Drexel University and Subsidiaries
Financial Statements and
Schedule of Expenditures of Federal Awards and
Reports in Accordance with Uniform Guidance
For the Year Ended June 30, 2016
EIN # 23-1352630

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## **Report of Independent Auditors**

To the Board of Trustees Drexel University

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

We have audited the accompanying consolidated financial statements of Drexel University and its subsidiaries (the "University"), which comprise the consolidated statements of financial position as of June 30, 2016 and 2015, the related consolidated statements of activities and of cash flows for the years then ended, and the related notes to the consolidated 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 audit. We conducted our audit 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 the University as of June 30, 2016 and 2015, and the changes in 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 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 26, 2016 on our consideration of the 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. The purpose of that report is 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 internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

Philadelphia, Pennsylvania October 26, 2016

Rucewaterhouse Coopers LLP

I. Financial Statements	

## Drexel University and Subsidiaries Consolidated Statements of Financial Position June 30, 2016 and 2015

(in thousands)	2016			2015
Assets				
Cash and cash equivalents				
Operating	\$	116,559	\$	99,457
Restricted		12,277		7,341
Accounts receivable, net				
Tuition		75,181		73,917
Grants, contracts and other		62,666		71,461
Patients		7,848		8,950
Tenet Healthcare Corporation		2,127		1,852
Total accounts receivable, net		147,822		156,180
Contributions receivable, net		117,762		88,888
Other assets		31,667		36,847
Funds held by trustees		1,804		5,845
Student loans receivable, net		31,026		35,482
Malpractice insurance trust		9,398		10,599
Beneficial interests in trusts		48,212		53,507
Investments		663,881		681,073
Land, buildings and equipment, net		932,160		902,329
Total assets	\$	2,112,568	\$	2,077,548
Liabilities				
Accounts payable	\$	59,174	\$	58,379
Accrued expenses		114,481		112,975
Deposits		19,601		22,394
Deferred revenue		140,993		118,993
Capital lease		2,741		2,804
Government advances for student loans		29,360		28,513
Post-retirement and pension benefits		78,539		64,200
Bonds and notes payable		447,193		458,661
Total liabilities		892,082		866,919
Net assets				
Unrestricted		623,656		631,177
Temporarily restricted		236,774		255,432
Permanently restricted		360,056		324,020
Total net assets		1,220,486		1,210,629
Total liabilities and net assets	\$	2,112,568	\$	2,077,548

## Drexel University and Subsidiaries Consolidated Statement of Activities For the Year Ended June 30, 2016

(in thousands)	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Operating revenue Tuition and fees Less: Institutional financial aid	\$ 888,564 (269,583)	\$ - 	\$ -	\$ 888,564 (269,583)
Net student revenue	618,981	-	-	618,981
Patient care activities State appropriations Government grants and contracts Private grants and contracts Private gifts	99,789 8,074 94,077 24,107 2,155	92 40,233		99,789 8,074 94,077 24,199 42,388
Endowment payout under spending formula Investment income Sales and services of auxiliary enterprises Other sources	10,570 2,068 86,872 31,849	14,866 668 844	169	25,605 2,736 86,872 32,693
Net assets released from restrictions	55,214	(55,694)	480	
Total operating revenue	1,033,756	1,009	649	1,035,414
Operating expense College programs Research and public service Academic support Student services Institutional support Scholarships and fellowships Auxiliary enterprises Total education and general	369,432 117,292 27,926 49,628 143,243 17,804 39,100			369,432 117,292 27,926 49,628 143,243 17,804 39,100 764,425
Patient care activities Other operating expense Interest Depreciation and amortization Total operating expense	117,601 64,894 16,278 43,606 1,006,804			117,601 64,894 16,278 43,606 1,006,804
Change in net assets from operating activities	26,952	1,009	649	28,610
Non-operating activities Endowment and other gifts Realized/unrealized net loss on investments,	1,577		40,970	42,547
net of endowment payout Other non-operating activities	(25,023) (11,027)	(19,667)	(5,583)	(50,273) (11,027)
Change in net assets from non-operating activities	(34,473)	(19,667)	35,387	(18,753)
Change in net assets	(7,521)	(18,658)	36,036	9,857
Net assets Beginning of year	631,177	255,432	324,020	1,210,629
End of year	\$ 623,656	\$ 236,774	\$ 360,056	\$ 1,220,486

## Drexel University and Subsidiaries Consolidated Statement of Activities For the Year Ended June 30, 2015

(in thousands)	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Operating revenue				
Tuition and fees	\$ 872,924	\$ -	\$ -	\$ 872,924
Less: Institutional financial aid	(244,991)			(244,991)
Net student revenue	627,933		-	627,933
Patient care activities	103,199			103,199
State appropriations	8,064			8,064
Government grants and contracts	87,791			87,791
Private grants and contracts	16,468	20		16,488
Private gifts	6,658	60,341		66,999
Endowment payout under spending formula	11,076	14,294	100	25,470
Investment income	888	2,149		3,037
Sales and services of auxiliary enterprises	89,841			89,841
Other sources	28,315			28,315
Net assets released from restrictions	71,095	(71,211)	116	
Total operating revenue	1,051,328	5,593	216	1,057,137
Operating expense				
College programs	362,345			362,345
Research and public service	90,675			90,675
Academic support	28,747			28,747
Student services	47,501			47,501
Institutional support	138,080			138,080
Scholarships and fellowships	14,720			14,720
Auxiliary enterprises	43,076			43,076
Total education and general	725,144	-	-	725,144
Patient care activities	132,544			132,544
Other operating expense	61,657			61,657
Interest	15,869			15,869
Depreciation and amortization	43,685			43,685
Total operating expense	978,899			978,899
Change in net assets from operating activities	72,429	5,593	216	78,238
Non-operating activities				
Endowment and other gifts	-	-	16,578	16,578
Realized/unrealized net loss on investments,				
net of endowment payout	(4,414)	(11,364)	(3,216)	(18,994)
Other non-operating activities	(12,583)			(12,583)
Change in net assets from non-operating activities	(16,997)	(11,364)	13,362	(14,999)
Change in net assets	55,432	(5,771)	13,578	63,239
Net assets				
Beginning of year	575,745	261,203	310,442	1,147,390
End of year	\$ 631,177	\$ 255,432	\$ 324,020	\$ 1,210,629

## Drexel University and Subsidiaries Consolidated Statements of Cash Flows For the Years Ended June 30, 2016 and 2015

(in thousands)		2016		2015
Cash flow from operating activities				
Increase in net assets	\$	9,857	\$	63,239
Adjustments to reconcile change in net assets to				
net cash provided by operating activities:				
Depreciation and amortization		44,956		43,685
Provision for uncollectible accounts		6,645		13,024
Loss on disposal of equipment		2,319		517
Change in market value in beneficial interests in trusts		5,295		2,931
Contributions restricted for long-term investment Non-cash contributions received		(17,926)		(16,578)
		(1,480)		(13,663)
Proceeds from sale of donated securities		1,254		5,607
Actuarial change on annuity liabilities Realized/unrealized loss/(gain) on investments		1,859		7 4,281
Changes in operating assets and liabilities		19,373		4,261
Accounts receivable		1,855		(46,834)
Contributions receivable		(28,874)		(17,073)
Other assets		5,180		(2,849)
Accounts payable and accrued expenses		5,758		20,305
Post-retirement and pension benefits		14,339		8,455
Deposits		(2,793)		(16,668)
Deferred revenue		22,000		14,312
Net cash provided by operating activities		89,617		62,698
Cash flow from investing activities				
Purchase of investments		(58,886)		(554,636)
Proceeds from sales and maturities of investments		56,775		545,984
Change in malpractice insurance trust		1,201		(10,599)
Change in restricted cash		(4,936)		(324)
Proceeds from student loan collections		6,549		7,214
Student loans issued		(2,547)		(7,992)
Purchase of land, buildings and equipment		(82,231)		(54,667)
Change in funds held by trustees		4,041		14,989
Net cash used in investing activities		(80,034)		(60,031)
Cash flow from financing activities				
Contributions restricted for endowments		17,926		16,578
Proceeds from sales of donated securities		313		2,112
Payments on annuity obligations		(572)		(333)
Government advances for student loans		847		328
Proceeds from short-term debt		-		20,000
Repayment of long term debt		(10.00=)		(20,000)
Repayment of long-term debt  Net cash provided by financing activities		(10,995)		(10,036)
Net increase in cash and cash equivalents		7,519 17,102		8,649 11,316
		1/,102		11,310
Cash and cash equivalents Beginning of year		99,457		88,141
End of year	\$	116,559	\$	99,457
	Ψ	110,009	Ψ	221 <del>4</del> 0/
<b>Supplemental information</b>			,	
Gifts-in-kind	\$	154	\$	5,911
Cash paid for interest		16,682		16,796
Amounts accrued for purchase of land, buildings and equipment		14,267		9,525
Donated securities		1,637		7,752

Notes to Consolidated Financial Statements

June 30, 2016 and 2015

## 1. Nature of Organization and Summary of Significant Accounting Policies

#### **Basis of Consolidated Financial Statements**

Drexel University (the "University") is a private comprehensive global research university located in Philadelphia, Pennsylvania. The University is a tax exempt organization under Section 501 (c) (3) of the Internal Revenue Code. The consolidated financial statements include the University, the Academy of Natural Sciences of Philadelphia, Drexel University Online, LLC, Academic Properties, Inc., and the University's other subsidiaries which are described in detail in these notes. All University subsidiaries have a fiscal year ending June 30, unless otherwise indicated in this footnote. All subsidiary financial information included within the financial statements has been consolidated utilizing the University's fiscal year.

## **Basis of Accounting**

The financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. All revenues received and expenditures paid prior to the end of the fiscal year which relate to the following fiscal year are recorded and reflected as deferred revenues and prepaid expenses, respectively. Resources are reported for accounting purposes in separate classes of net assets based on the existence or absence of donor-imposed restrictions. In the accompanying financial statements, net assets that have similar characteristics have been combined into the categories as shown below.

#### **Permanently Restricted**

Net assets explicitly required by the donor to be maintained permanently by the University. Generally, the donors of these assets permit the University to use all or part of the income earned on these assets. Such assets are included in the University's permanent endowment funds.

#### **Temporarily Restricted**

Net assets subject to donor-imposed restrictions that can be fulfilled by actions of the University in accordance with those stipulations or by the passage of time. Endowment income and contributions with donor-imposed restrictions are reported as temporarily restricted and are reclassified to unrestricted net assets when the donor-imposed restrictions have been met.

#### Unrestricted

Net assets not subject to donor-imposed stipulations that may be designated for specific purposes by action of the Board of Trustees. Expenses are shown as decreases in unrestricted net assets. Expirations of donor-imposed stipulations are reported as net assets released from restrictions. Gains and losses on investments are reported as increases or decreases in unrestricted net assets unless explicit donor stipulation or law restricts their use.

## Academy of Natural Sciences of Philadelphia

Pursuant to an affiliation agreement dated September 13, 2011, the University owns 100% of the Academy of Natural Sciences of Philadelphia, doing business as the Academy of Natural Sciences of Drexel University ("ANS"). ANS, founded in 1812, is a tax exempt organization under Section 501 (c) (3) of the Internal Revenue Code. ANS is dedicated to encouraging and cultivating the sciences and advancing learning. ANS operates a public museum in Philadelphia and conducts systematic research and research in aquatic ecosystems, including integrating such research with education regarding biodiversity and environmental science in collaboration with the University and its students.

Notes to Consolidated Financial Statements

June 30, 2016 and 2015

## Academic Properties, Inc.

The University owns 100% of Academic Properties, Inc. ("API"), an exempt organization under Section 501 (c) (3) of the Internal Revenue Code. API manages properties used by the University, as well as other strategically located properties contiguous to its campus.

#### **Drexel University Online, LLC**

The University previously owned 100% of the issued and outstanding stock of Drexel e-Learning, Inc. ("DeL"), a for-profit entity. DeL was created to provide educational products and services through distance learning. On July 1, 2015, DeL merged with and into Drexel University Online, LLC ("DUO"), a non-profit, Delaware, single-member, limited liability company whose sole member is Drexel University. On that date, DUO became the surviving entity and will carry on all of the operations previously performed by DeL. Accordingly, as of July 1, 2015, the DeL legal entity ceased to exist.

## Dragon Risk Limited, Co.

Dragon Risk Limited, Co. ("DRLC") is a single member, limited liability company, formed and domiciled in the State of Vermont, of which Drexel University is the sole member. DRLC received its Articles of Organization on May 23, 2014 from the Vermont Secretary of State, its Certificate of Authority from the Vermont Department of Financial Regulation on June 11, 2014 and commenced business on July 1, 2014. Dragon Risk Limited, Co. provides excess liability coverage to Drexel University.

