229	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: KANAH LEWALLEN S	93.RD		13,488	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	PMI COHORT PROGRAM P	93.RD		3,189	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BREATHING INTERVENTI	93.RD		2,551	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 DK100694-02	93.RD		3,189	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HD59794-08	93.RD		1,594	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK103935-01A1	93.RD		6,377	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 NR15079-02a	93.RD		3,610	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U54MD010722-01 VUMC	93.RD		(389)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 UL1 TR000445-11	93.RD		(6,627)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 EY08126-29	93.RD		(314)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 3U01GH007674-04	93.RD		25,146	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	MH111877-VUMC60364	93.RD		11,246	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC61803 NIHA112419	93.RD		1,949	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV	93.RD		18,305	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58846	93.RD		(3,967)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVb	93.RD		122,722	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV	93.RD		496	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC/VU CA202981	93.RD		27,526	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	AI124456-VUMC	93.RD		28,579	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VANDERBILT DIABETES-	93.RD		316,998	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMCa	93.RD		17,062	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA:SELENIUM IN GASTR	93.RD		3,227	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMCb	93.RD		44,218	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HL133127-VUMC	93.RD		17,388	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	AI095755- VUMC 61671	93.RD		13,513	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIVb	93.RD		2,659	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P01 HL116263-04	93.RD		247,619	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV59281/VUMC61130	93.RD			7,429		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	P30AI110527 VUMC	93.RD			46,898		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5R01HL122847-04	93.RD			3,047		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 1R01HL1274	93.RD			4,789		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HD083211 VUMC59370a	93.RD			266,610		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58822	93.RD			258,100		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58423	93.RD			14,636		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01CA190428-02a	93.RD			583		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	AI110527	93.RD			74,770		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	NHLBI/VUMC K12HL1331	93.RD			32,395		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	TR002243 VUMC 59661	93.RD			89,064		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	U19AI117905 VUMC6003	93.RD			199,034		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA:UNIV59805	93.RD			16,636		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: Univ 59643	93.RD			2,341		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01GM120484 VMC62142	93.RD			4,191		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV SMITH	93.RD			30,117		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV MALABANAN	93.RD			16,675		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01 MH113362-01 VUMC	93.RD			46,098		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19CA179514-03	93.RD			89,876		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA163072VUMC	93.RD			25,842		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CA068485-21S1VUMC	93.RD			17,557		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HHSN272201700071VMC	93.RD			8,335		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	CENTER OF EXCELLENCE	93.RD			123,146		
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	AI101171	93.RD			49,111		
National Institutes of Health	Pass-Through	Virginia Commonwealth University	VU	93.RD			121,937		
National Institutes of Health	Pass-Through	Yale University	1 R01 AG050969-01A1	93.RD			48,163		
National Institutes of Health	Pass-Through	Yale University	UNIVm	93.RD			269,936		
National Institutes of Health	Pass-Through	ZERO TO THREE	201709281N	93.RD			283,940		
National Science Foundation	Pass-Through	College of William and Mary	WILLIAM&MARY	93.RD			14,106		
National Science Foundation	Pass-Through	Northwestern University	NORTHWESTERN	93.RD			15,288		
National Science Foundation	Pass-Through	University of California San Diego	PO 10321072	93.RD			36,259		
Substance Abuse and Mental Health Services Adr	Pass-Through	Development Services Group	DSG/SAMHSA NREPP	93.RD			18,849		
Substance Abuse and Mental Health Services Adr	Pass-Through	Meharry Medical College	1 U79 T1025396-01	93.RD			4,708		
Substance Abuse and Mental Health Services Adr	Pass-Through	TN Department of Mental Health & Substance Abu	EDISON#50431 ST OF T	93.RD			8,492		
Substance Abuse and Mental Health Services Adr	Pass-Through	TN Department of Mental Health & Substance Abu	EDISON 54962 ST OF T	93.RD			1,265		
						\$	19,669,921	\$	905,342
Health Resources and Services Administration	Direct		5 R40MC27707-03-00	93.110	Maternal and Child Health Federal Consolidated Programs		90,993		
						\$	90,993	\$	-
National Institutes of Health	Direct		1F31ES028084	93.113	Environmental Health		4,917		
National Institutes of Health	Direct		1R01ES024133-01A1	93.113	Environmental Health		298,619	71,998	
National Institutes of Health	Direct		2 R01 ES010546-16	93.113	Environmental Health		265,997		
National Institutes of Health	Direct		1 R01 ES026955-01A1	93.113	Environmental Health		341,697		
National Institutes of Health	Direct		5T32ES007028-43	93.113	Environmental Health		687,947	15,319	
National Institutes of Health	Direct		FES027332A	93.113	Environmental Health		8,357		
National Institutes of Health	Direct		PES000267J	93.113	Environmental Health		(1,068)		
National Institutes of Health	Direct		PES000267J	93.113	Environmental Health		8		
National Institutes of Health	Direct		PES000267J	93.113	Environmental Health		(927)		
National Institutes of Health	Pass-Through	Arizona State University	ES026845-02	93.113	Environmental Health		12,056		
National Institutes of Health	Pass-Through	University of California Santa Cruz	4204511033	93.113	Environmental Health		(3,413)		
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	UNC CHAPEL HILL/NIH	93.113	Environmental Health		(422)		
						\$	1,613,768	\$	87,317
National Institutes of Health	Direct		5 R01 DE024982-02	93.121	Oral Diseases and Disorders Research		381,826	104,674	
National Institutes of Health	Direct		FDE021619A	93.121	Oral Diseases and Disorders Research		(27)		
National Institutes of Health	Direct		FDE025477A	93.121	Oral Diseases and Disorders Research		78		

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
Health Resources and Services Administration	Direct		H33MC06841-11-00	93.127	Emergency Medical Services for Children	\$ 381,877	\$ 104,674
Health Resources and Services Administration	Direct		H33MC06841C	93.127	Emergency Medical Services for Children	12,703	
						(52)	
						\$ 12,651	\$ -
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: VUMC61905	93.145	HIV-Related Training and Technical Assistance	1,430	
						\$ 1,430	\$ -
National Institutes of Health	Direct		4R01HG006857-04	93.172	Human Genome Research	162,007	23,974
National Institutes of Health	Direct		1U01HG009086-01	93.172	Human Genome Research	781,883	441,344
National Institutes of Health	Direct		RHG008055A	93.172	Human Genome Research	(161)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 60003	93.172	Human Genome Research	913	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 60003 UNIV58670	93.172	Human Genome Research	240,134	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 HG086844-04	93.172	Human Genome Research	(3,950)	
						\$ 1,180,826	\$ 465,318
National Institutes of Health	Direct		7R01DC013274	93.173	Research Related to Deafness and Communication Disorders	388,713	321,963
National Institutes of Health	Direct		1R01DC014462	93.173	Research Related to Deafness and Communication Disorders	628,930	275,885
National Institutes of Health	Direct		1R01DC014037-YR1-5	93.173	Research Related to Deafness and Communication Disorders	460,043	272,499
National Institutes of Health	Direct		1R01 DC012593-01A1	93.173	Research Related to Deafness and Communication Disorders	2,324	
National Institutes of Health	Direct		4R01 DC012593 YR 04	93.173	Research Related to Deafness and Communication Disorders	46,331	1,030
National Institutes of Health	Direct		1 R21 DC015850-01	93.173	Research Related to Deafness and Communication Disorders	208,069	
National Institutes of Health	Direct		5 R01 DC013767-03	93.173	Research Related to Deafness and Communication Disorders	780,522	270,041
National Institutes of Health	Direct		2 R56 DC000523-20A1	93.173	Research Related to Deafness and Communication Disorders	18,048	
National Institutes of Health	Direct		1F31DC015956-01	93.173	Research Related to Deafness and Communication Disorders	28,155	
National Institutes of Health	Direct		R21DC016153	93.173	Research Related to Deafness and Communication Disorders	33,959	11,027
National Institutes of Health	Direct		FDC011989A	93.173	Research Related to Deafness and Communication Disorders	(528)	
National Institutes of Health	Pass-Through	University of Utah	DC013168	93.173	Research Related to Deafness and Communication Disorders	49,715	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64194	93.173	Research Related to Deafness and Communication Disorders	49,878	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC64813	93.173	Research Related to Deafness and Communication Disorders	633	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC	93.173	Research Related to Deafness and Communication Disorders	1,525	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 DC08408-05A1	93.173	Research Related to Deafness and Communication Disorders	34,526	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 DC08408-05A1a	93.173	Research Related to Deafness and Communication Disorders	60,209	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: WALTER LEE	93.173	Research Related to Deafness and Communication Disorders	1,606	
						\$ 2,792,658	\$ 1,152,445
National Institutes of Health	Direct		4 R01 AT06896-04/05	93.213	Research and Training in Complementary and Integrative Health	337,223	
National Institutes of Health	Direct		4R01AT007830-04	93.213	Research and Training in Complementary and Integrative Health	208,136	44,161
						\$ 545,359	\$ 44,161
National Institutes of Health	Direct		1 K08 HS024733-01A1	93.226	Research on Healthcare Costs, Quality and Outcomes	123,980	
National Institutes of Health	Direct		1K01HS025486	93.226	Research on Healthcare Costs, Quality and Outcomes	147,454	
Agency for Healthcare Research and Quality	Pass-Through	University of Pittsburgh	UNIVOPITTS/0041893	93.226	Research on Healthcare Costs, Quality and Outcomes	17,665	
						\$ 289,099	\$ -
National Institutes of Health	Direct		1F31MH115669	93.242	Mental Health Research Grants	4,807	
National Institutes of Health	Direct		1R21MH116150-01	93.242	Mental Health Research Grants	7,903	
National Institutes of Health	Direct		F30MH115535	93.242	Mental Health Research Grants	10,546	
National Institutes of Health	Direct		R01MH108562-01A1	93.242	Mental Health Research Grants	479,290	92,752
National Institutes of Health	Direct		2R01MH084989-03A1-07	93.242	Mental Health Research Grants	(1,078)	
National Institutes of Health	Direct		1R01MH096832-01A1	93.242	Mental Health Research Grants	(208,634)	
National Institutes of Health	Direct		4R01MH096832-05	93.242	Mental Health Research Grants	397,824	
National Institutes of Health	Direct		1R01MH098098-01	93.242	Mental Health Research Grants	86,079	66,546
National Institutes of Health	Direct		2R01MH055806-16A1	93.242	Mental Health Research Grants	(13,980)	
National Institutes of Health	Direct		4R00MH093567-03	93.242	Mental Health Research Grants	48,074	
National Institutes of Health	Direct		1R21MH106748-01A1	93.242	Mental Health Research Grants	309,623	8,938
National Institutes of Health	Direct		1R01MH110378-01A1	93.242	Mental Health Research Grants	391,035	
National Institutes of Health	Direct		4R01MH055806-20	93.242	Mental Health Research Grants	230,351	
National Institutes of Health	Direct		1R01MH091102-01/05	93.242	Mental Health Research Grants	46,960	24,188
National Institutes of Health	Direct		4R33MH103518-03	93.242	Mental Health Research Grants	256,986	57,536