#### 11th Street Family Health Services, Inc.

11th Street Family Health Services, Inc. ("11th Street"), a Pennsylvania non-profit corporation, was formed on December 12, 2013. 11th Street is a non-profit real estate holding company of Drexel University, organized to operate in furtherance of the activities of Drexel University and to facilitate the use of new market tax credits in rehabilitating and expanding the structures located at 850 North 11th Street, Philadelphia (the "Property") which was donated from Drexel University on December 23, 2013. The Property is located in a qualified census tract that meets certain income, unemployment and poverty level requirements and qualifies under the New Market Tax Credit Program as a qualified active low-income community business (a "QALICB") as defined by Section 45D of the Internal Revenue Code of 1986, as amended, and Section 1.45D-1(d)(4) of the Code of Federal Regulations. The project is funded by a qualified low income community investment loan.

## 3509 Spring Garden, Limited Partnership

3509 Spring Garden, Limited Partnership ("3509 LP"), a Pennsylvania limited partnership, was formed on February 25, 2013 to acquire, own, rehabilitate, lease, manage and operate the 3509 Spring Garden property (the "Dornsife Center") in a manner that will qualify such rehabilitation for historic rehabilitation tax credits allowable pursuant to Section 47 of the Internal Revenue Code of 1986, as amended. The Dornsife Center is also located in a qualified census tract that meets certain income, unemployment and poverty level requirements and qualifies under the New Market Tax Credit Program as a QALICB. 3509 LP follows a calendar based fiscal year.

## 3509 Spring Garden, General Partner, Inc.

3509 Spring Garden, General Partner, Inc., ("3509 GP") a Pennsylvania corporation, is the sole general partner in 3509 LP. 3509 GP is a wholly owned subsidiary of the University. The officers of 3509 GP are also the officers and senior leadership of Drexel University. As part of the New Market Tax Credit and Historic Tax Credit transactions, a for-profit single purpose entity was needed to own the property and to own the 3509 LP QALICB. The 3509 LP QALICB was established, with 3509 GP acting as the general partner and holding a 90% interest. 3509 GP follows a calendar based fiscal year.

**Notes to Consolidated Financial Statements** 

June 30, 2016 and 2015

## 3509 Spring Garden, Master Tenant, Limited Partnership

3509 Spring Garden, Master Tenant, Limited Partnership ("3509 MTLP") a Pennsylvania limited partnership, was formed on August 21, 2013 to lease, manage and operate property owned by 3509 LP. 3509 MTLP has made an equity investment in 3509 LP and is also a partner with a 10% interest. 3509 MTLP consists of a general partner with 0.01% interest and a limited partner with a 99.99% interest. 3509 MTLP and 3509 LP have executed a historic tax credit pass-through agreement pursuant to which 3509 LP will elect under Section 50 of the Internal Revenue Code to pass through to the Partnership the federal tax credits to which it is entitled as a result of the historic buildings rehabilitation project. 3509 MTLP follows a calendar based fiscal year.

## 3509 Spring Garden, Master Tenant Manager, Inc.

3509 Spring Garden, Master Tenant Manager, Inc., ("3509 MTM") a Pennsylvania corporation, is the sole general partner in 3509 MTLP. 3509 MTM is a wholly owned subsidiary of the University. The officers of 3509 MTM are also the officers and senior leadership of Drexel University. As part of the New Market Tax Credit and Historic Tax Credit transactions, a separate, for-profit, single purpose entity was established to operate the sublease of the Dornsife Center to meet the QALICB requirements. 3509 MTM is the non-member manager of the property and the general partner and holding a 0.01% interest in 3509 MTLP. 3509 MTM follows a calendar based fiscal year.

## **Cash and Cash Equivalents**

Cash and cash equivalents represent demand deposits and other investments with an initial maturity date not exceeding 90 days. At June 30, 2016 and 2015, the University had cash balances in financial institutions, which exceed federal depository insurance limits. Management believes the credit risks related to these deposits to be minimal. Cash and cash equivalents are carried at cost, which approximates fair value. Restricted cash includes funds related to the Perkins Loan program and self-insurance trust escrow accounts.

## **Contributions Receivable**

Contributions and unconditional pledges are recorded at the present value of their expected future cash flows. Unconditional pledges that are expected to be collected within one year are recorded at their estimated net realizable value. Conditional pledges are not included as revenue until such time as the conditions are substantially met. Contributions are reported as an increase in the appropriate net asset category.

#### **Beneficial Interests in Trusts**

The University is the beneficiary of the income of certain trusts, but has neither possession nor control of the investments. Beneficial interests in trusts are classified as Level 3. (See Note 7 for investment level definitions). The trusts are valued based on the underlying securities held by the trusts and are primarily composed of equity and fixed income securities that have readily determinable values. The primary unobservable inputs used in the fair value measurement of the trusts are the present value of expected future cash flows. Significant fluctuation in the securities held in the trusts could result in a material change in fair value. Liabilities to beneficiaries are revalued annually based on the current interest rate tables from the Society of Actuaries, and are categorized as Level 3.

Notes to Consolidated Financial Statements

June 30, 2016 and 2015

#### **Fair Value of Financial Instruments**

The University applies fair value measurements to contributions receivable in the year of receipt, beneficial interests in trusts, investments, self-insurance escrow funds, internally held real estate of the endowment, funds held by trustees, interest rate swaps, and annuities. A reasonable estimate of the fair value of student loans receivable under government loan programs and refundable federal student loans cannot be made because the loans cannot be sold and can only be assigned to the U.S. Government or its designees. These loans are recorded at cost, less an allowance for doubtful accounts and the carrying value of the loans receivable from students under Drexel's loan programs approximate fair value. (Notes 6, 7, 8, and 12 for additional fair value disclosures).

#### **Patient Care Activities**

Faculty physicians participate in several physician practice plans that are managed by the University. Revenue and expenses related to these practice plans are recorded by the University as patient care activities. Patient care activities include patient service revenue and other physician service activities.

Patient service revenue is reported at the estimated net realizable amounts due from patients, third-party payers, and others for services rendered. The University provides care to patients under various reimbursement arrangements, including Medicare and Medicaid. These arrangements provide payment for covered services at agreed-upon rates under certain fee schedules and various discounts. Provisions have been made in the consolidated financial statements to estimate contractual adjustments, representing the difference between the customary charges for services rendered and agreed upon rates.

#### **Contributions**

All contributions are considered to be available for unrestricted use unless specifically restricted by the donor. Amounts received that are designated for future periods or restricted by the donor for specific purposes are reported as temporarily or permanently restricted. Contributions having restrictions that are general purpose in nature are released in the year of the donation.

Contributed property and equipment are recorded at fair value as of the date of the donation. If the donor restricts how long the asset must be used or how the asset is used, the contributions are recorded as restricted. In the absence of stipulations, these contributions are recorded as unrestricted.

#### **Non-operating Activities**

Non-operating activities include permanently restricted contributions, realized and unrealized gains and losses on investments, net of payouts under the endowment spending policies, post-retirement benefit plan and defined benefit pension plan adjustments, restructuring costs, distributions to special purpose tax credit entities and costs related to the dissolution of DeL and the formation of DUO.

Non-operating activities are detailed as follows:

(in thousands)	2016			2015
Endowment and other gifts Realized/unrealized net (loss) on investments,	\$	42,547	\$	16,578
net of endowment payout		(50,273)		(18,994)
Post-retirement and pension plan adjustments		(9,669)		(5,820)
Restructuring costs		(2,217)		(5,430)
US Bank distribution to 3509 Spring Garden entities		1,147		-
DeL/DUO merger-related expenses		(316)		(742)
Other consolidation adjustments and expenses		28		(591)
Change in net assets from non-operating activities	\$	(18,753)	\$	(14,999)

#### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### **Income Taxes**

The University has been granted tax-exempt status as a non-profit organization under Section 501(c) (3) of the Internal Revenue Code and, accordingly, files Federal Tax Form 990 (Return of Organization Exempt from Income Tax), annually. No provision for income taxes is required in the University financial statements. The University files U.S. federal, state and local information returns. The statute of limitations on the University's U.S. federal information returns remains open for three years following the year they are filed.

The University and its affiliates engage in activities that are subject to unrelated business income taxes for which appropriate income tax returns are filed (Note 15).

The Financial Accounting Standards Board ("FASB") issued Accounting Standards Codification ("ASC") 740-10, Accounting for Uncertainty in Income Taxes, which requires that a tax position be recognized or derecognized based on a "more likely than not" threshold. The University does not believe there are any uncertain tax positions that require recognition in the financial statements.

**Notes to Consolidated Financial Statements** 

June 30, 2016 and 2015

## **Accounting for Derivative Instruments and Hedging Activities**

The University entered into a variable-to-fixed swap agreement with Wells Fargo Bank, N.A. that converts the Series B of 2005 bonds to a fixed interest rate of 3.414% through the maturity of the bonds. The agreement resulted in losses of \$1,534,000 in 2016 and \$247,000 in 2015. The fair value of the interest rate swap agreement was a liability of \$6,101,000 and \$4,567,000, respectively, at June 30, 2016 and 2015.

The swap agreement is used by the University to reduce exposure to the volatility in variable interest rates on long-term debt (Note 11). There were no other swap agreements in effect as of June 30, 2016 or 2015. The fair value of the swap agreements is reported within accrued expenses in the consolidated statements of financial position. The change in the estimated fair value of terminating the interest rate swap agreement is included in realized and unrealized net loss / gain on investments in the non-operating section (Note 1) of the consolidated statements of activities.

## **New Accounting Pronoucements**

In May 2015, the FASB issued ASU 2015-07, Disclosures for Investments in Certain Entities that Calculate Net Asset Value per Share (or its Equivalent). ASU 2015-07 removes the requirement to categorize all investments measured at fair value using the net asset value per share practical expedient within the fair value hierarchy. The provisions of ASU 2015-07 are effective for fiscal years beginning after December 15, 2016, and require retrospective application to all periods presented. The University will adopt this standard in the next fiscal year. The University is currently evaluating the standard to determine the impact it will have on its financial statements.

In August 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Updated ("ASU") No. 2015-14, Revenue from Contracts with Customers (Topic 606). The core principle of Topic 606 is that revenue be recognized in manner that depicts the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be compensated in exchange for those goods or services. The guidance is effective for annual fiscal periods beginning after December 15, 2017. The University is currently evaluating the standard to determine the impact it will have on its financial statements.

In February 2016, the FASB issued ASU No. 2016-02, Leases (Topic 842), which is meant to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The guidance is effective for annual fiscal periods beginning after December 15, 2019. The University is currently evaluating the standard to determine the impact it will have on its financial statements.

In August 2016, the FASB issued ASU 2016-14, Presentation of Financial Statements for Not-for-Profit Entities, which revises the not-for-profit financial reporting model. ASU 2016-14 is meant to reduce the complexity of and add clarity to net asset reporting, add additional disclosure regarding nature of self-imposed limits on unrestricted net assets and donor restricted net assets, and add reporting requirements related to nature of expenses. ASU 2016-14 is effective for fiscal years beginning after December 15, 2017. The University is currently evaluating the standard to determine the impact it will have on its financial statements.

#### 2. Reclassification of Prior Year Presentation

The malpractice insurance trust asset category has been introduced on the Statement of Financial Position to clearly delinate these assets. The prior year amounts have been reclassified from Investments on the Statement of Financial Position to Purchase of investments in the Statement of

Cash Flows to conform with June 30, 2016 presentation. These reclassifications had no impact on the change in net assets.

## 3. Net Assets

Net assets included the following:				
(in thousands)		2016		2015
Unrestricted				
	\$	(050 560)	ф	(000 600)
Undesignated	Ъ	(350,763)	\$	(282,639)
Designated for colleges, departments and student loans		10.4.000		100 050
		134,298		128,958
Physical plant		612,718		535,752
Quasi-endowment funds		236,256		251,551
Reclassification for endowments with deficiencies		(8,853)		(2,445)
Total unrestricted		623,656		631,177
Temporarily restricted				
Funds for instruction, scholarships				
and capital expenditures		128,715		148,088
Endowment realized and unrealized gain		99,811		102,052
Reclassification for endowments with deficiencies		6,981		1,733
Life income and term endowment funds		1,267		3,559
Total temporarily restricted		236,774		255,432
Permanently restricted				
Endowment principal		315,208		277,859
Reclassification for endowments with deficiencies		1,871		712
Beneficial interests in trusts		35,313		38,081
Student loans and others		7,664		7,368
Total permanently restricted		360,056		324,020
Total net assets	\$	1,220,486	\$	1,210,629

## 4. Accounts Receivable

Accounts receivable are reported at their net realizable value. Accounts are credited in the allowance for doubtful accounts when they are determined to be uncollectible based upon management's assessment of the individual accounts. The allowance for doubtful accounts is estimated based on the University's historical losses and periodic review of the accounts.

Accounts receivable, net of allowances, as of June 30, were as follows:

(in thousands)	2016			2015
Tuition Grants, contracts, and other Patient, net of contractual allowance Tenet Healthcare Corporation	\$	101,206 65,771 12,835 2,127	\$	96,832 73,674 15,155 1,852
		181,939		187,513
Allowance for doubtful accounts:				
Tuition		(26,025)		(22,915)
Grants, contracts, and other		(3,105)		(2,213)
Patient		(4,987)		(6,205)
Accounts receivable, net	\$	147,822	\$	156,180

Student loans are disbursed based on financial need and include loans granted by the University from institutional resources and under Federal government loan programs. Students have a grace period until repayment is required based upon the earlier of graduation or no longer maintaining full-time status. The grace period varies depending on the type of loan. Loans accrue interest after the grace period and are repaid directly to the University. Student loans are uncollateralized and carry default risk.