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1 F31 MH108241-01A1	93.242	Mental Health Research Grants	29,536	
National Institutes of Health	Direct		R01 MH100258-01A1	93.242	Mental Health Research Grants	385,896	
National Institutes of Health	Direct		1R01MH077697-01A2	93.242	Mental Health Research Grants	1,085	
National Institutes of Health	Direct		5T32MH065215-15	93.242	Mental Health Research Grants	209,793	
National Institutes of Health	Direct		1R01MH108498-01/02	93.242	Mental Health Research Grants	473,086	
National Institutes of Health	Direct		1 R21 MH102548-01A1	93.242	Mental Health Research Grants	1,050	
National Institutes of Health	Direct		5 R01 MH073676 -11	93.242	Mental Health Research Grants	428,571	
National Institutes of Health	Direct		1F32MH111124-01	93.242	Mental Health Research Grants	55,286	
National Institutes of Health	Direct		2R01MH062646-17-21	93.242	Mental Health Research Grants	518,323	
National Institutes of Health	Direct		4R01 MH082867-YR 9-1	93.242	Mental Health Research Grants	340,088	
National Institutes of Health	Direct		1 K01 MH107765-01	93.242	Mental Health Research Grants	147,029	
National Institutes of Health	Direct		5 R21 MH103950-02	93.242	Mental Health Research Grants	3,236	
National Institutes of Health	Direct		1 R01 MH105094-01	93.242	Mental Health Research Grants	(7,086)	
National Institutes of Health	Direct		1 F31 MH108281-01	93.242	Mental Health Research Grants	145	
National Institutes of Health	Direct		5 T32 MH018921-28 YR	93.242	Mental Health Research Grants	288,678	
National Institutes of Health	Direct		T32MH064913-15	93.242	Mental Health Research Grants	230,794	
National Institutes of Health	Direct		5 U01 MH87965-05	93.242	Mental Health Research Grants	18,406	
National Institutes of Health	Direct		1 U19 MH106839-01	93.242	Mental Health Research Grants	1,460,534	
National Institutes of Health	Direct		2R01MH084989-08-A1	93.242	Mental Health Research Grants	398,073	
National Institutes of Health	Direct		1R21MH112866-01	93.242	Mental Health Research Grants	166,681	
National Institutes of Health	Direct		1R21MH111548-01	93.242	Mental Health Research Grants	147,793	44,512
National Institutes of Health	Direct		1F32MH113266-01	93.242	Mental Health Research Grants	59,045	
National Institutes of Health	Direct		1F31MH114363-01/02	93.242	Mental Health Research Grants	24,152	
National Institutes of Health	Direct		1F31MH111144-01A1	93.242	Mental Health Research Grants	27,307	
National Institutes of Health	Direct		1F31MH112336-01A1	93.242	Mental Health Research Grants	10,382	
National Institutes of Health	Direct		1F31MH114368-01/03	93.242	Mental Health Research Grants	26,601	
National Institutes of Health	Direct		1F31MH114316-01	93.242	Mental Health Research Grants	13,977	
National Institutes of Health	Direct		1F31MH113271 Yr 1-3	93.242	Mental Health Research Grants	5,638	
National Institutes of Health	Direct		1F31MH113259	93.242	Mental Health Research Grants	22,338	
National Institutes of Health	Direct		RMH093903A	93.242	Mental Health Research Grants	(37)	
National Institutes of Health	Direct		RMH099269A	93.242	Mental Health Research Grants	(34)	
National Institutes of Health	Direct		RMH099649A	93.242	Mental Health Research Grants	2,803	
National Institutes of Health	Direct		UMH097056A	93.242	Mental Health Research Grants	8,300	
National Institutes of Health	Direct		RMH062646D	93.242	Mental Health Research Grants	(283)	
National Institutes of Health	Direct		RMH063232C	93.242	Mental Health Research Grants	2	
National Institutes of Health	Direct		RMH101679A	93.242	Mental Health Research Grants	7,949	
National Institutes of Health	Direct		RMH099363A	93.242	Mental Health Research Grants	(4,709)	
National Institutes of Health	Pass-Through	University of California Berkeley	KVUE	93.242	Mental Health Research Grants	40,648	22,639
National Institutes of Health	Pass-Through	University of Nebraska Lincoln	34-5507-2036-001	93.242	Mental Health Research Grants	33,455	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64353	93.242	Mental Health Research Grants	24,379	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 MH102246-01A1	93.242	Mental Health Research Grants	10,003	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R24 MH109105-01a	93.242	Mental Health Research Grants	74,252	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4R01MH100030-04	93.242	Mental Health Research Grants	78,708	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 1R21MH11156	93.242	Mental Health Research Grants	44,737	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282700303	93.242	Mental Health Research Grants	(15)	
Substance Abuse and Mental Health Services Adn	Pass-Through	University of Illinois at Urbana-Champaign	5 R01 MH077195-04	93.242	Mental Health Research Grants	6,864	
						<u>\$ 7,859,245</u>	<u>\$ 317,111</u>
Substance Abuse and Mental Health Services Adn	Direct		1 H79 SP021246-01	93.243	Substance Abuse and Mental Health Services_Projects of Region	200,612	112,371
						<u>\$ 200,612</u>	<u>\$ 112,371</u>
National Institutes of Health	Direct		5R37AA19455-07/10	93.273	Alcohol Research Programs	447,705	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV/VUMCd	93.273	Alcohol Research Programs	21,899	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC AA026186	93.273	Alcohol Research Programs	15,952	
						<u>\$ 485,556</u>	<u>\$ -</u>
National Institutes of Health	Direct		DA042111	93.279	Drug Abuse and Addiction Research Programs	168,227	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Direct		1F32DA036979-01A1	93.279	Drug Abuse and Addiction Research Programs	47,263			
National Institutes of Health	Direct		1F32DA041157-01	93.279	Drug Abuse and Addiction Research Programs	56,541			
National Institutes of Health	Direct		1R01 DA029785-01A1	93.279	Drug Abuse and Addiction Research Programs	46,822	29,801		
National Institutes of Health	Direct		1F30DA042501-01/04	93.279	Drug Abuse and Addiction Research Programs	28,689			
National Institutes of Health	Direct		1 R01 DA37207-01A1	93.279	Drug Abuse and Addiction Research Programs	243,835			
National Institutes of Health	Direct		1R01DA042475-01	93.279	Drug Abuse and Addiction Research Programs	510,200			
National Institutes of Health	Direct		1 R01 DA35263-01A1	93.279	Drug Abuse and Addiction Research Programs	117,055	9,098		
National Institutes of Health	Direct		1 R01 DA38058-01-03	93.279	Drug Abuse and Addiction Research Programs	137,946	13,091		
National Institutes of Health	Direct		1R21DA043680-01	93.279	Drug Abuse and Addiction Research Programs	228,097			
National Institutes of Health	Direct		HHSNJ2712018000196P	93.279	Drug Abuse and Addiction Research Programs	10,925			
National Institutes of Health	Direct		RDA019112B	93.279	Drug Abuse and Addiction Research Programs	606			
National Institutes of Health	Pass-Through	University of California Irvine	UCI 2017-3476	93.279	Drug Abuse and Addiction Research Programs	48,966			
						\$	1,645,172	\$	51,990
National Institutes of Health	Direct		2R01EB014308-05A1	93.286	Discovery and Applied Research for Technological Innovations tc	31,273			
National Institutes of Health	Direct		1R21EB024311-01A1	93.286	Discovery and Applied Research for Technological Innovations tc	30,734			
National Institutes of Health	Direct		2R01EB016695-05	93.286	Discovery and Applied Research for Technological Innovations tc	710			
National Institutes of Health	Direct		1F31EB022422-01	93.286	Discovery and Applied Research for Technological Innovations tc	27,143			
National Institutes of Health	Direct		R01 EB017230 YR 1-4	93.286	Discovery and Applied Research for Technological Innovations tc	756,857	209,439		
National Institutes of Health	Direct		1T32EB021937-01	93.286	Discovery and Applied Research for Technological Innovations tc	109,705			
National Institutes of Health	Direct		1R21EB022380-01	93.286	Discovery and Applied Research for Technological Innovations tc	196,721	42,971		
National Institutes of Health	Direct		1R01EB014308-01A1/4	93.286	Discovery and Applied Research for Technological Innovations tc	40,220	40,220		
National Institutes of Health	Direct		1R01EB019409 01/04	93.286	Discovery and Applied Research for Technological Innovations tc	303,570	6,140		
National Institutes of Health	Direct		1R01EB020040 1-4	93.286	Discovery and Applied Research for Technological Innovations tc	341,194	27,087		
National Institutes of Health	Direct		2R01EB001744-07A1	93.286	Discovery and Applied Research for Technological Innovations tc	(2,853)			
National Institutes of Health	Direct		1R01EB016695-01A1	93.286	Discovery and Applied Research for Technological Innovations tc	293,924	137,171		
National Institutes of Health	Direct		1R21EB018521-01/02	93.286	Discovery and Applied Research for Technological Innovations tc	87,684	73,925		
National Institutes of Health	Direct		1R01EB019980	93.286	Discovery and Applied Research for Technological Innovations tc	521,936	83,512		
National Institutes of Health	Direct		1R21EB015623-01A1	93.286	Discovery and Applied Research for Technological Innovations tc	5,790			
National Institutes of Health	Direct		1R01 EB017467 01/04	93.286	Discovery and Applied Research for Technological Innovations tc	150	83,275		
National Institutes of Health	Direct		4R01EB017467-04	93.286	Discovery and Applied Research for Technological Innovations tc	254,206			
National Institutes of Health	Direct		5T32EB014841-05	93.286	Discovery and Applied Research for Technological Innovations tc	149,471			
National Institutes of Health	Direct		1R21EB024199-01A1	93.286	Discovery and Applied Research for Technological Innovations tc	126,268	22,436		
National Institutes of Health	Direct		1R01EB023717	93.286	Discovery and Applied Research for Technological Innovations tc	121,714	34,616		
National Institutes of Health	Direct		REB018992A	93.286	Discovery and Applied Research for Technological Innovations tc	65,049			
National Institutes of Health	Pass-Through	Cornell University	CORNELL 1R21EB022927	93.286	Discovery and Applied Research for Technological Innovations tc	29,906			
National Institutes of Health	Pass-Through	University of California Berkeley	00009722	93.286	Discovery and Applied Research for Technological Innovations tc	11,199			
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5108995	93.286	Discovery and Applied Research for Technological Innovations tc	38,559			
						\$	3,541,130	\$	760,792
National Institutes of Health	Pass-Through	Meharry Medical College	17406MFL060	93.307	Minority Health and Health Disparities Research	30,422			
						\$	30,422	\$	-
National Institutes of Health	Direct		3DP7OD018423-02S1&03	93.310	Trans-NIH Research Support	631,586			
National Institutes of Health	Direct		1 DP2 GM114849-01	93.310	Trans-NIH Research Support	451,956			
National Institutes of Health	Direct		1R03CA222452-01	93.310	Trans-NIH Research Support	51,457			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1UH2CA203708-01	93.310	Trans-NIH Research Support	125,001			
						\$	1,260,000	\$	-
National Institutes of Health	Direct		DOD018423A	93.331	Partnerships to Improve Community Health	(148)			
						\$	(148)	\$	-
National Institutes of Health	Direct		3UH3TR000491-04S2	93.350	National Center for Advancing Translational Sciences	370,493	136,722		
National Institutes of Health	Direct		UG3TR002097-01	93.350	National Center for Advancing Translational Sciences	822,885	299,258		
National Institutes of Health	Pass-Through	University of Pittsburgh	UNIV OF PITTS-003004	93.350	National Center for Advancing Translational Sciences	(9,547)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	3U24TR001579-01S1	93.350	National Center for Advancing Translational Sciences	45,224			
						\$	1,229,055	\$	435,980
National Institutes of Health	Direct		1 R25 OD021883-01	93.351	Research Infrastructure Programs	221,736			
National Institutes of Health	Direct		1S10OD023680-01	93.351	Research Infrastructure Programs	563,870			