The availability of funds for loans under Federal government revolving loan programs is dependent on reimbursements to the pool from repayments of outstanding loans. Funds advanced by the federal government of \$29,360,000 and \$28,513,000 at June 30, 2016 and 2015, respectively, are ultimately refundable to the government and are classified as liabilities in the statements of financial position. Outstanding loans cancelled under the program result in a reduction of the funds available to loan and a decrease in the liability to the government.

At June 30, 2016 and 2015, student loans consisted of the following:

(in thousands)	2016		6 201	
Federal government loan programs				
Perkins loan program	\$	20,138	\$	22,988
Health professions student loans and loans for				
disadvantaged students		3,590		4,039
Nursing student loans		34		28
Federal government loan programs		23,762		27,055
Institutional loan programs		9,979		11,101
		33,741		38,156
Less: Allowance for doubtful accounts		(2,715)		(2,674)
Student loans receivable, net	\$	31,026	\$	35,482

Allowances for doubtful accounts are established based on prior collection experience and current economic factors which, in management's judgment, could influence the ability of loan recipients to repay the amounts according to the terms of the loan. Student loans are considered past due when payment is not received within 30 days of the due date, and interest continues to accrue until the loan is paid in full or written off. When student loans receivable are deemed uncollectible, an allowance for doubtful accounts is established.

## 5. Contributions Receivable

Unconditional pledges are reported as contributions receivable and revenue in the appropriate net asset category. Contributions receivable with a payment more than a year from the pledge date are recorded net of a discount using rates as of June 30, 2016 and June 30, 2015 that range between 0.07% to 1.49% and 0.07% to 2.35%, respectively. The University considers these discount rates to be a Level 3 input in the context of ASC 820-10 (Note 7).

Net contributions receivable at June 30 were as follows:

(in thousands)	2016			2015		
Amounts due in						
Less than one year	\$	10,605	\$	30,412		
One to five years		58,646		35,400		
Greater than five years		69,567		45,522		
Gross contributions receivable		138,818		111,334		
Less:						
Allowance for uncollectibles		(336)		(648)		
Discounts to present value		(20,720)		(21,798)		
Total contributions receivable, net	\$	117,762	\$	88,888		

Outstanding conditional promises to give amounted to \$22,549,000 and \$30,852,000 at June 30, 2016 and 2015, respectively, which are dependent upon the fulfillment of certain conditions and, therefore, not included in the consolidated financial statements.

The following table summarizes the change in net contributions receivable as of June 30:

(in thousands)	2016	2015
Net contributions receivable at beginning of year	\$ 88,888	\$ 72,334
New pledges	55,223	36,213
Collections and adjustments	(27,737)	(11,611)
Decrease in allowance for uncollectibles	312	171
Net (increase)/decrease in present value discounts	 1,076	 (8,219)
Net contributions receivable at end of year	\$ 117,762	\$ 88,888

## 6. Investments and Investment Return

At June 30, 2016 and 2015, the fair value of the malpractice insurance trust and investments included the following:

	Fair value						
(in thousands)	2016			2015			
Equity securities	\$	284,591	\$	294,955			
Fixed income securities and bond funds		55,558		61,062			
Alternative investments		78,067		83,819			
Real estate and real assets funds		65,738		57,311			
Directly-held real estate		124,460		122,755			
Money market funds		11,629		17,994			
Total endowment investments		620,043		637,896			
Self-insurance escrow funds (Note 14)		53,236		53,776			
Total investments	\$	673,279	\$	691,672			

The following summarizes the University's total investment return and its classification in the financial statements for the years ended June 30, 2016 and 2015:

## **Drexel University and Subsidiaries** Notes to Consolidated Financial Statements

June 30, 2016 and 2015

	2016								
(in thousands)		restricted		mporarily estricted	Permanently Restricted			Total	
Investment income and realized/unrealized gains and (losses) Endowment payout under spending formula	\$	(14,453) (10,570)	\$	(4,801) (14,866)	\$	(5,414) (169)	\$	(24,668) (25,605)	
Realized/unrealized net loss on investments, net of endowment payout		(25,023)		(19,667)		(5,583)		(50,273)	
Operating investment income		2,068		668				2,736	
Total return on investments	\$	(22,955)	\$	(18,999)	\$	(5,583)	\$	(47,537)	
				20	015				

	2015									
(in thousands)		Unrestricted		Temporarily Restricted		Permanently Restricted		Total		
Investment income and realized/unrealized gains and (losses)	\$	6,662	\$	2,930	\$	(3,116)	\$	6,476		
Endowment payout under spending formula		(11,076)		(14,294)		(100)		(25,470)		
Realized/unrealized net loss on investments,										
net of endowment payout		(4,414)		(11,364)		(3,216)		(18,994)		
Operating investment income		888		2,149				3,037		
Total return on investments	\$	(3,526)	\$	(9,215)	\$	(3,216)	\$	(15,957)		

## 7. Fair Value of Financial Instruments

The three-level hierarchy for fair value measurements is based on observable and unobservable inputs to the valuation of an asset or liability at the measurement date. It prioritizes the inputs to the valuation techniques used 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). Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants ("exit price") at the measurement date.

The University maximizes the use of observable inputs and minimizes the use of unobservable inputs when measuring fair value. When available, fair value is based on actively-quoted market prices. In the absence of actively-quoted market prices, price information from external sources, including broker quotes and industry publications, is used. If pricing information from external sources is not available, or if observable pricing is not indicative of fair value, judgment is required to develop the estimates of fair value. In those cases, prices are estimated based on available historical financial data or comparable investment vehicles that reflect widely accepted market valuation practices.

In some cases, the inputs used to measure fair value might fall in different levels of the fair value hierarchy. In those cases, the lowest level input that is significant to a fair value measurement in its entirety determines the applicable level in the fair value hierarchy. Assessing the significance of a particular input to the fair value measurement in its entirety requires judgment and consideration of factors specific to the asset. Fair value measurements are categorized as Level 3 when a

significant number of price or other inputs, considered to be unobservable, are used in their valuations. The fair value hierarchy and inputs to valuation techniques are as follows:

- Level 1 Quoted prices (unadjusted) in active markets for identical assets and liabilities at the measurement date. Instruments categorized in Level 1 primarily consist of a broadly-traded range of equity and debt securities.
- Level 2 Inputs other than quoted prices included within Level 1 that are either directly or indirectly observable for the asset or liability, including quoted prices for similar assets or liabilities in active markets, inputs other than quoted prices that are observable for the asset or liability and inputs that are derived from observable market data by correlation or other means. Instruments categorized in Level 2 primarily include nonexchange traded fixed income securities, certain bond investments, mutual funds, structured products, and interest rate swaps.
- Level 3 Unobservable inputs for the asset or liability, including situations where there is little, if any, market activity for the asset or liability. Instruments categorized in Level 3 consist of partnership investments in hedge funds, alternative and private equities, contributions receivable and annuities, directly held real estate, and real estate fund investments.

As a practical expedient, the University estimates the fair value of an investment in an investment company fund at the measurement date using the reported net asset value (NAV). The fair values of alternative investments represent the University's ownership interest in the net asset value (NAV) of the respective fund. Investments held by the funds consist of marketable securities, as well as, securities that do not have readily determinable fair values. The fair values of the securities held that do not have readily determinable fair values are based on historical cost, appraisals, or other estimates that require varying degrees of judgment. If no public market exists for the investment securities, the fair value is determined by taking into consideration, among other things, the cost of the securities, prices of recent significant placements of securities of the same issue, and subsequent developments concerning the companies to which the securities relate.

As of June 30, 2016, the assets and liabilities measured at fair value for each hierarchy level were as follows:

	2016							
(in thousands)	Level 1		Level 2		Level 3			Total
Assets								
Funds held by trustees	\$	1,804	\$	_	\$	_	\$	1,804
Beneficial interests in trusts		-		-		48,212		48,212
Investments								
Equity securities		241,496		43,096		-		284,592
Fixed income securities and bond funds		10,933		44,625		-		55,558
Alternative investments		-		-		78,067		78,067
Real estate and real assets funds		647		30,859		34,231		65,737
Directly-held real estate		-		-		124,460		124,460
Money market funds		11,629		-				11,629
Investments held in endowment		264,705		118,580		236,758		620,043
Self-insurance escrow funds (Note 14)		53,236						53,236
Total investments		317,941		118,580		236,758		673,279
Total assets at fair value	\$	319,745	\$	118,580	\$	284,970	\$	723,295
Liabilities								
Interest rate swaps (Note 1)	\$	-	\$	6,101	\$	-	\$	6,101
Annuities		-		-		8,295		8,295
Total liabilities at fair value	\$	-	\$	6,101	\$	8,295	\$	14,396

	2015							
(in thousands)		Level 1		Level 2		Level 3		Total
Assets								
Funds held by trustees	\$	5,845	\$	-	\$	-	\$	5,845
Beneficial interests in trusts		-		-		53,507		53,507
Investments								
Equity securities		261,243		33,712		-		294,955
Fixed income securities and bond funds		11,520		49,542		-		61,062
Alternative investments		-		-		83,819		83,819
Real estate and real assets funds		749		14,395		42,167		57,311
Directly-held real estate		-		-		122,755		122,755
Money market funds		17,994		-		-		17,994
Investments held in endowment		291,506		97,649		248,741		637,896
Self-insurance escrow funds (Note 14)		53,776		_		-		53,776
Total investments		345,282		97,649		248,741		691,672
Total assets at fair value	\$	351,127	\$	97,649	\$	302,248	\$	751,024
Liabilities								
Interest rate swaps (Note 1)	\$	-	\$	4,567	\$	-	\$	4,567
Annuities						6,440		6,440
Total liabilities at fair value	\$	-	\$	4,567	\$	6,440	\$	11,007

Detail related to the fair value of investments that have been estimated using a net asset value equivalent (e.g. ownership interest in partners' capital to which a proportionate share of net assets is attributable) were as follows:

## **Drexel University and Subsidiaries** Notes to Consolidated Financial Statements

June 30, 2016 and 2015

				2016	
(in thousands)	Fa	ir Value	Unfunded Commitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period (If Applicable)
Multi-Strategy Hedge Funds (a)	\$	15,531		Annual/Quarterly	45-60/65 days
Distressed Debt Hedge Funds (b)		2,889		Annual/Quarterly	90 days
Fixed Income and Related Hedge Funds (c)		20,068		Quarterly	45 days
Private Capital Funds-Secondaries (d)		9,768	4,651		
Private Capital Funds-Venture Capital (e)		2,342	2,497		
Private Capital Funds - Distressed Assets (f)		4,390	721		
Private Capital Funds-Buy-out (g)		7,565	29,189		
Real Asset Funds (h)		14,957	6,474		
Real Estate Funds (i)		9,328	13,796		
Long/Short Equity Hedge Funds (j)		1,792	-	Annual	95 days
Private Capital Funds-Hedge Fund Seeder (k)		4,609	222		
Private Capital Funds-Mezzanine Debt (1)		9,113	1,879		
	\$	102,352	\$ 59,429		

- a. This category invests in hedge funds that pursue multiple strategies to diversify risks and reduce volatility. As of June 30, 2016 and 2015, respectively, the composite portfolio includes approximately 48% and 49% in distressed investments with a liquidation period of 1 to 3 years, 25% and 32% arbitrage opportunities, 14% and 6% in cash, 11% and 11% long/short equity and 2% and 2% in private equity investments which can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets in the portfolio. If these investments were held, it is estimated that the underlying assets would be liquidated over the next 1 to 3 years. The fair values of the investments have been estimated using the reported net asset value per share of the hedge fund.
- b. This category includes investments in hedge funds that invest in debt of companies in or facing bankruptcy. The investment managers seek to liquidate these investments in 1 to 3 years. The fair value has been estimated using the reported net asset value per share of the hedge fund.
- c. This category includes investment in hedge funds that invest in U.S. mortgage backed securities. The fair values of the investments have been estimated using the reported net asset value per share of the hedge fund.
- d. This category includes investments in private equity funds that invest in the secondary market. The private equity secondary market refers to the buying and selling of pre-existing investor commitments to private equity and other alternative investment funds. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2016, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 56% in 1 to 4 years; 44% in 5 to 7 years; and 0% in 8 to 10 years. At June 30, 2015, the liquidation periods were expected to be: 2% in 1 to 4 years; 64% in 5 to 7 years; and 34% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the private capital fund.