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1S10OD023514-01	93.351	Research Infrastructure Programs	524,109	
National Institutes of Health	Direct		SOD020154A	93.351	Research Infrastructure Programs	(5,791)	
National Institutes of Health	Direct		SOD021630A	93.351	Research Infrastructure Programs	1,467	
						\$ 1,305,391	\$ -
Health Resources and Services Administration	Direct		1 UD7HP30932-01-00	93.359	Nurse Education, Practice Quality and Retention Grants	365,962	193,040
						\$ 365,962	\$ 193,040
National Institutes of Health	Direct		5 R01 NR15353-02	93.361	Nursing Research	482,389	35,081
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4224300213	93.361	Nursing Research	(371)	
						\$ 482,018	\$ 35,081
National Institutes of Health	Direct		1R01CA218315-01A1	93.393	Cancer Cause and Prevention Research	70,689	
National Institutes of Health	Direct		2R01CA164605	93.393	Cancer Cause and Prevention Research	73,544	
National Institutes of Health	Direct		2P01CA160032-21A	93.393	Cancer Cause and Prevention Research	643,060	219,051
National Institutes of Health	Direct		4R01CA055678-24	93.393	Cancer Cause and Prevention Research	259,396	230,111
National Institutes of Health	Direct		4 R01 CA118332-09	93.393	Cancer Cause and Prevention Research	273,907	115,471
National Institutes of Health	Direct		1R21 CA175840-01A1	93.393	Cancer Cause and Prevention Research	153	
National Institutes of Health	Direct		5 R01 CA087819-17	93.393	Cancer Cause and Prevention Research	413,831	
National Institutes of Health	Direct		4 R01 CA89450-15	93.393	Cancer Cause and Prevention Research	(33)	
National Institutes of Health	Direct		5 R01 CA141071-05	93.393	Cancer Cause and Prevention Research	3,091	
National Institutes of Health	Direct		1 R50 CA211206-01	93.393	Cancer Cause and Prevention Research	116,554	
National Institutes of Health	Direct		1 R01CA200709-01	93.393	Cancer Cause and Prevention Research	352,930	60,607
National Institutes of Health	Direct		R01CA055678-13/17	93.393	Cancer Cause and Prevention Research	(111,339)	(110,813)
National Institutes of Health	Direct		5 R01 CA102729-13	93.393	Cancer Cause and Prevention Research	286,998	
National Institutes of Health	Direct		1R01CA211305	93.393	Cancer Cause and Prevention Research	95,976	
National Institutes of Health	Direct		RCA090426C	93.393	Cancer Cause and Prevention Research	(875)	
National Institutes of Health	Pass-Through	Lawrence Berkeley National Laboratory	4282500383	93.393	Cancer Cause and Prevention Research	(866)	
National Institutes of Health	Pass-Through	Thomas Jefferson University	7 R01 CA160432-05	93.393	Cancer Cause and Prevention Research	161,535	
National Institutes of Health	Pass-Through	Thomas Jefferson University	2 R01CA207469	93.393	Cancer Cause and Prevention Research	27,524	
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16	93.393	Cancer Cause and Prevention Research	111,010	
National Institutes of Health	Pass-Through	University of California Berkeley	2 P01 CA092584-16a	93.393	Cancer Cause and Prevention Research	55,083	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 58622	93.393	Cancer Cause and Prevention Research	7,712	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282501393	93.393	Cancer Cause and Prevention Research	(556)	
						\$ 2,839,324	\$ 514,427
National Institutes of Health	Direct		1R01CA162477-01/05	93.394	Cancer Detection and Diagnosis Research	260,829	
National Institutes of Health	Direct		7 U24 CA159988-07	93.394	Cancer Detection and Diagnosis Research	41,722	16,401
National Institutes of Health	Direct		1 R01 CA186193-01	93.394	Cancer Detection and Diagnosis Research	454,981	69,499
National Institutes of Health	Direct		1R01CA212147-01A1	93.394	Cancer Detection and Diagnosis Research	122,917	
National Institutes of Health	Pass-Through	Anasys Instruments	ANASYS INST/NIH	93.394	Cancer Detection and Diagnosis Research	15,716	
National Institutes of Health	Pass-Through	Harvard University	1 U01 CA199882-01	93.394	Cancer Detection and Diagnosis Research	863	
National Institutes of Health	Pass-Through	Morgridge Institute for Research	CA205101 SUB 17-J002	93.394	Cancer Detection and Diagnosis Research	12,602	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U01CA186145-01-A1	93.394	Cancer Detection and Diagnosis Research	31,304	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 CA184693-01	93.394	Cancer Detection and Diagnosis Research	14,568	
						\$ 955,502	\$ 85,900
National Institutes of Health	Direct		1R01CA224241-01A1	93.395	Cancer Treatment Research	1,957	
National Institutes of Health	Direct		5 R01 CA174887-02	93.395	Cancer Treatment Research	282,325	
National Institutes of Health	Direct		2 R01 CA116021-11,12	93.395	Cancer Treatment Research	421,360	48,348
National Institutes of Health	Direct		1R01CA214043	93.395	Cancer Treatment Research	361,570	80,730
National Institutes of Health	Direct		7R01CA203991-02	93.395	Cancer Treatment Research	262,653	
National Institutes of Health	Direct		RCA142888B	93.395	Cancer Treatment Research	727	
						\$ 1,330,592	\$ 129,078
National Institutes of Health	Direct		4R00CA201304-03	93.396	Cancer Biology Research	10,992	
National Institutes of Health	Direct		1R01CA163499-01A1	93.396	Cancer Biology Research	212,534	126,126
National Institutes of Health	Direct		1U01CA202229-01	93.396	Cancer Biology Research	483,788	138,939
National Institutes of Health	Direct		4 R01 CA164605-05	93.396	Cancer Biology Research	492,917	
National Institutes of Health	Direct		5 R01 CA178030-03	93.396	Cancer Biology Research	343,991	68,021

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		5 R01 CA64140-22	93.396	Cancer Biology Research	337,331	25,344
National Institutes of Health	Direct		1 R35 CA197571-01	93.396	Cancer Biology Research	949,632	3,274
National Institutes of Health	Direct		5 R01 CA34590-32	93.396	Cancer Biology Research	1,029	
National Institutes of Health	Direct		4R01CA163592-05	93.396	Cancer Biology Research	75,348	
National Institutes of Health	Direct		4R01CA034590-33	93.396	Cancer Biology Research	277,384	56,703
National Institutes of Health	Direct		1 R01 CA157781-01A1	93.396	Cancer Biology Research	(701)	
National Institutes of Health	Direct		5 R01 CA85492-15	93.396	Cancer Biology Research	8,238	7,576
National Institutes of Health	Direct		1 R21 CA178589-01A1	93.396	Cancer Biology Research	50,967	
National Institutes of Health	Direct		RCA084360C	93.396	Cancer Biology Research	(2,200)	
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	144383	93.396	Cancer Biology Research	15,750	
National Institutes of Health	Pass-Through	Massachusetts Institute of Technology	MIT: SYSTEMS APPROAC	93.396	Cancer Biology Research	99,740	
National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	1 R35 CA220449	93.396	Cancer Biology Research	9,456	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 U19 CA179514-03	93.396	Cancer Biology Research	135,961	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 CA177681-01A1	93.396	Cancer Biology Research	36,623	
						\$ 3,538,780	\$ 425,983
National Institutes of Health	Direct		5 U54 CA113007-10	93.397	Cancer Centers Support Grants	(4,398)	
National Institutes of Health	Pass-Through	Meharry Medical Center	4206610173	93.397	Cancer Centers Support Grants	9,637	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P50 CA098131-15	93.397	Cancer Centers Support Grants	124,575	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 CA068485-21	93.397	Cancer Centers Support Grants	306,893	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVf	93.397	Cancer Centers Support Grants	986,813	
						\$ 1,423,520	\$ -
National Institutes of Health	Direct		1F30CA224559-01	93.398	Cancer Research Manpower	9,935	
National Institutes of Health	Direct		1F30CA228242-01	93.398	Cancer Research Manpower	7,947	
National Institutes of Health	Direct		K00CA212447	93.398	Cancer Research Manpower	11,071	
National Institutes of Health	Direct		1F31CA225065	93.398	Cancer Research Manpower	7,948	
National Institutes of Health	Direct		T32CA009582-31	93.398	Cancer Research Manpower	6,756	
National Institutes of Health	Direct		1F32CA228271	93.398	Cancer Research Manpower	8,072	
National Institutes of Health	Direct		F31CA189710/YR1-3	93.398	Cancer Research Manpower	20,616	
National Institutes of Health	Direct		1K25CA204599-01	93.398	Cancer Research Manpower	8,409	
National Institutes of Health	Direct		1F31CA200358 YR1-3	93.398	Cancer Research Manpower	14,579	
National Institutes of Health	Direct		1F30CA203220 01/04	93.398	Cancer Research Manpower	52,753	
National Institutes of Health	Direct		1F30CA196087-01-04	93.398	Cancer Research Manpower	43,400	
National Institutes of Health	Direct		5 F31 CA189764-03	93.398	Cancer Research Manpower	(1,914)	
National Institutes of Health	Direct		CA206339-02 GALLANT	93.398	Cancer Research Manpower	39,844	
National Institutes of Health	Direct		1 F31 CA199993-02	93.398	Cancer Research Manpower	25,928	
National Institutes of Health	Direct		1 F99 CA212435-01	93.398	Cancer Research Manpower	26,574	
National Institutes of Health	Direct		5 K22 CA184308-03	93.398	Cancer Research Manpower	134,417	
National Institutes of Health	Direct		4 R00 CA178190-03	93.398	Cancer Research Manpower	210,432	
National Institutes of Health	Direct		1 F31 CA210429-01	93.398	Cancer Research Manpower	29,427	
National Institutes of Health	Direct		5 T32 CA09582-28	93.398	Cancer Research Manpower	294,713	
National Institutes of Health	Direct		4T32CA009592-29	93.398	Cancer Research Manpower	297,744	5,706
National Institutes of Health	Direct		5 T32 CA119925-08	93.398	Cancer Research Manpower	384,043	
National Institutes of Health	Direct		1K99CA212270-01	93.398	Cancer Research Manpower	110,864	
National Institutes of Health	Direct		1F30CA16891 01/04	93.398	Cancer Research Manpower	28,724	
National Institutes of Health	Direct		1F32CA213794-01A1	93.398	Cancer Research Manpower	52,003	
National Institutes of Health	Direct		1F31CA213744-01	93.398	Cancer Research Manpower	20,441	
National Institutes of Health	Direct		1F32CA217064-01	93.398	Cancer Research Manpower	52,429	
National Institutes of Health	Direct		1F31CA221147-01	93.398	Cancer Research Manpower	41,110	
National Institutes of Health	Direct		1F31CA220804-01	93.398	Cancer Research Manpower	29,188	
National Institutes of Health	Direct		FCA189375A	93.398	Cancer Research Manpower	326	
National Institutes of Health	Direct		FCA195989A	93.398	Cancer Research Manpower	1,910	
National Institutes of Health	Pass-Through	Thomas Jefferson University	TJUCA189433	93.398	Cancer Research Manpower	22,492	
						\$ 1,992,181	\$ 5,706
National Institutes of Health	Direct		90IFRE0001-01-00	93.433	ACL National Institute on Disability, Independent Living, and Reh	25,021	3,089

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Murray State University	90F0096-01-01	93.433	ACL National Institute on Disability, Independent Living, and Reh	12,213	
						\$ 37,234	\$ 3,089
Administration for Children and Families	Direct		90YR0069-02-01	93.600	Head Start	(1)	
Administration for Children and Families	Direct		90YR0101-01-01	93.600	Head Start	18,078	
Administration for Children and Families	Pass-Through	ZERO TO THREE	ZERO TO THREE	93.600	Head Start	238,595	38,403
						\$ 256,672	\$ 38,403
Administration for Community Living	Direct		90DN0294-04-00 YR4	93.631	Developmental Disabilities Projects of National Significance	22,387	22,387
Administration for Community Living	Direct		90DN0294-05-00 YR5	93.631	Developmental Disabilities Projects of National Significance	162,152	88,501
						\$ 184,539	\$ 110,888
Administration for Children and Families	Pass-Through	Vanderbilt University Medical Center	90DD0807-02-00	93.632	University Centers for Excellence in Developmental Disabilities E	1,450	
						\$ 1,450	\$ -
Centers for Medicare and Medicaid Services	Pass-Through	Gramercy Research Group, LLC	VUMC 61273 PTN	93.638	ACA-Transforming Clinical Practice Initiative: Practice Transform	53,273	
						\$ 53,273	\$ -
Administration for Children and Families	Pass-Through	Vanderbilt University Medical Center	4262300223	93.658	Foster Care Title IV-E	(468)	
						\$ (468)	\$ -
Health Resources and Services Administration	Direct		HRSA M01HP31387	93.732	Mental and Behavioral Health Education and Training Grants	85,009	
						\$ 85,009	\$ -
Centers for Disease Control	Pass-Through	Meharry Medical College	1U58DP005922-01	93.738	PPHF: Racial and Ethnic Approaches to Community Health Progr	5,495	
						\$ 5,495	\$ -
National Institutes of Health	Direct		IR01HL144131	93.837	Cardiovascular Diseases Research	2,957	
National Institutes of Health	Direct		4R01 HL115103-04	93.837	Cardiovascular Diseases Research	9,145	29,656
National Institutes of Health	Direct		1R01HL115103-01A1	93.837	Cardiovascular Diseases Research	128	
National Institutes of Health	Direct		1R01HL128715 01/04	93.837	Cardiovascular Diseases Research	(58,591)	
National Institutes of Health	Direct		1F30HL126280	93.837	Cardiovascular Diseases Research	32,606	
National Institutes of Health	Direct		1R01HL122347 01/04	93.837	Cardiovascular Diseases Research	566,058	
National Institutes of Health	Direct		5T32HL007411-37	93.837	Cardiovascular Diseases Research	423,940	32,196
National Institutes of Health	Direct		5 K01 HL121010-02	93.837	Cardiovascular Diseases Research	121,635	
National Institutes of Health	Direct		1 F31 HL136081-01	93.837	Cardiovascular Diseases Research	28,902	
National Institutes of Health	Direct		1F31HL136133-01A1	93.837	Cardiovascular Diseases Research	24,259	
National Institutes of Health	Direct		7R01HL127499-03	93.837	Cardiovascular Diseases Research	551,707	
National Institutes of Health	Direct		1F32HL138745	93.837	Cardiovascular Diseases Research	56,122	
National Institutes of Health	Direct		THL007411G	93.837	Cardiovascular Diseases Research	2,931	
National Institutes of Health	Direct		FHL128040A	93.837	Cardiovascular Diseases Research	456	
National Institutes of Health	Pass-Through	Meharry Medical College	MOLECULAR MICROBIAL	93.837	Cardiovascular Diseases Research	30,439	
National Institutes of Health	Pass-Through	Northwestern University	HL122010/NORTHWESTER	93.837	Cardiovascular Diseases Research	364,517	18,355
National Institutes of Health	Pass-Through	University of Mississippi Medical Center	HBCU PRIDE	93.837	Cardiovascular Diseases Research	(7,335)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 65119	93.837	Cardiovascular Diseases Research	5,190	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC65281	93.837	Cardiovascular Diseases Research	4,645	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 60278	93.837	Cardiovascular Diseases Research	4,313	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL118392-03	93.837	Cardiovascular Diseases Research	24,811	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 HL118952-03	93.837	Cardiovascular Diseases Research	10,851	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 6R01HL127173-02a	93.837	Cardiovascular Diseases Research	3,917	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC58331 HL130502	93.837	Cardiovascular Diseases Research	1,974	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282501453	93.837	Cardiovascular Diseases Research	16	
						\$ 2,205,593	\$ 80,207
National Institutes of Health	Direct		1F31HL142189	93.838	Lung Diseases Research	1,987	
National Institutes of Health	Direct		1R35HL135790	93.838	Lung Diseases Research	1,233,807	
National Institutes of Health	Pass-Through	Virtuoso Surgical, Inc	1R41HL140709-01	93.838	Lung Diseases Research	5,114	
						\$ 1,240,908	\$ -
National Institutes of Health	Direct		5T32HL069765-15	93.839	Blood Diseases and Resources Research	216,596	1,025
						\$ 216,596	\$ 1,025
National Institutes of Health	Direct		1R01AR064772-01A1	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	189,305	38,650
National Institutes of Health	Direct		1R01AR064304 01/04	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	(57,071)	
National Institutes of Health	Direct		4R01AR064304-04	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	114,472	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Direct		5T32AR059039	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	224,894	13,113		
National Institutes of Health	Direct		5 R01 AR51968-09	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	3,517			
National Institutes of Health	Direct		1R21AR072510-01	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	243,736			
National Institutes of Health	Direct		4 R01 AR51968-09	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	42,489			
National Institutes of Health	Direct		RAR068933A	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	5,492			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC63742	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	7,489			
						\$	774,323	\$	51,763
National Institutes of Health	Direct		1R01DK117158-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,582			
National Institutes of Health	Direct		1R01 DK097376-01/03	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(8,656)			
National Institutes of Health	Direct		R01DK106348 1/5	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	411,186			
National Institutes of Health	Direct		1F30DK111107-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,954			
National Institutes of Health	Direct		1F31DK108652-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,040			
National Institutes of Health	Direct		1 F31 DK107321-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,176			
National Institutes of Health	Direct		4F31DK097938-04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,524			
National Institutes of Health	Direct		5 R33 DK105149-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	270,009			
National Institutes of Health	Direct		2 R01 DK43748-22A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	537,090			
National Institutes of Health	Direct		1 F30 DK108476-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	23,081			
National Institutes of Health	Direct		2R01DK054902-16A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	482,462	55,519		
National Institutes of Health	Direct		1F31DK109625-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,103			
National Institutes of Health	Direct		4 R01 DK018243-42	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	21,125			
National Institutes of Health	Direct		4R01DK060667-13	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	19,943	18,944		
National Institutes of Health	Direct		4R37DK050277-22	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	423,905			
National Institutes of Health	Direct		2R01DK090570-05A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	379,141	84,086		
National Institutes of Health	Direct		1F32DK109577-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	56,311			
National Institutes of Health	Direct		4 R01 DK97392-04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	390,656			
National Institutes of Health	Direct		2U2CDK059637-16	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,269,017	573,494		
National Institutes of Health	Direct		5 R01 DK50203-18	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	11			
National Institutes of Health	Direct		1R01DK106476-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	496,460			
National Institutes of Health	Direct		7F32DK108598-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	55,372			
National Institutes of Health	Direct		1 F30 DK104514-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	40,922			
National Institutes of Health	Direct		1 UC4 DK108120-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,058,700	620,618		
National Institutes of Health	Direct		1 R01 DK103831-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	544,670	50,110		
National Institutes of Health	Direct		4 R01 DK075555-09	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	5,366			
National Institutes of Health	Direct		1 F31 DK108528-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	26,761			
National Institutes of Health	Direct		1 R01 DK106228-01A1	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	453,617			
National Institutes of Health	Direct		5 R01 DK65949-13	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	379,620			
National Institutes of Health	Direct		4 R01 DK095811-04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	84,040			
National Institutes of Health	Direct		1 R01 DK111949-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	451,904			
National Institutes of Health	Direct		1R01DK109204-01/04	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	612,438			
National Institutes of Health	Direct		1 DP3 DK97706-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	53,853	20,665		
National Institutes of Health	Direct		5 F30 DK103438-02	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	28,570			
National Institutes of Health	Direct		5 T32 DK07563-28	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	557,148	5,958		
National Institutes of Health	Direct		T32DK101003 YEAR 2	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	126,336			
National Institutes of Health	Direct		DK112630-MECHANISM O	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	13,978			
National Institutes of Health	Direct		1F32DK113689	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	40,830			
National Institutes of Health	Direct		1F31DK112553	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	26,246			
National Institutes of Health	Direct		F32DK112603	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,781			
National Institutes of Health	Direct		R01DK115620	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	146,045			
National Institutes of Health	Direct		FDK108476A	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,987			
National Institutes of Health	Direct		FDK104600A	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	1,475			
National Institutes of Health	Direct		RDK103658A	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(10)			
National Institutes of Health	Direct		FDK097938A	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(1,951)			
National Institutes of Health	Direct		RDK097392A	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(5,535)			
National Institutes of Health	Direct		RDK070332D	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(145,385)			