- e. This category includes investments in private equity funds that invest primarily in technology and healthcare companies in the U.S. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2016, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 40% in 1 to 4 years; and 60% in 5 to 7 years (with the inclusion of a new investment in FY2015). At June 30, 2015, the liquidation periods were expected to be: 74% in 1 to 4 years; 26% in 5 to 7 years; and 0% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- f. This category includes investments in private equity funds that invest in the distressed asset and middle market corporate distressed markets. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2016, it is estimated that the underlying assets of the fund would be liquidated over 1 to 4 years, versus 5 to 7 years at June 30, 2015. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- g. This category includes investments in private equity funds that invest in buy-outs. A buy-out is a purchase of a company or a controlling interest of a corporation's shares or product line or some business. These investments are diversified across industries and primarily in the U.S. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2016, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 23% over 1 to 4 years; 0% in 5 to 7 years; and 77% over 8 to 10 years. At June 30, 2015, the liquidation periods were expected to be: 63% in 1 to 4 years; 0% in 5 to 7 years; and 37% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- h. This category includes investments in private equity funds that invest primarily in real assets (e.g. investments with intrinsic value, such as real estate or commodities). These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2016, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 66% in 1 to 4 years; 29% in 5 to 7 years; and 5% in 8 to 10 years. At June 30, 2015, the liquidation periods were expected to be: 25% in 1 to 4 years; 49% in 5 to 7 years; and 26% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the real asset fund.
- i. This category includes investments in private equity funds that invest in U.S. commercial real estate. These investments can never be redeemed. Instead, distributions are received through the liquidation of the underlying assets of the fund. At June 30, 2016, it is estimated that the fund's underlying assets would be liquidated over the following time frames: 91% in 1 to 4 years; 0% in 5 to 7 years; and 9% in 8 to 10 years. At June 30, 2015, the liquidation periods were expected to be: 73% in 1 to 4 years; 26% in 5 to 7 years; and 1% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the real estate fund.

- j. This category includes investments in hedge funds that invest primarily in U.S. common stocks with both long and short strategies. Management of the hedge funds has 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. The fair values of the investments have been estimated using the reported net asset value per share of the hedge fund.
- k. This category includes investments in private equity funds that invest in newly-started hedge funds that pursue multiple strategies. The fund provides start-up funding to hedge funds of various strategies with the potential to share in the appreciation of the investment, as well as to share in the management fees gathered by the underlying start-up hedge funds. As of June 30, 2016 and 2015, respectively, the fund's underlying investments were 46% and 48% long/short global equity, 12% and 7% in macro and commodity trading, 30% and 22% in diversified credit, 2% and 7% in arbitrage opportunities, and 10% and 16% in global event-driven opportunities. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. It is estimated that the underlying assets would be liquidated in 1 to 5 years at June 30, 2016 and 2 to 6 years at June 30, 2015. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- 1. This category includes investments in private equity funds that provide mezzanine debt financing to middle market firms. Mezzanine debt differs from mortgage debt in that the mezzanine debt is backed by equity interests in the borrowing firm, versus mortgage financing which is backed by the asset. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. It is estimated that the underlying assets of the fund would be liquidated over 5 to 7 years at June 30, 2016 and 2015. The fair value has been estimated using the reported net asset value per share of the private capital fund.

Investment in real estate and real estate funds reflect the fair value of the specific assets or the underlying ventures' net assets. The valuations of real estate investments are updated periodically through valuation estimates prepared by an independent valuation expert or by estimates prepared by the underlying real estate holding entity's General Partner for real estate funds.

The University owns partnership interests in a real estate portfolio classified real estate and real estate funds as a Level 3 asset. The interests have a fair market value of \$9,946,000 net of \$14,224,000 in outstanding debt. The valuation of these investment properties is prepared annually by an independent appraiser.

The significant unobservable inputs used in the fair value measurements of the University's investments in real estate are the selection of certain investment rates (discount rate, terminal capitalization rate, and overall capitalization rate). Significant increases or decreases in any of those inputs in isolation would result in a significantly lower or higher fair value measurement, respectively.

The change in the University's Level 3 assets and liabilities as of June 30 included the following:

(in thousands)	2016			2015		
Assets at beginning of year	\$	302,248	\$	305,992		
Net realized/unrealized gains/(losses) Purchases of investments Sales of investments Transfers to other levels Transfers from other levels		(4,363) 18,305 (31,220) -		4,864 57,135 (65,743) -		
Assets at end of year	\$	284,970	\$	302,248		
(in thousands)		2016		2015		
Annuities at beginning of year Actuarial change on annuity liabilities Payments on annuity liabilities	\$	6,440 2,427 (572)	\$	6,430 704 (694)		
Annuities at end of year	\$	8,295	\$	6,440		

## 8. Endowment Funds

The University has an investment policy for endowment assets designed to maximize the total return within an acceptable level of risk consistent with long-term preservation of the real value of the funds. The goal is to manage the portfolio for risk as well as total return, consistent with fiduciary standards of the prudent investor rule.

To satisfy its rate-of-return objectives, the University relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). Endowment assets are invested in several asset classes and subclasses thereof to moderate the volatility of the returns for the entire portfolio.

For the years ended June 30, 2016 and 2015, the University had an endowment spending rule that limited the spending of endowment resources to 4.75% of the average fair value of the pooled endowment portfolio for the prior seven fiscal years, with the exception of ANS. For the years ended June 30, 2016 and 2015, ANS had an endowment spending rule that limited the spending of endowment resources to 6.5% of the fair market value of the pooled endowment assets for the prior seven fiscal years. This rule was applied except in cases where the spending rate had been stipulated by the donor agreement (typically 5.0%).

The University's endowment funds include both donor-restricted funds and funds designated by the Board of Trustees to function as endowments (quasi endowments). Net assets associated with endowment funds are classified and reported based on the existence or absence of donor-imposed restrictions. The earnings on these funds are utilized by the University in a manner consistent with specific donor restrictions on the original contributions.

Notes to Consolidated Financial Statements June 30, 2016 and 2015

## **Interpretation of Relevant Law**

The Board of Trustees has interpreted Pennsylvania Act 141 ("PA Act 141") as requiring the preservation of the fair value of the original gift as specified in the individual trust instruments. As a result of this interpretation, the University classifies as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) earnings of the endowment made in accordance with the direction of the applicable donor designation. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the organization in a manner consistent with the standard of prudence prescribed by PA Act 141. Endowment composition by type of fund as of June 30 was as follows:

	2016								
(in thousands)	Unrestricted				Permanently Restricted			Total	
Donor-restricted endowment funds Board-designated endowment funds	\$	24,021 191,020	\$	111,900	\$	317,198	\$	453,119 191,020	
Total assets	\$	215,041	\$	111,900	\$	317,198	\$	644,139	
				201	15				
(in thousands)	Unı	estricted		nporarily estricted		manently estricted		Total	
Donor-restricted endowment funds Board-designated endowment funds	\$	23,281 210,276	\$	131,093 -	\$	277,308 -	\$	431,682 210,276	
Total assets	\$	233,557	\$	131,093	\$	277,308	\$	641,958	

Changes in the University's endowment assets for the years ended June 30, 2016 and 2015 were as follows:

	2016								
(in thousands)	Unn	estricted		nporarily estricted	Permanently Restricted			Total	
(in inousanas)	Unr	estricted	K	estricted	K	estricted		Total	
Endowment at beginning of year	\$	233,557	\$	131,093	\$	277,308	\$	641,958	
Investment return on endowment assets		(4,173)		(9,767)		(1,405)		(15,345)	
Reclassification for funds with deficiencies		(6,396)		5,237		1,159			
Total endowment return		(10,569)		(4,530)		(246)		(15,345)	
Contributions Use of endowment assets		-		73		42,633		42,706	
Endowment payout used in operations		(10,570)		(14,866)		(169)		(25,605)	
Other		2,623		130		(2,328)		425	
Total uses		(7,947)		(14,736)		(2,497)		(25,180)	
Endowment at end of year	\$	215,041	\$	111,900	\$	317,198	\$	644,139	
					015				
				nporarily	Per	rmanently			
(in thousands)	Unr	estricted			Per	manently estricted		Total	
,	Unr \$	estricted		nporarily estricted	Per	estricted	\$		
(in thousands)  Endowment at beginning of year Investment return on endowment assets			Re	nporarily	Per R	•	\$	Total 638,639 14,308	
Endowment at beginning of year		231,774	Re	nporarily estricted 143,460	Per R	263,405	\$	638,639	
Endowment at beginning of year Investment return on endowment assets		231,774 11,203	Re	nporarily estricted 143,460 3,078	Per R	263,405 27	\$	638,639	
Endowment at beginning of year Investment return on endowment assets Reclassification for funds with deficiencies		231,774 11,203 (839)	Re	nporarily estricted 143,460 3,078 564	Per R	263,405 27 275	\$	638,639 14,308	
Endowment at beginning of year Investment return on endowment assets Reclassification for funds with deficiencies Total endowment return		231,774 11,203 (839)	Re	143,460 3,078 564 3,642	Per R	263,405 27 275 302	\$	638,639 14,308 - 14,308	
Endowment at beginning of year Investment return on endowment assets Reclassification for funds with deficiencies Total endowment return Contributions Use of endowment assets Endowment payout used in operations		231,774 11,203 (839) 10,364 - (11,076)	Re	143,460 3,078 564 3,642 (962)	Per R	263,405 27 275 302 15,682	\$	638,639 14,308 - 14,308 14,720 (25,470)	
Endowment at beginning of year Investment return on endowment assets Reclassification for funds with deficiencies Total endowment return Contributions Use of endowment assets Endowment payout used in operations Other		231,774 11,203 (839) 10,364 - (11,076) 2,495	Re	143,460 3,078 564 3,642 (962) (14,294) (753)	Per R	263,405 27 275 302 15,682 (100) (1,981)	\$	638,639 14,308 - 14,308 14,720 (25,470) (239)	
Endowment at beginning of year Investment return on endowment assets Reclassification for funds with deficiencies Total endowment return Contributions Use of endowment assets Endowment payout used in operations		231,774 11,203 (839) 10,364 - (11,076)	Re	143,460 3,078 564 3,642 (962)	Per R	263,405 27 275 302 15,682	\$	638,639 14,308 - 14,308 14,720 (25,470)	

## **Endowment Funds with Deficiencies**

From time to time, the fair value of some assets associated with individual donor-restricted endowment funds may fall below the level that donors require to be retained as a perpetual fund. The aggregate amount of funds with deficiencies is reported in unrestricted net assets in the consolidated statement of activities. Subsequent investment gains will be used to restore the balance to the fair market value of the original amount of the gift. Subsequent gains above that amount will be recorded as temporarily restricted net assets. Aggregate deficiencies were \$8,824,000 and \$2,445,000 as of June 30, 2016 and 2015, respectively.

## 9. Land, Buildings and Equipment

Land, buildings and equipment are stated at cost or, if acquired by gift, at the appraised value on the date of acquisition. Amortization and depreciation are computed on a straight-line basis over the lesser of the estimated useful lives of the assets ranging from 3 to 30 years for equipment and software and 5 to 50 years for buildings and improvements or the shorter of the term of the lease.

The University determined that there were legal obligations to retire certain facilities and equipment. The total asset retirement cost and obligation was \$3,061,000 and \$5,836,000 at June 30, 2016 and \$3,122,000 and \$5,487,000 at June 30, 2015, respectively, and is included in buildings and improvements and accrued expenses, respectively, on the consolidated statements of financial position. In 2016 and 2015, depreciation and accretion expense amounted to \$29,000 and \$43,000, respectively, and \$259,000 and \$132,000, respectively.

The University maintains ownership of a parcel of property located at 1200 Chestnut Street, Philadelphia, PA. The use of the building is restricted for use by the Thomas R. Kline School of Law's Trial Advocacy Program.

Land, buildings and equipment at June 30 included the following:

(in thousands)	2016			2015
Works of art	\$	11,030	\$	10,918
Land and improvements		133,094		132,808
Buildings and improvements		970,196		914,955
Equipment, software and library books		209,138		208,328
Construction in progress		72,155		63,869
		1,395,613		1,330,878
Less: Accumulated depreciation		(463,453)		(428,549)
Total land, buildings and equipment	\$	932,160	\$	902,329

Notes to Consolidated Financial Statements June 30, 2016 and 2015

#### 10. Leases

Future minimum payments by year and in the aggregate under non-cancelable operating leases, with initial or remaining terms of one year or more, are as follows:

(in	thousands	3)
-----	-----------	----

June 30,	
2017	\$ 18,492
2018	17,246
2019	16,457
2020	15,335
2021	14,870
Thereafter	 22,383
Total minimum lease payments	\$ 104,783

Total rent expense for operating leases amounted to \$19,360,000 and \$21,182,000 for the years ended June 30, 2016 and 2015, respectively.

The University leases educational, research, and medical office space from Tenet under an operating lease expiring June 30, 2022. The future minimum payments are included in the table above. Total rent expense for the Tenet operating lease was \$7,991,000 for each of the years ended June 30, 2016 and 2015.

The University entered into an agreement with the Commonwealth of Pennsylvania (the "Commonwealth") on August 1, 2002 to lease space in the Armory Building (the "Armory") at no cost for an initial period of fifty years during which time the University agreed to complete certain improvements to the Armory at the University's expense. Thereafter, the lease may be renewed for two, additional twenty-year periods at fair value. In the event the Commonwealth should desire to sell the property during the initial or additional lease periods, the University has the option to purchase the Armory for \$1,700,000, adjusted for inflation. There were \$371,000 and \$62,000, respectively, capitalized for improvements in fiscal years 2016 and 2015. Estimated costs for the required improvements amounted to \$2,741,000 and \$2,804,000 at June 30, 2016 and 2015, respectively. These costs have been capitalized and a comparable capital lease liability recorded.