Vanderbilt University  
 Schedule of Expenditures of Federal Awards  
 For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Direct		UDK059637C	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	82,099			
National Institutes of Health	Direct		RDK075555B	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(2,916)			
National Institutes of Health	Pass-Through	Augusta University	30835/25034-83	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	8,626			
National Institutes of Health	Pass-Through	Augusta University	DK076169-11	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	42,661	13,298		
National Institutes of Health	Pass-Through	Georgia Regents University	4282700023	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,441			
National Institutes of Health	Pass-Through	Georgia Regents University	4282700253	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,305			
National Institutes of Health	Pass-Through	Georgia Regents University	4282700283	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	602			
National Institutes of Health	Pass-Through	Stanford University	4282700123	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(485)			
National Institutes of Health	Pass-Through	University of Cincinnati	7R01DK106364	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	144,320			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59326	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	43,996			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59472	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	75,720			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	SUBCONTRACT 64675	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	41,424			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58790	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	29,662			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: R24 DK106755	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	6,712			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: 2 T32 DK007061	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	44,103			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1 R01 DK108968-01	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	13,471			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV59245(UCADK11223	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	17,391			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNiVa	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	51,709			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4281770103	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(33)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4281770143	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(40)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282710631	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	(157)			
National Institutes of Health	Pass-Through	Washington University In St. Louis	4282700173	93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research	32,098			
						\$	10,126,607	\$	1,442,692
National Institutes of Health	Direct		1R01NS106951-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	152,519	5,581		
National Institutes of Health	Direct		1R01NS102365	93.853	Extramural Research Programs in the Neurosciences and Neuro	62,142			
National Institutes of Health	Direct		1F31NS092250 01/03	93.853	Extramural Research Programs in the Neurosciences and Neuro	25,250			
National Institutes of Health	Direct		2R01NS016446-34	93.853	Extramural Research Programs in the Neurosciences and Neuro	297,250			
National Institutes of Health	Direct		R01NS095291 YR 9-12	93.853	Extramural Research Programs in the Neurosciences and Neuro	719,785	201,214		
National Institutes of Health	Direct		1R56NS094651-01A1	93.853	Extramural Research Programs in the Neurosciences and Neuro	342,098	169,840		
National Institutes of Health	Direct		2R01NS058639-05A1	93.853	Extramural Research Programs in the Neurosciences and Neuro	325,684	53,690		
National Institutes of Health	Direct		2R01NS058639-05/08	93.853	Extramural Research Programs in the Neurosciences and Neuro	12,703			
National Institutes of Health	Direct		2R01NS049251-08/12	93.853	Extramural Research Programs in the Neurosciences and Neuro	610,461	391,241		
National Institutes of Health	Direct		1R56NS087249-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	85			
National Institutes of Health	Direct		1R21NS091735 01/02	93.853	Extramural Research Programs in the Neurosciences and Neuro	102,216	21,056		
National Institutes of Health	Direct		5 R37 NS31373	93.853	Extramural Research Programs in the Neurosciences and Neuro	627,133	97,097		
National Institutes of Health	Direct		1UH2NS099066-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	6,722			
National Institutes of Health	Direct		1 F3 1NS096813-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	26,833			
National Institutes of Health	Direct		1F31NS096908-01-03	93.853	Extramural Research Programs in the Neurosciences and Neuro	29,058			
National Institutes of Health	Direct		1 R01 NS095989-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	449,454	124,489		
National Institutes of Health	Direct		4 R01 NS78291-05	93.853	Extramural Research Programs in the Neurosciences and Neuro	235,315	8,508		
National Institutes of Health	Direct		4 R01 NS081259-04	93.853	Extramural Research Programs in the Neurosciences and Neuro	27,197	25,215		
National Institutes of Health	Direct		1 R01 NS097898-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	354,745	9,242		
National Institutes of Health	Direct		4 R01 NS079611-04	93.853	Extramural Research Programs in the Neurosciences and Neuro	290,363			
National Institutes of Health	Direct		1 R01 NS096899-01A1	93.853	Extramural Research Programs in the Neurosciences and Neuro	331,162			
National Institutes of Health	Direct		1R01NS096238-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	322,223	30,297		
National Institutes of Health	Direct		1R01NS104497	93.853	Extramural Research Programs in the Neurosciences and Neuro	166,882	26,859		
National Institutes of Health	Direct		RNS049251B	93.853	Extramural Research Programs in the Neurosciences and Neuro	(927)			
National Institutes of Health	Direct		FNS084732A	93.853	Extramural Research Programs in the Neurosciences and Neuro	3,896			
National Institutes of Health	Direct		RNS042205C	93.853	Extramural Research Programs in the Neurosciences and Neuro	(49)			
National Institutes of Health	Direct		RNS082198A	93.853	Extramural Research Programs in the Neurosciences and Neuro	(1,745)			
National Institutes of Health	Direct		RNS081669A	93.853	Extramural Research Programs in the Neurosciences and Neuro	(2,133)			
National Institutes of Health	Pass-Through	Ohio State University	1 R21 NS098362-01	93.853	Extramural Research Programs in the Neurosciences and Neuro	60,846			
National Institutes of Health	Pass-Through	University of Colorado	4282910103	93.853	Extramural Research Programs in the Neurosciences and Neuro	(1,636)			
National Institutes of Health	Pass-Through	University of Colorado	42268	93.853	Extramural Research Programs in the Neurosciences and Neuro	(12,493)			