On January 23, 2012, the University and ACC OP (Chestnut PA), LLC, an affiliate of American Campus Communities ("ACC"), entered into a triple net ground lease structure governing the conveyance of the land area located on 3200 Chestnut Street with a base lease term of forty years and three, ten year option periods. In consideration for the right to develop, own, and operate the proposed project referred to as "Chestnut Square" on the University's campus, ACC will pay the University annual ground rent of \$254,000. Chestnut Square includes 360,000 square feet of residential space, housing approximately 863 students. The facility also includes 36,000 square feet of retail and office space along the Chestnut Street frontage. The structures consist of two eight story low-rise buildings and a nineteen story high-rise residential tower at the corner of 32<sup>nd</sup> and Chestnut Streets. A 101,500 square foot parking structure containing 267 spaces is also included for the south side of the existing Creese Student Center. The University bears no cost of the Chestnut Square project. At the end of the lease (40-70 years), the asset reverts to the University.

On August 30, 2013, the University entered into a land purchase agreement with 3175 JFK Associates, LP and L-A 31, LP, both affiliates of ACC, whereby ACC contributed land, air rights and a subsurface parcel it owned contiguous to Drexel's campus (i.e. 3175 JFK Boulevard) to the University as a gift, without any purchase consideration, but retained the ownership of the "University Crossings" building and improvements erected on this land. The University Crossings property consists of 1.15 acres of land and a 17-story, 452,483 square foot building with 261 units and a total bed capacity of 1,016. As a condition of the land purchase agreement, Drexel and ACC also entered into a ground lease agreement whereby Drexel leased the land back to ACC for no consideration other than reimbursement of property tax that Drexel would be required to pay as the land owner. The term of the lease is forty years with an option to renew for three consecutive ten year terms. Payments to the University from ACC are recorded as a cost recovery of property taxes. Within five years from the effective date, ACC is required to complete no less than \$22,327,000 in capital improvements. The University's financial statements include a ground lease liability for the sub-parcel and air rights at June 30, 2016, and 2015 of \$11,150,000 and \$11,450,000, respectively. The University recognized \$300,000 of ground lease income related to this agreement during fiscal years 2016 and 2015.

The University entered into ground lease agreement with ACC OP (Lancaster PA), LLC ("ACC Lancaster"), an affiliate of ACC, on August 30, 2013 for property located at 3400 Lancaster Avenue to undertake "The Summit" project on the University's campus. The Summit project features a tiered eight story and five story mid-and low-rise building along Lancaster Avenue which includes 19,120 square feet of ground floor retail that faces Lancaster Avenue and 34th Street, a 23 story residential tower that sits on a one story student amenity plinth and a one story dining venue. The initial term of the lease is forty years, with an option to renew for three consecutive ten year terms. In consideration for the right to develop, own, and operate The Summit, ACC will pay the University annual ground rent of \$725,000.

In tandem with the execution of the ground lease agreement, the University entered into a sublease agreement with ACC Lancaster, for the dining facility at The Summit property at 3400 Lancaster Avenue. The sublease calls for annual rent payments of \$741,395 for the first thirty years of the sublease. The sublease is, in all respects, subject to and subordinate to the ground lease between the University and ACC established on August 30, 2013, to develop the 3400 Lancaster Avenue property. The term of the sublease follows the term of the ground lease, commencing September 2015. The initial term is 40 years with three, tenyear renewal options. At the expiration or sooner termination of the ground lease, title shall vest with the University and belong exclusively to the University without any interest on the part of ACC. The sublease provides a rent prepayment option, which allows the full 30 years of rent for the dining facility to be satisfied with an upfront payment of \$9,200,000. The University executed the option in September 2015. The amount will be capitalized and amortized over the term of the lease.

In June 2014, the University entered into ground lease agreements with Wexford 3750 Lancaster Avenue, LLC, Wexford 115 North 38th Street, LLC, Wexford 225 North 38th Street, LLC, and Wexford 3701 Filbert Street, LLC (all to be referred to as "Wexford") for property located at 3601 Filbert Street. Wexford has prepaid the University \$17,616,000, the full amount of the lease. The prepayment has been recorded as deferred rental income and will be amortized over the 99-year term of the lease. In addition, Drexel is obligated to fund an amount not to exceed \$13,200,000 for the development of the property.

On December 17, 2014, the University entered into a ground lease agreement with Study Philadelphia Holding, LLC ("SPHLLC") to build an upscale hotel, "The Study", on University property located at 3301 Chestnut Street and 20-40 South 33<sup>rd</sup> Street. The hotel will feature ground floor restaurant and retail space, a conference center, approximately 212 hotel rooms, and accessory hotel amenities, with a main entrance on 33<sup>rd</sup> Street. The hotel includes a ten-story building, totaling 145,000 square feet of space. The base term of the lease is fifty years with two, ten year renewal options. In consideration for the right to develop, own, and operate the property, SPHLLC will pay the University annual ground rent ranging from \$150,000 to \$167,000 over the fifty year term of the lease. The commencement date is twenty-four months from the date of the lease or the opening date whichever is earlier. Upon the expiration of the lease, the leased premises will become the property of the University.

On October 2, 2015, the University entered into a ground lease agreement with RPG 32 Race, LP ("RPG") for University property located at 3201 Race Street. RPG intends to lease the property and develop a 178,00 square foot multi-storied, mixed-use facility, consisting of 164 "Class A" rental apartment units, 13,800 square foot childcare center, ancillary amenities and improvements including a café and rooftop sundeck, 27 on-site parking spaces, accommodation for customer curbside drop-off for use in connection with the childcare center. Nobel Learning Communities, Inc. is the approved childcare operator. Construction began in March 2016 and substantial completion is estimated by August 2017. The annual rent commencement date is defined as twelve months following the substantial completion of the project. The initial term of the lease is seventy-five years with the option to extend the lease for one additional term of twenty-four years. In consideration for the right to develop, own and operate the property, RPG will pay the University annual ground round ranging from \$160,000 to \$312,000 over the initial term of the lease.

## 11. Bonds and Notes Payable

(in thousands)	Project	Maturity	Interest Rate	2016	2015
<b>Description</b> Dormitory Bonds of 1969	Calhoun Hall	2014-2019	3.00%	220	290
Pennsylvania Higher Educational					
Facilities Authority Revenue Bonds	Capital improvements				
Second Series of 2000	and equipment	2019-2026	Variable	22,500	22,500
Series B of 2002	Matheson Hall improvements, new research center, other				
	improvements	2015-2032	Variable	41,505	41,825
Series A of 2005	Capital improvements				
	and equipment	2014-2034	3.20-5.00%	24,999	26,162
Series B of 2005	Advance refunding	2019-2030	Variable	29,625	29,625
Series A of 2007	New laboratory	2030-2037	4.50-5.00%	95,242	95,382
Series B of 2007	Dormitory & Wellness Center; capital improvements and				
	equipment Refund mortgage, capital improvements	2014-2037	Variable	25,635	26,345
Series of 2007	and equipment	2014-2037	3.75-5.00%	19,353	19,903
Series A of 2011	Partial cost of buildings for the Colleges of Business and Media Arts & Design, Department of Biology; Stratton Hall renovations; refunding	0014 0041			
Series of 2012	Refunding	2014-2041	2.00-5.25%	145,660	150,784
Series of 2012	Retuilding	2014-2032	1.00-5.00%	22,914	26,305
11th Street Family Health Services Inc.					
The Reinvestment Fund, Inc.	New Market Tax Credit Program	2043 2043	1.297% 1.297%	2,717 6,783	2,717 6,783
3509 Spring Garden, LP					
Philadelphia Industrial					
Development Corp.	New Market Tax Credit Program	2044	1.517%	1,964	1,964
Development corp.	New Market Tax Credit Frogram	2044	1.517%	4,826	4,826
U.S. Bank Corp Community		2044	1.31/70	4,020	4,020
Development Entity	New Market Tax Credit Program	2044	1.00%	1,045	1,045
Development Entity	Tien market fax eredit i fogfalli	2044	1.00%	2,205	2,205
		2044	1.00/0	2,205	2,205
Total bonds and notes payable				\$ 447,193	\$ 458,661

The variable rates of interest on the Pennsylvania Higher Educational Facilities Authority Revenue Bonds are based on the weekly rate determined by the remarketing or auction agent, not to exceed 16% per annum. The total market value of the \$427,443,000 bonds was \$445,543,000 at June 30, 2016, based on a comparison to current interest rates. The bonds are considered to be a Level 2 liability. Included in the bonds and notes payable balance are premiums totaling \$10,203,000 and \$10,717,000 for the fiscal years ended June 30, 2016 and 2015, respectively.

The Dormitory bonds of 1969 are collateralized by first mortgages on the associated buildings and first liens on, and pledges of, the net revenues derived from the building operations.

The 2002, 2005, 2007, 2011, and 2012 bonds are secured by a security interest in unrestricted gross revenues.

Debt maturities for the fiscal years ending are as follows:

	Remarketed				
(in thousands)	Maturities	Debt	To	tal Debt	
June 30,					
2017	11,438	1,070		12,508	
2018	11,913	1,115		13,028	
2019	8,568	5,130		13,698	
2020	10,163	4,005		14,168	
2021	9,078	5,730		14,808	
Thereafter	276,768	102,215		378,983	
			\$	447,193	

The Second Series of 2000 and Series B of 2002, Series B of 2005 and Series B of 2007 bonds have remarketing terms and related standby letters of credit which could change the maturity dates. These issues have been included in the above table based on the current terms of the loans. In the event that the remarketing efforts were to fail, the maturities would reflect the terms of the letters of credit as follows:

(in thousands)	Remarketed Debt
June 30,	
2017	14,973
2018	36,308
2019	34,799
2020	27,260
2021	5,925
Thereafter	
	\$ 119,265

#### **Lines of Credit**

Only July 1, 2014, the University assumed a line of credit previously held by the Pennsylvania Health and Education Corporation (PHEC) as part of the merger of PHEC into Drexel on that date. The line of credit is a term note for a total of \$3,500,000 for equipment purchases that accrues interest based on Libor plus 1.25%. Advances are available with equal payments of principal and interest due sixty months thereafter. The line of credit is secured by a lien and security interest in deposits or other sums held by the lender or its affiliates. There were no amounts outstanding at June 30, 2016 and 2015.

Total unsecured Revolving Credit Facilities ("Facilities") of \$55,000,000 matures on December 31, 2017, and accrues interest based on Intercontinental Exchange Benchmark Administration "ICE" (subject to a floor of 0.75%) for the University. It can be extended annually based upon the mutual agreement of the University and the bank maintaining the Facilities. At June 30, 2016, the interest rate was 0.75% and there were no amounts outstanding.

#### 12. Retirement Plans

#### **Defined Benefit and Defined Contribution Plans**

The University established the Drexel University Defined Contribution Retirement Plan ("DU DC") effective April 1, 1972. The DU DC was most recently amended and restated, effective January 1, 2015, to (i) reflect the merger of the Philadelphia Health & Education Corporation Defined Contribution Retirement Plan ("PHEC DC") with the DU DC and the transfer of its assets and liabilities to the DU DC; (ii) reflect the merger of the Drexel University Tax-Deferred Annuity ("DU TDA") Plan with the DU DC and the transfer of its assets and liabilities to the DU DC; (iii) incorporate prior amendments to the DU DC; and (iv) make certain other desirable changes. Drexel University is the DU DC administrator. The trustees of the DU DC are Teachers Insurance and Annuity Association - College Retirement Equities Fund, as agent for JP Morgan Chase Bank, N.A. ("TIAA-CREF"), Vanguard Fiduciary Trust Company ("Vanguard") and Fidelity Management Trust Company ("Fidelity").

The DU DC is subject to the provisions of the Employee Retirement Income Security Act of 1974. The Institution's Investment Committee determines the appropriateness of the plan's investment offerings, monitors investment performance, and reports to the Institution's Board, who is responsible for the oversight of the Plan.

All eligible employees, defined as a full-time staff or faculty member, or a part-time employee who earns 1,000 hours of service or more during the 12-consecutive calendar month period beginning with his or her date of hire, are able to contribute their own deferrals on a pre-tax basis. Effective, January 1, 2015, all full-time faculty and professional staff who do not enroll in the DU DC within 31 days of their date of hire will be automatically enrolled at a rate of two percent (2%) to the default vendor, TIAA-CREF, with the next available payroll. Contribution changes, including stopping participation can be done at any time. Provided that an eligible employee contributes at least one percent (1%) of compensation, the University contributes a "Basic Contribution" to the DU DC equal to three percent (3%) for an eligible employee under the age of 50, and five percent (5%) for those 50 or older. The University contributes matching contributions to DU DC that are equal to one hundred percent (100%) of an eligible employee's contributions up to six percent (6%). All basic and matching contributions are subject to certain Internal Revenue Code limitations.