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Pass-Through	University of Kansas	ETR-1/CELLF1 IN NEURO	93.853	Extramural Research Programs in the Neurosciences and Neuro	53,141			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC58834 T32NS00749	93.853	Extramural Research Programs in the Neurosciences and Neuro	7,574			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59642	93.853	Extramural Research Programs in the Neurosciences and Neuro	36,360			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC60466 UNIV58597	93.853	Extramural Research Programs in the Neurosciences and Neuro	10,013			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIVI	93.853	Extramural Research Programs in the Neurosciences and Neuro	50,695			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV59690	93.853	Extramural Research Programs in the Neurosciences and Neuro	70,233			
						\$	5,791,055	\$	1,164,329
National Institutes of Health	Direct		R21AI133522	93.855	Allergy and Infectious Diseases Research	59,530			
National Institutes of Health	Direct		1F30AI138424-01	93.855	Allergy and Infectious Diseases Research	7,964			
National Institutes of Health	Direct		F31AI136255	93.855	Allergy and Infectious Diseases Research	9,012			
National Institutes of Health	Direct		1R21AI138157-01	93.855	Allergy and Infectious Diseases Research	7,018			
National Institutes of Health	Direct		1R21AI21799-01A1	93.855	Allergy and Infectious Diseases Research	245,069			
National Institutes of Health	Direct		1R21AI119596-01	93.855	Allergy and Infectious Diseases Research	103,802			
National Institutes of Health	Direct		1R21AI113960-01A1	93.855	Allergy and Infectious Diseases Research	94,179			
National Institutes of Health	Direct		1R01A1100643 01/04	93.855	Allergy and Infectious Diseases Research	(50)			
National Institutes of Health	Direct		R21AI121626-01A1	93.855	Allergy and Infectious Diseases Research	245,586	75,590		
National Institutes of Health	Direct		GRAEPEL-1F30AI129229	93.855	Allergy and Infectious Diseases Research	28,741			
National Institutes of Health	Direct		F30AI118376-03	93.855	Allergy and Infectious Diseases Research	24,630			
National Institutes of Health	Direct		5F30AI114262-YR 04	93.855	Allergy and Infectious Diseases Research	43,391			
National Institutes of Health	Direct		1F31AI126662-01	93.855	Allergy and Infectious Diseases Research	28,127			
National Institutes of Health	Direct		1 R01 AI108778-01A1	93.855	Allergy and Infectious Diseases Research	288,787			
National Institutes of Health	Direct		5T32AI112541-02	93.855	Allergy and Infectious Diseases Research	238,654	13,357		
National Institutes of Health	Direct		1R01AI132581-01	93.855	Allergy and Infectious Diseases Research	339,697			
National Institutes of Health	Direct		AI131780-YEAR 01/03	93.855	Allergy and Infectious Diseases Research	28,886			
National Institutes of Health	Direct		1F31AI133926-01	93.855	Allergy and Infectious Diseases Research	28,309			
National Institutes of Health	Direct		1R56AI127693	93.855	Allergy and Infectious Diseases Research	151,362			
National Institutes of Health	Direct		F31AI129747	93.855	Allergy and Infectious Diseases Research	26,707			
National Institutes of Health	Direct		1F31AI133970	93.855	Allergy and Infectious Diseases Research	23,980			
National Institutes of Health	Direct		1F31AI133952	93.855	Allergy and Infectious Diseases Research	17,225			
National Institutes of Health	Direct		RAI097978A	93.855	Allergy and Infectious Diseases Research	(464)			
National Institutes of Health	Pass-Through	Meharry Medical Center	57277	93.855	Allergy and Infectious Diseases Research	(9,068)			
National Institutes of Health	Pass-Through	Meharry Medical College	T32AI007281	93.855	Allergy and Infectious Diseases Research	1,455			
National Institutes of Health	Pass-Through	Meharry Medical College	T32AI007281 MEHARRY	93.855	Allergy and Infectious Diseases Research	35,047			
National Institutes of Health	Pass-Through	Oak Crest Institute of Science	5 U19 AI113048-03	93.855	Allergy and Infectious Diseases Research	3,050			
National Institutes of Health	Pass-Through	University of Cape Town	A110329/UNIV OF CAPE	93.855	Allergy and Infectious Diseases Research	21,070			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	1U19AI117905 VUMC600	93.855	Allergy and Infectious Diseases Research	(92,771)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	2 R01 AI44924-14	93.855	Allergy and Infectious Diseases Research	21,169			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	AI121549/58532	93.855	Allergy and Infectious Diseases Research	90,889			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 59334 UNIV 5874	93.855	Allergy and Infectious Diseases Research	4,788			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	BA: UNIV58381	93.855	Allergy and Infectious Diseases Research	(647)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC63571 UNIV59819	93.855	Allergy and Infectious Diseases Research	14,436			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01AI39657-16	93.855	Allergy and Infectious Diseases Research	4,817			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4281160133	93.855	Allergy and Infectious Diseases Research	4,500			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4281770173	93.855	Allergy and Infectious Diseases Research	(2,157)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282900333	93.855	Allergy and Infectious Diseases Research	4,072			
						\$	2,140,792	\$	88,947
National Institutes of Health	Direct		R01GM107978-05	93.859	Biomedical Research and Research Training	118,028			
National Institutes of Health	Direct		1R35GM127098	93.859	Biomedical Research and Research Training	39,286			
National Institutes of Health	Direct		2R01DK095811-05A1	93.859	Biomedical Research and Research Training	51,429			
National Institutes of Health	Direct		1R35GM127087-01	93.859	Biomedical Research and Research Training	35,783			
National Institutes of Health	Direct		1F32GM128344-01	93.859	Biomedical Research and Research Training	8,134			
National Institutes of Health	Direct		R56GM06357-07	93.859	Biomedical Research and Research Training	56,984			
National Institutes of Health	Direct		2R01GM080403-06A1	93.859	Biomedical Research and Research Training	349,858			
National Institutes of Health	Direct		1R01GM099842-01A1	93.859	Biomedical Research and Research Training	(1,367)			

Vanderbilt University  
 Schedule of Expenditures of Federal Awards  
 for the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		1R25 GM107754-01	93.859	Biomedical Research and Research Training	(3,078)	
National Institutes of Health	Direct		4R25GM107754-04	93.859	Biomedical Research and Research Training	378,734	355,239
National Institutes of Health	Direct		2R01GM084333-05	93.859	Biomedical Research and Research Training	217,809	
National Institutes of Health	Direct		R01GM092218 YR4-7	93.859	Biomedical Research and Research Training	559,813	
National Institutes of Health	Direct		1R01GM115722	93.859	Biomedical Research and Research Training	346,820	
National Institutes of Health	Direct		R21MH107713-01	93.859	Biomedical Research and Research Training	59,959	
National Institutes of Health	Direct		1R21NS095323-01	93.859	Biomedical Research and Research Training	158,719	
National Institutes of Health	Direct		R01GM118452-01	93.859	Biomedical Research and Research Training	379,549	
National Institutes of Health	Direct		4R00GM104151-03	93.859	Biomedical Research and Research Training	152,260	
National Institutes of Health	Direct		1R01GM117299-01	93.859	Biomedical Research and Research Training	353,914	
National Institutes of Health	Direct		R35GM119525-01	93.859	Biomedical Research and Research Training	477,798	
National Institutes of Health	Direct		4R01GM107978-04	93.859	Biomedical Research and Research Training	113,620	
National Institutes of Health	Direct		1R01GM107434-01/04	93.859	Biomedical Research and Research Training	(3,084)	
National Institutes of Health	Direct		1R01GM107978-01	93.859	Biomedical Research and Research Training	324	
National Institutes of Health	Direct		RGM067152D	93.859	Biomedical Research and Research Training	364,046	
National Institutes of Health	Direct		4R01GM107434-04	93.859	Biomedical Research and Research Training	18,367	
National Institutes of Health	Direct		1R01 GM117650-1/4	93.859	Biomedical Research and Research Training	192,420	
National Institutes of Health	Direct		5R25GM062459-14-18	93.859	Biomedical Research and Research Training	513,053	
National Institutes of Health	Direct		5T32GM008554-22	93.859	Biomedical Research and Research Training	322,911	
National Institutes of Health	Direct		5T32GM065086-15	93.859	Biomedical Research and Research Training	360,313	
National Institutes of Health	Direct		5T32GM080178-10	93.859	Biomedical Research and Research Training	14,684	
National Institutes of Health	Direct		5T32GM007628-30	93.859	Biomedical Research and Research Training	477,135	25,891
National Institutes of Health	Direct		5 R01 GM116616-02	93.859	Biomedical Research and Research Training	365,414	
National Institutes of Health	Direct		5 R01 GM103937-03	93.859	Biomedical Research and Research Training	1,667	
National Institutes of Health	Direct		1 F32 GM117770-01	93.859	Biomedical Research and Research Training	56,987	
National Institutes of Health	Direct		1 R35 GM118089-01	93.859	Biomedical Research and Research Training	482,202	
National Institutes of Health	Direct		2 R01 GM067871-14	93.859	Biomedical Research and Research Training	439,437	40,843
National Institutes of Health	Direct		9 R01 GM118122-16	93.859	Biomedical Research and Research Training	255,786	
National Institutes of Health	Direct		1 R35 GM119569-01	93.859	Biomedical Research and Research Training	284,296	
National Institutes of Health	Direct		4 R01 GM030910-33	93.859	Biomedical Research and Research Training	122,492	
National Institutes of Health	Direct		4 R01 GM103937-04	93.859	Biomedical Research and Research Training	220,828	
National Institutes of Health	Direct		5 R01 GM30910-32	93.859	Biomedical Research and Research Training	1,281	
National Institutes of Health	Direct		5 R01 GM33944-32	93.859	Biomedical Research and Research Training	(7,766)	
National Institutes of Health	Direct		1 R01 GM115892-01	93.859	Biomedical Research and Research Training	270,774	
National Institutes of Health	Direct		4 R01 GM106720-04	93.859	Biomedical Research and Research Training	26,430	
National Institutes of Health	Direct		2 R01 GM77659-09A1	93.859	Biomedical Research and Research Training	248,521	
National Institutes of Health	Direct		5 R01 GM115598-02	93.859	Biomedical Research and Research Training	106,644	76,750
National Institutes of Health	Direct		4 R37 GM51219-23	93.859	Biomedical Research and Research Training	551,445	
National Institutes of Health	Direct		5 R01 GM70902-12	93.859	Biomedical Research and Research Training	3,215	
National Institutes of Health	Direct		5 R00 GM101077-05	93.859	Biomedical Research and Research Training	68,141	
National Institutes of Health	Direct		1 F31 GM119252-01	93.859	Biomedical Research and Research Training	23,351	
National Institutes of Health	Direct		2 R01 GM101035-05	93.859	Biomedical Research and Research Training	503,555	62,068
National Institutes of Health	Direct		2 R01 GM086610-06A1	93.859	Biomedical Research and Research Training	26,303	
National Institutes of Health	Direct		1 F31 GM120940-01	93.859	Biomedical Research and Research Training	24,761	
National Institutes of Health	Direct		5 R01 GM112989-03	93.859	Biomedical Research and Research Training	244,553	
National Institutes of Health	Direct		4 R01 GM081635-09	93.859	Biomedical Research and Research Training	4,057	
National Institutes of Health	Direct		1 R35 GM119552-01	93.859	Biomedical Research and Research Training	417,499	
National Institutes of Health	Direct		5 R01 GM73883-09	93.859	Biomedical Research and Research Training	(358)	
National Institutes of Health	Direct		1R01GM117916-01	93.859	Biomedical Research and Research Training	349,734	10,594
National Institutes of Health	Direct		5 R13 GM108284-02	93.859	Biomedical Research and Research Training	7,213	
National Institutes of Health	Direct		1 R01 GM109955-01A1	93.859	Biomedical Research and Research Training	216,482	
National Institutes of Health	Direct		1 R01 GM120569-01	93.859	Biomedical Research and Research Training	352,936	
National Institutes of Health	Direct		1R01GM121629-01	93.859	Biomedical Research and Research Training	170,725	
National Institutes of Health	Direct		2 R01 GM76592-06A1	93.859	Biomedical Research and Research Training	15,106	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through		
National Institutes of Health	Direct		2 P41 GM103391-06	93.859	Biomedical Research and Research Training	2,119,663			
National Institutes of Health	Direct		5 R01 GM78373-08	93.859	Biomedical Research and Research Training	241,365			
National Institutes of Health	Direct		1 R01 GM117899-01	93.859	Biomedical Research and Research Training	342,986			
National Institutes of Health	Direct		1 R01 GM118491-01	93.859	Biomedical Research and Research Training	318,673			
National Institutes of Health	Direct		5T32GM007347-38	93.859	Biomedical Research and Research Training	1,205,765			
National Institutes of Health	Direct		5T32GM008320	93.859	Biomedical Research and Research Training	321,910			
National Institutes of Health	Direct		1F31GM120879-01A1	93.859	Biomedical Research and Research Training	31,693			
National Institutes of Health	Direct		1R01GM123260-01	93.859	Biomedical Research and Research Training	253,807			
National Institutes of Health	Direct		2T32GM080178-11	93.859	Biomedical Research and Research Training	193,116			
National Institutes of Health	Direct		1R35GM122516-01	93.859	Biomedical Research and Research Training	807,197			
National Institutes of Health	Direct		1R35GM125028-01	93.859	Biomedical Research and Research Training	349,585			
National Institutes of Health	Direct		1R35GM122491-01	93.859	Biomedical Research and Research Training	378,915			
National Institutes of Health	Direct		7R01GM117191-03	93.859	Biomedical Research and Research Training	187,804			
National Institutes of Health	Direct		1F31GM125344-01	93.859	Biomedical Research and Research Training	25,400			
National Institutes of Health	Direct		1R01GM123292-01	93.859	Biomedical Research and Research Training	213,751			
National Institutes of Health	Direct		1R01GM124404-01	93.859	Biomedical Research and Research Training	405,569			
National Institutes of Health	Direct		2R01GM107434	93.859	Biomedical Research and Research Training	225,121			
National Institutes of Health	Direct		1F32GM126646	93.859	Biomedical Research and Research Training	35,284			
National Institutes of Health	Direct		1R01GM118412	93.859	Biomedical Research and Research Training	234,239	26,415		
National Institutes of Health	Direct		RGM062367C	93.859	Biomedical Research and Research Training	(629)			
National Institutes of Health	Direct		FGM108407A	93.859	Biomedical Research and Research Training	(70)			
National Institutes of Health	Direct		TGM008554D	93.859	Biomedical Research and Research Training	(2,063)			
National Institutes of Health	Direct		TGM007347G	93.859	Biomedical Research and Research Training	(1,726)			
National Institutes of Health	Direct		RGM106672A	93.859	Biomedical Research and Research Training	275			
National Institutes of Health	Direct		PRR031461A	93.859	Biomedical Research and Research Training	(6,112)			
National Institutes of Health	Direct		RGM106720A	93.859	Biomedical Research and Research Training	(34)			
National Institutes of Health	Direct		RGM081635B	93.859	Biomedical Research and Research Training	488			
National Institutes of Health	Direct		RGM050526G	93.859	Biomedical Research and Research Training	(35)			
National Institutes of Health	Direct		RGM101035A	93.859	Biomedical Research and Research Training	4,794			
National Institutes of Health	Direct		PGM015431I	93.859	Biomedical Research and Research Training	(11,245)	(10,473)		
National Institutes of Health	Pass-Through	Brown University	1R25GM114021-BROWN U	93.859	Biomedical Research and Research Training	80,945			
National Institutes of Health	Pass-Through	Health Research Inc.	2 R01 GM82978-06A1	93.859	Biomedical Research and Research Training	29,509			
National Institutes of Health	Pass-Through	Marquette University	18-035-001-2	93.859	Biomedical Research and Research Training	106,466			
National Institutes of Health	Pass-Through	State University of New York	5 R01 GM071461-09	93.859	Biomedical Research and Research Training	63,097			
National Institutes of Health	Pass-Through	The Forsyth Institute	VU2555(R01GM117174)	93.859	Biomedical Research and Research Training	9,489			
National Institutes of Health	Pass-Through	University of Arizona	UNIV - UNIV OF AZ	93.859	Biomedical Research and Research Training	65,381			
National Institutes of Health	Pass-Through	University of Chicago	3U54GM087519-07S1	93.859	Biomedical Research and Research Training	49,626			
National Institutes of Health	Pass-Through	University of Chicago	4282700153	93.859	Biomedical Research and Research Training	171			
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5107299	93.859	Biomedical Research and Research Training	416			
National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	GM073151/5033661 UNC	93.859	Biomedical Research and Research Training	14,257			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	R01GM118557	93.859	Biomedical Research and Research Training	17,854			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282080601	93.859	Biomedical Research and Research Training	(1)			
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4282710611	93.859	Biomedical Research and Research Training	1			
						\$	20,280,629	\$	587,327
National Institutes of Health	Direct		1F30HD094345-01	93.865	Child Health and Human Development Extramural Research	8,364			
National Institutes of Health	Direct		1R03HD093547	93.865	Child Health and Human Development Extramural Research	20,706			
National Institutes of Health	Direct		RHD064727B	93.865	Child Health and Human Development Extramural Research	435,610	112,426		
National Institutes of Health	Direct		1R21HD086833-01	93.865	Child Health and Human Development Extramural Research	148,684			
National Institutes of Health	Direct		1R21 HD0076124-01A1	93.865	Child Health and Human Development Extramural Research	94			
National Institutes of Health	Direct		5 R01 HD044073-13	93.865	Child Health and Human Development Extramural Research	639,797			
National Institutes of Health	Direct		1 R21 HD087088-01A1	93.865	Child Health and Human Development Extramural Research	232,150	44,017		
National Institutes of Health	Direct		1 R0 HD089474-01	93.865	Child Health and Human Development Extramural Research	388,417			
National Institutes of Health	Direct		1R01HD067254-01/05	93.865	Child Health and Human Development Extramural Research	5,519			
National Institutes of Health	Direct		5 R21 HD075005-02	93.865	Child Health and Human Development Extramural Research	1,309			