The University also participates in a contributory retirement plan which provides benefits for certain union employees. The policy is to fund pension costs accrued for these plans. Total retirement plan expense for all plans was \$42,141,525 and \$39,263,000 in 2016 and 2015, respectively.

ANS maintained a separate defined contribution plan ("ANS DC") that provides for discretionary employee contributions. On December 31, 2015, the ANS DC plan was amended, to cease participation in and all contributions to the ANS DC. Instead, employees of ANS will participate in the DU DC plan. ANS also has merged into the DU DC plan effective as of March 1, 2016. The ANS DC plan was a calendar year plan, with declared employer contributions made at the conclusion of the plan year. Matching contributions were based on a participant's compensation and allocated to employee accounts annually. Only participants who made 403(b) contributions, who completed 1,000 hours of service, unless their employment ended due to retirement, disability, or death and who were actively employed on the last day of the allocation period were eligible to share in the matching contribution for such allocation period. Employees could receive a grandfathered match of three percent (3%) of their salary if they had either reached the age of 49 and completed at least 10 years of service, or reached the age of 45 and completed at least 15 years of service as of December 31, 2009. The grandfathered match ended effective December 31, 2014. The Academy approved and made contributions totaling \$61,934 and \$84,864 in 2016 and 2015, respectively.

ANS also maintains a defined benefit pension plan. This plan was frozen by the ANS Board of Trustees effective December 31, 2009, prior to the affiliation agreement with Drexel University on September 30, 2011. The assumptions for the pension liabilities, the accumulated benefit obligation, change in projected benefit obligation, and change in plan assets are as follows:

(in thousands)		2016		2015	
Weighted average assumptions as of June 30 Discount rate Expected return on plan assets		3.90 % 6.25 %		4.60 % 6.50 %	
Accumulated benefit obligation Accumulated benefit obligation at June 30	\$	19,908	\$	17,562	
Change projected in benefit obligation Net benefit obligation at June 30 Service costs Interest costs Actuarial loss Gross benefits paid Net benefit obligation at June 30	\$	17,562 130 790 2,163 (737) 19,908	\$	16,193 115 697 1,310 (753) 17,562	
(in thousands)	:	2016		2015	
(in thousands)  Change in plan assets Fair value of plan assets at beginning of year Actual return on plan assets Employer contributions Gross benefits paid	\$	10,430 231 659 (738)	\$	2015 10,269 80 834 (753)	
Change in plan assets Fair value of plan assets at beginning of year Actual return on plan assets Employer contributions		10,430 231 659	\$	10,269 80 834	
Change in plan assets Fair value of plan assets at beginning of year Actual return on plan assets Employer contributions Gross benefits paid	\$	10,430 231 659 (738)		10,269 80 834 (753)	

<sup>\*</sup> These amounts are recognized in the financial statements including the statement of financial position in the "Post-retirement and pension benefits" classification.

The components of net periodic benefit cost are noted below:

(in thousands)	2016	2015
Weighted average assumptions used to determine net periodic benefit costs		
Discount rate	4.60 %	4.60 %
Expected return on plan assets	6.50 %	6.50 %
Components of net periodic benefit costs		
Service costs	\$ 130	\$ 115
Interest costs	790	697
Expected return on assets	(678)	(678)
Amortization of actuarial loss	 2,610	1,908
Net periodic benefit cost	\$ 2,852	\$ 2,042

As of June 30, 2016 and 2015, the pension plan had a projected benefit obligation and an accumulated benefit obligation in excess of plan assets. Both the projected and accumulated benefit obligations were \$19,908,000 and \$17,562,000 at June 30, 2016 and 2015, respectively. The fair value of the plan assets was \$10,582,000 and \$10,430,000 as of June 30, 2016 and 2015, respectively.

Information about the expected cash flows for the pension plan is as follows:

## **Expected benefit payments**

(in thousands)

June 30,	
2017	\$ 879
2018	1,011
2019	1,059
2020	1,098
2021	1,130
2022-2026	5,971

#### Plan Assets

The ANS pension plan weighted-average asset allocations at June 30, 2016 and 2015 by asset category are as follows:

(in thousands)	2016	2015
Asset category		
Equity securities	37.7 %	20.5 %
Fixed income securities	37.4 %	64.6 %
Hedge fund and alternative investments	20.7 %	11.1 %
Cash	4.2 %	3.8 %
	100.0 %	100.0 %

The ANS investment policy and strategy is to shift investments to the target allocation to control the volatility of investment returns for the portfolio. As the investment horizon is expected to be longterm, the portfolio needs to provide long-term capital growth while also being protected from incurring major losses due to the poor performance of one sector of the market and must be invested to reduce the overall investment risk and volatility of investment returns.

The target composition of the plans assets is characterized as a 34%, 37%, 27%, and 2% allocation between equity, fixed income investments, alternative investments, and cash. The strategy currently utilizes indexed equity funds and fixed income funds, and a number of alternative investment vehicles. The alternative investments are allocated among various classes, including but not limited to: equities, hedge funds, fixed income, natural resources, and real estate. The strategy allows to invest in a diversified manner with a mix of assets that are set not to be highly correlated. The expected rate of return on assets was based on the current interest rate environment and historical market premiums of equity and other asset classes relative to fixed income rates.

The following table sets forth by level, within the fair value hierarchy, the ANS pension plan assets at fair value at June 30, 2016 and 2015:

	2016									
(in thousands)	I	evel 1	Level 2		]	Level 3		Total		
Assets at fair value										
Cash equivalents	\$	443	\$	-	\$	-	\$	443		
Mutual funds		8,442		-		-		8,442		
Alternative investments		-		648		1,049		1,697		
	\$	8,885	\$	648	\$	1,049	\$	10,582		
(in thousands)	<del></del>	evel 1	ī.		015	Level 2		Total		
(in thousands)	I	evel 1	Le	evel 2		Level 3		Total		
(in thousands)  Assets at fair value	I	evel 1	Le			Level 3		Total		
Assets at fair value Cash equivalents		evel 1 400	<b>L</b> 6			Level 3	\$	Total 400		
Assets at fair value					]	Level 3	\$			
Assets at fair value Cash equivalents		400			]	Level 3 - - 1,151	\$	400		

The following table sets forth a summary of changes in the fair value of ANS plan's Level 3 assets for the years ended June 30, 2016 and 2015:

(in thousands)	:	2016	2015
Assets at beginning of year	\$	1,151	\$ 1,221
Dividends and interest		-	-
Net realized gain		_	_
Net unrealized gain		31	3
Transfers out		(133)	 (73)
Assets at end of year	\$	1,049	\$ 1,151

## **Defined Contribution Plan Merger and Asset Transfers**

Effective January 1, 2015, the Drexel University Tax-Deferred Annuity Retirement Plan ("DU TDA") and the Philadelphia Health and Education Corporation Defined Contribution Retirement Plan ("PHEC DC") were merged into the Drexel University Defined Contribution Retirement Plan (the "Plan"). DU TDA's transfer into the Plan included participant-directed investments at fair value of \$205,020,000 and receivables from participant contributions of \$981,000 resulting in \$206,001,00 of net assets transferred. PHEC DC's transfer into the Plan included 12/31/14 participant-directed investments at fair value of \$210,951,000, receivables from participant contributions of \$353,000, receivables from employer contributions of \$630,000, and excess contributions payable of \$521,000 resulting in \$211,413,000 of net assets transferred.

Effective March 1, 2016, the ANS DC plan was merged into the DU DC plan. ANS DC's transfer into the DU DC plan included participant-directed investments at fair value of \$2,564,804.

### 13. Other Post-Retirement Benefits

In addition to retirement plan benefits, the University also provides post-retirement benefits to retirees in the form of group life insurance, major medical insurance and tuition remission. All eligible faculty and professional staff members who have completed ten (10) years of full-time consecutive service with the University and are age 55 or older, if hired before September 1, 2013, or who have completed fifteen years of full-time consecutive service with the University and are age 60 or older if hired on or after September 1, 2013, excluding any professional staff member who is affiliated with a collective bargaining unit. Full-time consecutive service (10 or 15 years) is strictly services with Drexel University and does not include any subsidiaries. The University pays up to 50% of the gross cost of the medical plan costs, capped at \$400 per month for retirees and their spouses who retired prior to September 1, 2014 and at \$300 per month for retirees and their spouses who retired on or after September 1, 2014. The retirees have a choice of various providers. The post-retirement health care plan is contributory, and the life insurance plan is noncontributory. On January 1, 2015, the plan was amended to include actively employed College of Medicine faculty and professional staff who had 15 years of consecutive full-time service (since 1998), and were at least 60 years of age.

The net periodic post-retirement benefit costs and related funded status as of June 30 are shown below. Adjustments to the unfunded status amounted to \$6,817,000 and \$3,778,000 respectively, for the years ended 2016 and 2015 and are reflected in the consolidated statements of activities and included in post-retirement benefits in the consolidated statements of financial position.

The following tables provide information with respect to the other post-retirement plans for the years ended June 30:

### **Plans Funded Status**

(in thousands)		2016	2015
Change in benefit obligation			
Benefit obligation, beginning of year	\$	56,942	\$ 49,726
Service cost		3,059	2,666
Interest cost		2,651	2,052
Plan amendments		10,145	(7,608)
Actuarial (loss)/gain		(1,835)	11,716
Plan participant contributions		183	163
Actual benefits paid		(1,947)	 (1,773)
Benefit obligation, end of year		69,198	 56,942
Change in plan assets			
Fair value of plan assets, beginning of year		-	-
Employer contributions		1,765	1,610
Plan participant contributions		182	163
Actual benefits paid		(1,947)	 (1,773)
Fair value of plan assets, end of year			 
Unfunded status of the plan	\$	69,198	\$ 56,942
Weighted average assumptions to detern obligations and net cost as of June 30	nine l	benefit	
Discount rate		4.30%	4.10%
Ultimate retiree health care cost trend		5.00%	5.00%
Year ultimate trend rate is achieved		2023	2023

The liabilities and post-retirement benefit expenditures associated with the 2016 plan activity include the January 1, 2015 plan amendment. This amendment resulted in an additional \$10,145,000 prior service cost associated with the addition of these employees. The 2015 liabilities and post-retirement expenditures reflects a reduction of \$6,900,000 related to plan amendments enacted on September 1, 2013 related to plan eligibility and benefit amounts.

For measurement purposes, a 6.75% and a 7.5% annual rate of increase in the per capita cost of covered health care benefits for those over 65 and under 65, respectively, was assumed for 2016 grading down to ultimate rates of 5.0% in the year 2023 and thereafter:

### **Net Periodic Benefit Cost**

	Jun	e 30	,
(in thousands)	2016		2015
Components of net periodic benefit cost			
Service cost	\$ 3,059	\$	2,666
Interest cost	2,651		2,052
Amortization of:			
Prior service credit	125		(1,396)
Net loss	 1,368		1,727
Net periodic benefit cost	\$ 7,203	\$	5,049
Other changes recognized in unrestricted net assets			
Net actuarial (gain) loss	\$ (1,835)	\$	11,716
Prior service credit	\$ 10,145	\$	(7,607)
Amortization of:			
Prior service cost	(125)		1,396
Net gain	 (1,368)		(1,727)
Total recognized in unrestricted net assets	\$ 6,817	\$	3,778
Amounts not yet reflected in net periodic benefit cost			
and included in unrestricted net assets			
Prior service credit	\$ 3,808	\$	(6,212)
Actuarial loss	 25,289		28,492
Amounts in unrestricted net assets, end of year	\$ 29,097	\$	22,280
Amounts in unrestricted net assets expected to be recognized in net periodic benefit cost in fiscal 2017			
Prior service credit	\$ 125		
Actuarial loss	\$ 1,408		

For the fiscal years ended June 30, 2016 and 2015, the effect of a 1% change in the health care cost trend rate is as follows:

(in thousands)		2	201	6	2015			
	1%	Increase		1% Decrease	1% Increase		1% Decrease	
Effect on net periodic benefit cost	\$	47	\$	(43)	\$ 61	\$	(54)	
Effect on postretirement benefit obligation		302		(293)	324		(306)	

### **Contributions**

Expected contributions for the 2017 fiscal year are \$2,454,000.

## **Drexel University and Subsidiaries**

**Notes to Consolidated Financial Statements** 

June 30, 2016 and 2015

## **Estimated future benefit payments:**

The following benefit payments (net of retiree contributions), which reflect the effects of the Medicare Act and expected future service, as appropriate, are expected to be paid in:

(in thousands)

June 30,	
2017	2,454
2018	2,722
2019	2,913
2020	3,109
2021	3,265
Thereafter	19,293

## 14. Professional Liability Insurance

Starting July 1, 2014, Drexel established a Self-Insurance Trust ("SIT") to provide primary coverage for known claims medical professional liability coverage. The SIT provides primary coverage of \$500,000 for physicians and midwives and up to \$1,000,000 for other health professions and entity coverage. Physicians and midwives also participate in the Pennsylvania Medical Care Availability and Reduction of Error Fund ("Mcare") that covers from \$500,000 to \$1,000,000. In addition, Drexel self-insures a layer of excess of up to \$2,000,000 above the Mcare Fund.

The Dragon Risk Limited, Co. provides excess coverage above the self-insured layer of an additional \$17,000,000.

For self-insured retention amounts for both reported claims and claims incurred but not reported at June 30, 2016 and 2015, the University and its subsidiaries recorded gross combined reserves of \$36,054,000 and \$36,140,000, respectively and related recoveries from third party insurers of \$6,668,000 and \$6,256,000 at June 30, 2016 and 2015, respectively. For fiscal years 2016 and 2015, the reserves were discounted at 2% for the layers retained by the University and excess carriers. Such reserves and reinsurance recoveries are included in accrued expenses and grants, contracts and other receivables, respectively, in the accompanying 2016 and 2015 consolidated statements of financial position. Under the self-insurance program, the University is required by the Commonwealth of Pennsylvania to maintain a malpractice trust fund. At June 30, 2016 and 2015, escrow funds of \$22,580,000 and \$24,573,000, respectively and balanced index funds of \$31,096,000 and \$29,894,000, respectively, were available to fund incurred but not reported liabilities (Note 7).

### 15. Commitments and Contingencies

## **Healthcare Legislation and Regulation**

The healthcare industry is subject to numerous laws and regulations of federal, state and local governments. These laws and regulations include, but are not necessarily limited to, matters such as licensure, accreditation, government healthcare program participation requirements and reimbursement for patient services. Federal government activity has continued with respect to investigations and allegations concerning possible violation of billing regulations by healthcare providers. Violations of these regulations could result in the imposition of significant fines and penalties and have a significant effect on reported activities or cash flow.

The University believes it is in compliance with applicable government laws and regulations. While no regulatory inquiries have been made, compliance with such laws and regulations can be subject to future government review and interpretation as well as regulatory actions unknown or unasserted at this time.

### Litigation

The nature of the educational and healthcare industries is such that, from time to time, claims will be presented on account of alleged negligence, acts of discrimination, medical malpractice, breach of contract or disagreements arising from the interpretation of laws or regulations. While some of these claims may be for substantial amounts, they are not unusual in the ordinary course of providing educational and healthcare services at a large institution. In the opinion of the University, after consultation with legal counsel, the ultimate disposition of these matters will not have a materially adverse effect on the financial condition or results of operations.

### **Other Commitments and Contingencies**

Prior to July 1, 2014, PHEC maintained a letter of credit in the amount of \$225,000, as required by the Department of Environmental Protection, in connection with the disposal of nuclear medical waste. Effective July 1, 2014, The University has assumed responsibility for the letter of credit which is renewed annually. There were no amounts outstanding as of June 30, 2016 and 2015.

The University maintains three letters of credit totaling \$2,055,000 associated with workers' compensation insurance. The agreements are renewable annually. There were no amounts outstanding as of June 30, 2016 and 2015.

The University has the following letters of credit for bonds having remarketing terms:

- The Second Series of 2000 bond has a letter of credit in an amount not to exceed \$22,500,000, plus required interest coverage, which will expire June 1, 2018.
- The Series B of 2002 bond has a letter of credit in an amount not to exceed \$42,140,000, plus required interest coverage, which will expire June 1, 2018.
- The Series B of 2005 bond has a letter of credit in an amount not to exceed \$30,047,055 which will expire September 30, 2019.
- The Series B of 2007 bond has a letter of credit in an amount not to exceed \$29,879,704, plus required accrued interest, which will expire October 30, 2018.

There were no amounts outstanding on these bond-related letters of credit as of June 30, 2016 and 2015.

# **Drexel University and Subsidiaries**

Notes to Consolidated Financial Statements June 30, 2016 and 2015

The University also maintains a letter of credit in an amount not to exceed \$287,253 as required by the U.S. Department of Education in connection with Federal student loans. It will expire on May 1, 2017 and is automatically renewed annually unless notified by the University of an election not to renew. There was no amount outstanding as of June 30, 2016.

#### **Business Income Taxes**

As referenced in Note 1 - Income Taxes, the University is a tax exempt organization under Section 501 (c) (3) of the Internal Revenue Code. The University and its non-profit affiliates are not subject to taxation for activities and income related to its exempt purpose. Unrelated business income (UBI) is defined by the Internal Revenue Service (IRS) as income generated in a trade or business that is regularly carried on and is not substantially related to further the exempt purpose of the organization. The University is subject to federal UBI tax related to the net income generated from consulting, conference services and investment income held in the endowment fund for which the investment manager has reported unrelated business income on an IRS Schedule K-1 for which it files an IRS Form 990-T, Exempt Organization Business Tax Return, annually. The University makes quarterly estimated tax payments to the IRS and submits any additional tax payment with the final submission of its return in the subsequent fiscal year.

The University is also subject to the City of Philadelphia Business Income and Receipts Tax. The University files an annual Business Income and Receipts Tax return and submits estimated tax payments for the subsequent fiscal year at the time of filing its return to the City of Philadelphia.

For the fiscal years ended June 30, 2016 and 2015, the University recorded \$906,000 and \$1,440,000 as income tax expenses and assigned a functional expense category of institutional support for these expenditures.

#### 16. Related Party Transactions

Prior to July 1, 2014, PHEC had various operating agreements with Tenet which have continued with the University as a result of the merger. Under these agreements, the University acts both as a purchaser and provider of services. Total services purchased from Tenet for the years ended June 30, 2016 and 2015 were \$11,999,000 and \$12,420,000, respectively. These services include charges for various personnel, administrative and support services related to operating the College of Medicine and rent. Services provided to Tenet include administrative, supervisory and teaching services connected with faculty physician and residency programs and services and support provided by physicians to support hospital operations. Total charges to Tenet for these services amounted to \$23,138,000 and \$23,275,000 for the years ended June 30, 2016 and 2015, respectively, and are mainly included in patient care activities revenue in the accompanying consolidated statements of activities.

### Schuylkill Yards

On May 9, 2016, the University entered into a master development agreement (the "Development Agreement") with Brandywine Realty Trust ("BRT"), the sole general partner of Brandywine Operating Partnership, LP. BRT, as master developer, is provided for the rights and obligations, for a multi-phase, multi-component development on approximately 10.11 acres of land (the "Development Site") owned by the University and adjacent to the University's main campus in the University City section of Philadelphia. The overall development, including the Development Site and four adjacent acres comprising the master planned area, as the "Schuylkill Yards Project."

The Schuylkill Yards Project is contemplated to be developed in six phases over an approximately 20-year period, excluding extension options, and to consist of an aggregate of approximately 5.0 million of floor area ratio, or FAR, of commercial, office, educational, research, residential, and other facilities, as well as accessory green spaces. Overall, approximately 50% of the FAR would consist of office, educational and research space, and the balance would consist of residential, retail, hospitality and parking.

The University currently anticipates that BRT will commence the construction of the initial phase on or about the first half of 2018 and completion on or about the fourth quarter of 2019. Actual timing and scope of subsequent phases of development will depend on timing and scope of prior phases, third party approvals and design and development-related determinations by the University and BRT. The business structure will be to enter into a 99-year ground lease with BRT for each parcel as it is taken down with the development site.

BRT intends to fund costs to develop each development phase of the Schuylkill Yards Project through a combination of cash on hand, capital raised through one or more joint venture formations, and proceeds from the sale of other assets or debt financing, including project-specific mortgage financing. Terms of the Development Agreement were determined through arm's-length negotiation between the University and BRT.

### Drexel University/Ben Franklin Technology Partners Seed Fund

On November 15, 2015, the University and Ben Franklin Technology Partners of Southeastern Pennsylvania ("Ben Franklin") signed a ten year agreement ending November 15, 2025, to establish a jointly funded initiative "the Fund", managed by Ben Franklin in conjunction with the University that establishes four program areas: 1) seed investments from a jointly capitalized pool into University spin-outs and other agreed upon Drexel-based ventures, 2) post-investment portfolio management services, 3) appropriate counseling and support for all invested companies and access to all Ben Franklin services and programs, and 4) joint efforts to place Drexel talent with invested enterprises. The University has authorized an amount up to \$5,000,000 to be raised from donors and used for the program elements. Ben Franklin has also authorized up to \$5,000,000 to be allocated over the life of the initiative from available investment resources. All loans and/or investments made by the Fund will be made with equal participation between the University and Ben Franklin. All loans and/or investment administration will be handled by Ben Franklin. The University and Ben Franklin will share equally in the revenue, income and/or other forms of return from each loan/investment. Upon termination of the agreement, any uncommitted University funds, net of costs associated with any outstanding loan or investment will be returned to the University by Ben Franklin within 45 days of termination.

### 17. Operating Expenses

Expenses for the operation and maintenance of plant, depreciation and interest are not included in the University's patient care and education and general expense categories in the consolidated statements of activities. The allocation of those expenses, based on the space assigned to each, is as follows:

	Jun	e 30,	,
(in thousands)	2016		2015
College programs	\$ 41,371	\$	39,783
Research and public service	11,694		21,804
Academic support	2,294		6,684
Student services	14,557		15,086
Institutional support	9,024		11,047
Auxiliary enterprises	41,226		23,756
Patient care activities	 4,612		3,051
	\$ 124,778	\$	121,211

During fiscal year 2016, the University implemented a new space management system and inventoried all of its space. The allocation of operating expenses at June 30, 2016 reflects the new inventory which includes all space at the Academy of Natural Sciences, Center City, and Queen Lane Campuses. The allocation at June 30, 2016 is based on a total 5,362,000 net usable square feet. The allocation used as of June 30, 2015 is based upon the 2014 space survey and a total of 3,492,000 usable square feet.

## 18. Subsequent Events

The University evaluated events subsequent from June 30, 2016 through October 26, 2016.

### **University Revenue Refunding Bonds - Series of 2016**

In August 2016, the University issued Pennsylvania Higher Educational Facilities Authority, Drexel University Revenue Refunding Bonds, Series of 2016 in the amount of \$117,130,000. The primary purpose of this issue was the current refunding of all of the outstanding Series of 2005A bonds, the advance refunding of all the outstanding Series of 2007A bonds and the advance refunding of all the outstanding College of Medicine, Series of 2007 bonds. The bonds will be maturing between May 1, 2022 through May 1, 2037. The bonds were issued on a parity basis with the University's other outstanding Authority bonds and on a parity basis with the interest rate swap agreement in connection with the Series of 2005B bonds.

### **Termination of SodexoMAGIC Food Services Contract**

On September 19, 2016, the University gave notice of termination of its contractual agreement dated May 21, 2015 for dining services with SodexoMAGIC. The agreement became effective August 25, 2014 and was scheduled to terminate on June 30, 2025. As a result of the termination, SodexoMAGIC will transition its food services operations off-campus by December 10, 2016. The University has recognized deferred revenues totaling \$10,930,000, including \$8,215,000 related to the new dining facility in The Summit property (see Note 10). All of the deferred revenues recorded on the University's Statement of Financial Position related to the current agreement were being amortized over the life of the contract. As a result of the termination, the University is required to refund any unamortized balances as of the stipulated date of November 29, 2016. There is pending litigation between SodexoMAGIC and the University in relation to this agreement. The University is currently negotiating with a new dining services vendor and expects a similar contract to be put in place by December 10, 2016. The new vendor is also anticipated to reimburse the University for the amount of the unamortized capital balances refunded to SodexoMAGIC.