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Direct		2 P20 HD075443-05	93.865	Child Health and Human Development Extramural Research	382,350	
National Institutes of Health	Direct		2R01HD053714 6-10	93.865	Child Health and Human Development Extramural Research	667,068	5,630
National Institutes of Health	Direct		1R01HD079461 YR01/05	93.865	Child Health and Human Development Extramural Research	569,597	
National Institutes of Health	Direct		5T32HD007502-20	93.865	Child Health and Human Development Extramural Research	208,802	
National Institutes of Health	Direct		1R01HD087395-01A1	93.865	Child Health and Human Development Extramural Research	207,456	47,483
National Institutes of Health	Direct		1F31HD090923 YR 01-0	93.865	Child Health and Human Development Extramural Research	24,687	
National Institutes of Health	Direct		1R01HD088959-01A1	93.865	Child Health and Human Development Extramural Research	196,116	
National Institutes of Health	Direct		1R01HD091232-01A1	93.865	Child Health and Human Development Extramural Research	437,360	163,297
National Institutes of Health	Direct		RHD061543B	93.865	Child Health and Human Development Extramural Research	511	
National Institutes of Health	Pass-Through	PragmaDX, Inc.	UNIV60203	93.865	Child Health and Human Development Extramural Research	7,780	
National Institutes of Health	Pass-Through	University of California Irvine	CA-IRVINE-2014-3050	93.865	Child Health and Human Development Extramural Research	143,890	12,698
National Institutes of Health	Pass-Through	University of California Los Angeles	UCLA-HD073975-05	93.865	Child Health and Human Development Extramural Research	14,690	
National Institutes of Health	Pass-Through	University of Colorado Boulder	1555885	93.865	Child Health and Human Development Extramural Research	25,901	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	HD083211 VUMC59370	93.865	Child Health and Human Development Extramural Research	(11,327)	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	6 P30 AI110527-02	93.865	Child Health and Human Development Extramural Research	39,469	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64028	93.865	Child Health and Human Development Extramural Research	8,610	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4206300153	93.865	Child Health and Human Development Extramural Research	4,920	
						\$ 4,808,530	\$ 385,551
National Institutes of Health	Direct		1R01AG043458-01A1	93.866	Aging Research	619,702	188,303
National Institutes of Health	Direct		7R01AG034067-02	93.866	Aging Research	357	
National Institutes of Health	Direct		1R21AG050483-01A1	93.866	Aging Research	200,897	68,647
National Institutes of Health	Direct		1R01AG056147-01	93.866	Aging Research	532,672	
National Institutes of Health	Direct		1 R21 AG053562-01	93.866	Aging Research	172,832	
National Institutes of Health	Direct		5 R21 AG45735-02	93.866	Aging Research	17,712	17,712
National Institutes of Health	Direct		5 K23 AG46379-02	93.866	Aging Research	137,757	
National Institutes of Health	Direct		1 R21 AG049332-01A1	93.866	Aging Research	239,369	125,600
National Institutes of Health	Direct		1R01AG054622	93.866	Aging Research	419,759	253,528
National Institutes of Health	Pass-Through	Metabolic Technologies, Inc.	1R44AG055184	93.866	Aging Research	238,068	152,288
National Institutes of Health	Pass-Through	University of Pittsburgh	9012425 (129146-1)	93.866	Aging Research	1,345	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC 64875	93.866	Aging Research	1,424	
						\$ 2,581,894	\$ 806,078
National Institutes of Health	Direct		1R01EY024354 01/03	93.867	Vision Research	137,022	
National Institutes of Health	Direct		2R01EY019882-05A1	93.867	Vision Research	260,941	
National Institutes of Health	Direct		2R01EY002686-37A1	93.867	Vision Research	518,117	
National Institutes of Health	Direct		REY021833B	93.867	Vision Research	271,837	
National Institutes of Health	Direct		1R01EY025275-01	93.867	Vision Research	370,582	
National Institutes of Health	Direct		REY008890F	93.867	Vision Research	374,538	
National Institutes of Health	Direct		1F32EY025538-01A1	93.867	Vision Research	56,234	
National Institutes of Health	Direct		1R21EY026176	93.867	Vision Research	290,634	149,988
National Institutes of Health	Direct		1R21EY024036	93.867	Vision Research	(17,989)	
National Institutes of Health	Direct		5T32EY021453-07	93.867	Vision Research	78,282	
National Institutes of Health	Direct		1EYR01EY013462-16A1	93.867	Vision Research	368,071	48,691
National Institutes of Health	Direct		4 R01 EY012018-19/20	93.867	Vision Research	405,716	16,911
National Institutes of Health	Direct		5 R01 EY11500-20	93.867	Vision Research	605,909	
National Institutes of Health	Direct		5 R01 EY24258-02	93.867	Vision Research	284,716	85,814
National Institutes of Health	Direct		5T32EY007135-23	93.867	Vision Research	285,535	
National Institutes of Health	Direct		1R01EY027402-01	93.867	Vision Research	219,571	
National Institutes of Health	Direct		1F32EY028041-01	93.867	Vision Research	47,090	
National Institutes of Health	Direct		R01EY025422-03	93.867	Vision Research	494,048	
National Institutes of Health	Direct		R01EY027729	93.867	Vision Research	214,794	63,908
National Institutes of Health	Direct		1R01EY006062	93.867	Vision Research	72,109	
National Institutes of Health	Direct		FEY023163A	93.867	Vision Research	(654)	
National Institutes of Health	Direct		REY008890E	93.867	Vision Research	(211)	
National Institutes of Health	Direct		REY006062H	93.867	Vision Research	9,776	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through
National Institutes of Health	Pass-Through	Oakland University	5 R01 EY02027-02	93.867	Vision Research	7,245	
National Institutes of Health	Pass-Through	University of Rochester	417255G/UR FAO GR510740	93.867	Vision Research	9,153	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 P30 EY8126-27	93.867	Vision Research	354,261	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	5 R01 EY23240-02	93.867	Vision Research	1,534	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	UNIV58522	93.867	Vision Research	139,650	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	EY027746 VUMC	93.867	Vision Research	14,390	
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	VUMC59688	93.867	Vision Research	(2,477)	
						\$ 5,870,424	\$ 365,312
National Institutes of Health	Direct		4T15LM007450-15	93.879	Medical Library Assistance	12,798	
National Institutes of Health	Direct		5T32LM012412-02	93.879	Medical Library Assistance	281,205	
National Institutes of Health	Direct		2T15LM007450	93.879	Medical Library Assistance	676,504	51,491
National Institutes of Health	Pass-Through	Vanderbilt University Medical Center	4224200013	93.879	Medical Library Assistance	(11)	
						\$ 970,496	\$ 51,491
National Institutes of Health	Direct		4D43TW009348-05	93.989	International Research and Research Training	68,980	67,630
National Institutes of Health	Direct		5 D43 TW009089-05	93.989	International Research and Research Training	196,331	87,012
National Institutes of Health	Direct		1R21TW010635	93.989	International Research and Research Training	54,867	2,837
						\$ 320,178	\$ 157,479
					Total Department of Health and Human Services	\$ 115,014,125	\$ 11,161,297
US Department of Homeland Security	Direct		HSCG23-17-C-MCR019	97.RD		69,536	
						\$ 69,536	\$ -
					Total Department of Homeland Security	\$ 69,536	\$ -
					Total Research and Development Cluster	\$ 191,665,452	\$ 23,013,793
<b>HIGHWAY PLANNING AND CONSTRUCTION CLUSTER</b>							
US Department of Transportation	Pass-Through	TN Department of Transportation	TDOT 40100-00617	20.205	Highway Planning and Construction	19,985	
US Department of Transportation	Pass-Through	TN Department of Transportation	TDOT 40100-03317	20.205	Highway Planning and Construction	11,600	
						\$ 31,585	\$ -
					Total Highway and Construction Cluster	\$ 31,585	\$ -
<b>MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING CLUSTER</b>							
Health Resources and Services Administration	Pass-Through	Catholic Charities of Tennessee	GR-18-57329	93.870	Maternal, Infant and Early Childhood Home Visiting Grant Progr	32,906	
						\$ 32,906	\$ -
					Total Maternal, Infant, and Early Childhood Home Visiting Cluster	\$ 32,906	\$ -
<b>SPECIAL EDUCATION CLUSTER (IDEA)</b>							
US Department of Education	Pass-Through	TN Department of Education	33136-01216 ST TDOE	84.027	Special Education_Grants to States	1,883	
US Department of Education	Pass-Through	TN Department of Education	33136-00718 DOE TN	84.027	Special Education_Grants to States	28,618	
						\$ 30,501	\$ -
					Total Special Education Cluster (IDEA)	\$ 30,501	\$ -
<b>STUDENT FINANCIAL ASSISTANCE CLUSTER</b>							
US Department of Education	Direct		P007A173941	84.007	Federal Supplemental Educational Opportunity Grants	897,836	
						\$ 897,836	\$ -
US Department of Education	Direct		P033A173941	84.033	Federal Work-Study Program	1,116,889	
						\$ 1,116,889	\$ -
US Department of Education	Direct			84.038	Federal Perkins Loan Program		
US Department of Education	Direct			84.038	Outstanding loans as of July 1, 2017	16,715,889	
US Department of Education	Direct			84.038	New loans issued during 2018	29,582	

Vanderbilt University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2018

Cluster Title/Federal Grantor/Program	Type	Pass-Through Grantor	Award Identifier	CFDA Number	CFDA Program Title	Federal Expenditures	Passed Through	
US Department of Education	Direct			84.038	Administrative Cost Allowance	720		
US Department of Education	Direct					\$ 16,746,191	\$ -	
US Department of Education	Direct		P063P172253	84.063	Federal Pell Grant Program	4,479,376		
						\$ 4,479,376	\$ -	
US Department of Education	Direct			84.268	Federal Direct Student Loans	91,248,691		
						\$ 91,248,691	\$ -	
US Department of Education	Direct		P379T172253	84.379	Teacher Education Assistance for College and Higher Education (	18,861		
						\$ 18,861	\$ -	
			Total US Department of Education				\$ 114,507,844	\$ -
US Department of Health and Human Services	Direct			93.264	Nurse Faculty Loan Program (NFLP)			
US Department of Health and Human Services	Direct			93.264	Outstanding loans as of July 1, 2017	5,438,295		
US Department of Health and Human Services	Direct			93.264	New loans issued during 2018	1,390,598		
						\$ 6,828,893	\$ -	
US Department of Health and Human Services	Direct			93.342	Health Professions Student Loans Including Primary Care Loans			
US Department of Health and Human Services	Direct			93.342	Outstanding loans as of July 1, 2017	4,985		
US Department of Health and Human Services	Direct			93.342	New loans issued during 2018			
						\$ 4,985	\$ -	
US Department of Health and Human Services	Direct			93.364	Nursing Student Loans			
US Department of Health and Human Services	Direct			93.364	Outstanding loans as of July 1, 2017	1,729,375		
US Department of Health and Human Services	Direct			93.364	New loans issued during 2018	555,336		
						\$ 2,284,711	\$ -	
US Department of Health and Human Services	Direct			93.408	ARRA - Nurse Faculty Loan Program (NFLP)			
US Department of Health and Human Services	Direct			93.408	Outstanding loans as of July 1, 2017	576,214		
US Department of Health and Human Services	Direct			93.408	New loans issued during 2018			
						\$ 576,214	\$ -	
			Total US Department of Health and Human Services				\$ 9,694,803	\$ -
			Total Student Financial Assistance Cluster				\$ 124,202,647	\$ -
<b>OTHER PROGRAMS</b>								
US Agency for International Development	Direct		AID-OAA-A-16-00021	98.001	USAID Foreign Assistance for Programs Overseas	1,186,119	154,497	
US Agency for International Development	Pass-Through	National Academy of Sciences	2000009510_AID0AAA1100C	98.001	USAID Foreign Assistance for Programs Overseas	612		
						\$ 1,186,731	\$ 154,497	
US Agency for International Development	Pass-Through	Universidad De Los Andes	AID-514-A-16-00004	98.011	Global Development Alliance	26,745		
						\$ 26,745	\$ -	
US Agency for International Development	Pass-Through	Camris International	MEL-VAND-001	98.U01		44,308		
US Agency for International Development	Pass-Through	Dexis Consulting Group	7001-S-18-001	98.U01		103,135		
						\$ 147,443	\$ -	
			Total US Agency for International Development				\$ 1,360,919	\$ 154,497
			Total Other Programs				\$ 1,360,919	\$ 154,497
			Total Federal Expenditures				\$ 317,324,010	\$ 23,168,290

## VANDERBILT UNIVERSITY

### Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2018

#### **(1) Basis of Presentation**

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") includes the federal activity of Vanderbilt University ("Vanderbilt") under programs of the federal government for the year ended June 30, 2018. 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 non-student financial aid awards include facilities and administrative costs (indirect costs). Facilities and administrative costs allocated to such awards for the year ended June 30, 2018 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. CFDA numbers and pass-through numbers are provided when available.

**VANDERBILT UNIVERSITY**

Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2018

**(3) Federal Student Financial Assistance Programs**

The Perkins, Nurse Faculty Loan Program (NFLP), Nursing Student Loan (NSL), Health Profession Student Loan (HPSL), and Primary Care Loan (PCL) 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, 2018 is included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2018 consists of:

Perkins	84.038	\$ 13,992,374
NFLP	93.264	5,821,676
NFLP ARRA	93.408	451,400
NSL	93.364	<u>1,962,469</u>
		<u>\$ 22,227,920</u>

Vanderbilt is responsible for the performance of certain administrative duties with respect to the guaranteed direct loan programs. 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, 2018.



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

To the Board of Trust of  
Vanderbilt University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the consolidated financial statements of Vanderbilt University (“the University”), which comprise the consolidated statements of financial position as of June 30, 2018, and the related consolidated statements of activities and of cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated October 11, 2018, except for Note 22, as to which the date is December 21, 2018.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered Vanderbilt University’s internal control over financial reporting (“internal control”) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Vanderbilt University’s internal control. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt University’s internal control.

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

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

**Compliance and Other Matters**

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



**Purpose of this Report**

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

*PricewaterhouseCoopers LLP*

October 11, 2018



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

To the Board of Trust of  
Vanderbilt University

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

We have audited Vanderbilt University's compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of Vanderbilt University's major federal programs for the year ended June 30, 2018. Vanderbilt University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

***Management's Responsibility***

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

***Auditors' Responsibility***

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

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

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

In our opinion, Vanderbilt University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2018.



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

Management of Vanderbilt University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and

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

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

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

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

*PricewaterhouseCoopers LLP*

December 21, 2018

**Vanderbilt University**  
**Schedule of Findings and Questioned Costs**  
Year Ended June 30, 2018

---

**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:*

<i>CFDA Number(s)</i>	<i>Name of Federal Program or Cluster</i>
<u>Various</u>	<u>Student Financial Assistance Cluster</u>

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 are reportable.

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

No matters are reportable.

**Vanderbilt University**

**Summary of Status of Prior Audit Findings**

Year Ended June 30, 2018

---

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