Federal Program	CFDA	Direct	Pass-t	hrough	Pass Through Entity	Pass-Through Entity Sponsor Number		Total nditures	Passed to Sub-Recipients	i
Research and Development Cluster				J	<u> </u>	•	•		•	_
DEPARTMENT OF AGRICULTURE										
Agricultural Research Service										
Agricultural Research - Basic and Applied Research	10.001	\$ 13,776	s	-			\$	13,776		-
Economic Research Service										
Consumer Data and Nutrition Research	10.253	3,888		=				3,888		-
National Institute of Food and Agriculture										
Agriculture and Food Research Initiative (AFRI)	10.310	-		24,587	Penn State University The Regents of the	4900-DU-USDA-9703		24,587		-
Agriculture and Food Research Initiative (AFRI)	10.310	-		259,928	University of California	201403031-01		259,928	20,3	13
Agriculture and Food Research Initiative (AFRI) Biomass Research and Development Initiative	10.310	-		20,252	University of Maryland	32423-Z5768001		20,252	-	
Competitive Grants Program (BRDI) Biomass Research and Development Initiative	10.312	105,625		-		LETTER DATED		105,625	53,1	17
Competitive Grants Program (BRDI)	10.312	=		114,744	Ceramatec	3/21/13		114,744	2,09	94
Food and Nutrition Service Healthy, Hunger-Free Kids Act ot 2010 Childhood Hunger Research and Demonstration Projects	10.592	-		36	University of Kentucky Research Foundation	3048108673-12659/ AG3198B100028		36	-	
TOTAL DEPARTMENT OF AGRICULTURE		\$ 123,289	\$	419,547			\$	542,836	\$ 75,55	24

Federal Program	CFDA	Direct	Pass-tl	hrough	Pass Through Entity	Pass-Through Entity Sponsor Number		otal nditures	Passed to Sub-Recipients
•					3 ,	•	-		•
Research and Development Cluster (continued)									
DEPARTMENT OF COMMERCE									
National Oceanic and Atmospheric Administration	on (NOAA)								
•			_			5040-ANSDU-NOAA-	_		
Sea Grant Support	11.417	\$ =	\$	46,319	Penn State University Susquehanna River	0063 AGREEMENT DATE	\$	46,319	=
Sea Grant Support	11.417	-		2,615	Basin Commission	2/19/2015		2,615	-
Climate and Atmospheric Research	11.431	-		22,744	Columbia University	GG012355		22,744	-
Climate and Atmospheric Research	11.431	-		50,949	Columbia University New Jersey Sea Grant	GG001959		50,949	-
Marine Debris Program	11.999	-		(9,356)	Consortium	694-7900-7553		(9,356)	-
National Institute of Standards and Technology (	NIST)								
Measurement and Engineering Research and Standards	11.609	45,144		-				45,144	-
Science, Technology, Business and/or Education Outreach	11.620	45,366		-				45,366	-
TOTAL DEBARTMENT OF COMMERCE		 00.510		110 071			-	909 701	
TOTAL DEPARTMENT OF COMMERCE		\$ 90,510	\$	113,271			\$	203,781	<u>\$</u> -

Federal Program	CFDA		Direct	Pass-	through	Pass Through Entity	Pass-Through Entity Sponsor Number	Ex	Total penditures		ssed to Recipients
Research and Development Cluster (continued)											
DEPARTMENT OF DEFENSE											
Department of the Navy, Office of the Chief of Nav	al Researcl	h									
Basic and Applied Scientific Research	12.300	\$	2,286,477	\$	-	Carnagia Mallon		\$	2,286,477	8	281,467
Basic and Applied Scientific Research	12.300		-		64,507	Carnegie Mellon University University of	1150112-292646 MOD 7 SUB#564817 PO		64,507		-
Basic and Applied Scientific Research	12.300		-		144,340	Pennsylvania	#3617488		144,340		-
U.S. Army Medical Command											-
Military Medical Research and Development	12.420		549,796		-	Department of Army Trustees of Boston	W81XWH-15-1-0324		549,796		26,158
Military Medical Research and Development	12.420		-		77,115	University	4500001398		77,115		-
Basic Scientific Research	12.431		2,715,746		-				2,715,746		1,322,528
Office of the Secretary of Defense Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering	12.630 12.630 12.630 12.630		338,743 - - -		1,885 68,139 151,914	University of Delaware University of Delaware University of Delaware	29613 W911NF1220022/4214 6 W911NF1220022/3866 0		338,743 1,885 68,139 151,914		338,743 - - -
Department of the Air Force, Materiel Command											
Air Force Defense Research Sciences Program	12.800	\$	52,962	\$	-		FA9550-13-1-0124 /	\$	52,962		-
Air Force Defense Research Sciences Program	12.800		-		22,082	Temple University	253388		22,082		-
Air Force Defense Research Sciences Program	12.800		-		6,163	University of Delaware	28750		6,163		-
Research and Development Cluster (continued)											-
Advanced Research Projects Agency											
Research and Technology Development	12.910		37,541		=				37,541		19,864
Research and Technology Development	12.910				60,417	University of Delaware	42527		60,417		-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Department of the Army	12.999	541,982	=			541,982	282,350
Department of the Navy	12.999	62,348	-			62,348	-
US Department of Defense	12.999	66,580	-	CFD Research		66,580	=
	12.999	-	102,770	Corporation	20120532	102,770	-
	12.999	-	587,963	InfraScan, Inc.	W911QY-14-C-0082	587,963	-
	12.999	-	3,699	RDRtec	4502-DREX-2016-01	3,699	-
	12.999	-	41,057	General Sciences Inc.		41,057	-
	12.999	-	132,729	S12 Technologies, Inc.	S12-2015-2064-001	132,729	-
	12.999	-	43,000	Temple University University of	FA9550-13-1-0124	43,000	-
	12.999	-	342	Pennsylvania	560858	342	-
	12.999	-	3,245	Ventura Solutions, Inc.	1044-20/TTO13-01	3,245	-
	12.999	-	7,129	Versar	PO#009275	7,129	-
TOTAL DEPARTMENT OF DEFENSE		\$ 6,652,175	\$ 1,518,496			\$ 8,170,671	\$ 2,271,110

Federal Program	CFDA		Direct	Pass	-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total enditures	Passed to Sub-Recipien	ıts
Research and Development Cluster (continued)										
FISH AND WILDLIFE SERVICE (FWS)										
Fish and Wildlife Management Assistance	15.608	\$	(70)	\$	-			\$ (70)		=
Wildlife Without Borders-Africa	15.651		139,336		-			139,336		-
US GEOLOGICAL SURVEY (USGS)	15.999	8	(1,362)	\$	-			\$ (1,362)		-
TOTAL FWS and USGS		\$	137,904	\$	-			\$ 137,904	8	
DEPARTMENT OF JUSTICE Office for Victims of Crime										
Crime Victim Assistance/Discretionary Grants	16.582	8	27,159	\$	-			\$ 27,159		-
<b>Bureau of Justice Assistance</b> Residential Substance Abuse Treatment for State Prisoners Edward Byrne Memorial Justice Assistance Grant	16.593		-		49,491	Commonwealth of Pennsylvania Commonwealth of	4300472489	49,491	12	,052
Program Edward Byrne Memorial Justice Assistance Grant	16.738		-		59,949	Pennsylvania Pennsylvania	4300468801 2011/2012-JG/MH-	59,949	4	,456
Program	16.738		-		182,894	Commission on Crime	03ST-24923	182,894	75	,263
Juvenile Justice Education Collaboration Assistance	16.829		-		112,097	City of Philadelphia	2014-JZ-FX-K003	112,097		=
US Department of Justice	16.999		9,022		-			9,022		-
TOTAL DEPARTMENT OF JUSTICE		\$	36,181	\$	404,431			\$ 440,612	\$ 91	1,771

Federal Program	CFDA		Direct	Pass	-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total enditures	Passed to Sub-Recipients	
Research and Development Cluster (continued)										_
DEPARTMENT OF STATE										
<b>Bureau of Educational and Cultural Affairs</b> Professional and Cultural Exchange Programs - Citizen Exchanges	19.415	s	-	\$	37,335	American Alliance of Museums	S-ECAGD-13-CA-116	\$ 37,335	-	
TOTAL DEPARTMENT OF STATE		\$	-	\$	37,335			\$ 37,335	\$ -	_
DEPARTMENT OF TRANSPORTATION										
Federal Aviation Administration (FAA)										
Aviation Research Grants	20.108	\$	199,043	\$	=			\$ 199,043	-	
Air Transportation Centers of Excellence	20.109		105,834		-			105,834	89,871	Į
	20.999		110,855		-			110,855	11,649	)
Federal Highway Administration (FHWA)										
Highway Research and Development Program	20.200		30,451		-			30,451	-	
	20.999		178,187		=			178,187	24,464	Ł
Federal Motor Carrier Safety Administration (FM	(CSA)									
Motor Carrier Research and Technology Programs	20.239		-		30,228	Virginia Polytechnic Institute	451060-19378	30,228	-	

ederal Program	CFDA	Dir	ect	Pass-th	hrough	Pass Through Entity	Pass-Through Entity Sponsor Number	Total enditures		nssed to Recipients
desearch and Development Cluster (continued)										
Pipeline and Hazardous Materials Safety Admini	istration						AGREEMENT SIGNED			
<b>Technical Assistance Grants</b>	20.710		-		29,293	Clean Air Council National Academy of	7/20/2015	29,293		
Department of Transportation					73,159	Science Pennoni Associates,	HR 12-103	73,159		
	20.999		-		6,347	Inc. Pennoni Associates,	WVDH1426	6,347		
	20.999		-		47,046	Inc.	RTGR1502-001	47,046		
	20.999		-		3,626	Rutgers University	4-36773-10223	3,626		2,87
TOTAL DEPARTMENT OF TRANSPORTATION		8	624,370	\$	189,699			\$ 814,069	8	128,86
NATIONAL AERONAUTICS AND SPACE ADMINIS'	TRATION (N	IASA)								
Science	43.001	\$	244,204	\$	-	California Instituto of		\$ 244,204	\$	19,34
Science	43.001		-		20,023	California Institute of Technology Georgia Institute of	1519224	20,023		-
Aeronautics	43.002		-		112,012	Technology	RD368-G2	112,012		-
Education	43.008		105,377		-			105,377		-
Education	43.008		-		5,442	Penn State University Structured Materials	4498-DU-NASA-K74H	5,442		-
NASA	43.999		-		137,537	Industries, Inc.	NNX15CG10C	137,537		-
TOTAL NASA		\$	349,581	\$	275,014			\$ 624,595	\$	19,34
NATIONAL ENDOWMENT FOR THE ARTS (NEA) Promotion of the Arts - Grants to Organizations and Individuals	45.024	8	(1,719)	\$	-			\$ (1,719)		

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
NATIONAL ENDOWMENT FOR THE HUMANITY Promotion of the Humanities - Professional	IES (NEH)						
Development	45.163	169,425	-			169,425	-
INSTITUTE OF MUSEUM AND LIBRARY SCIEN	CES (IMLS)						
Museums for America	45.301	39,957	-			39,957	-
National Leadership Grants	45.312	195,719	-			195,719	5,369
Laura Bush 21st Century Librarian Program	45.313	227,929	-			227,929	15,281
TOTAL NEA, NEH AND IMLS		\$ 631,311	<u>s</u> -	- -		\$ 631,311	\$ 20,650
NATIONAL SCIENCE FOUNDATION							
Engineering Grants	47.041	S 3,177,217	\$ -	Children's Herrital of		\$ 3,177,217	-
Engineering Grants	47.041	-	766	Children's Hospital of Philadelphia	27065-212780415-79	766	-
<b>Engineering Grants</b>	47.041	-	24,990	Children <sup>°</sup> is Hospital of Philadelphia	27065-212780416-92	24,990	-
<b>Engineering Grants</b>	47.041	-	42,742	epoXtal LLC University of	1549668	42,742	-
Engineering Grants	47.041	-	33,527	California, San Diego	30037642	33,527	=
<b>Engineering Grants</b>	47.041	-	76,240	University of Wisconsin	489K904	76,240	-
Mathematical and Physical Sciences	47.049	2,483,226		Northwestern	SP0029921-	2,483,226	(16,366)
Mathematical and Physical Sciences	47.049	-	74,476	University	PROJ009948	74,476	-
Mathematical and Physical Sciences	47.049	-	78,603	University of Georgia	RR181-267/4945606	78,603	=
Mathematical and Physical Sciences	47.049	-	-				
Geosciences	47.050	277,239	-			277,239	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
NATIONAL SCIENCE FOUNDATION (continued)				David of Commission of			
Geosciences	47.050	-	8,734	Board of Supervisors of Louisiana State	98335	8,734	-
Geosciences	47.050	-	12,502	Illinois State Museum Society	EAR-0948652	12,502	-
Computer and Information Science and Engineering	47.070	2,797,574	-			2,797,574	16,503
Computer and Information Science and Engineering	47.070	-	60,228	University of Arizona	229749	60,228	-
Computer and Information Science and Engineering	47.070	-	45,353	University of Michigan	3002984284	45,353	-
Biological Sciences	47.074	877,959	-			877,959	-
Biological Sciences	47.074	-	(15,738)	Duke University	DBI-1147166	(15,738)	-
Biological Sciences	47.074	-	48,256	Neon, Inc	1010-216-AQU	48,256	-
Biological Sciences	47.074	-	18,756	New York Botanical	NYBG-NYBG-1304933- 1-ANSD	18,756	-
Biological Sciences	47.074	-	148,184	University of North Carolina at Chapel Hill	5103101 564812/10042268/1610	148,184	-
Biological Sciences	47.074	-	29,344	University of Pennsylvania	3	29,344	-
Social, Behavioral, and Economic Sciences	47.075	70,533	-			70,533	-
Education and Human Resources	47.076	3,139,945	=			3,139,945	677,119
Education and Human Resources	47.076	-	15,197	Bryn Mawr College	2-46785	15,197	-
Education and Human Resources	47.076	=	(3,709)	Center for Aquatic Sciences	DRL-0840230	(3,709)	=
Education and Human Resources	47.076	-	22,404	Lincoln University	SIGNED AGREEMENT 9/25/2015	22,404	-
<b>Education and Human Resources</b>	47.076	-	9,386	Museum of Science, Inc.	AGR DATE 12/5/2013	9,386	=
<b>Education and Human Resources</b>	47.076	-	742	Research Foundation of the State of University	170-1113463-66040	742	-
Office of International Science and Engineering	47.079	10,039	-	the State of Offiversity	170-1113403-00040	10,039	-
Office of International Science and Engineering	47.079	-	(430)	CRDF Global	OISE-14-60109-0	(430)	=
Office of International Science and Engineering	47.079	-	203,795	The Regents of the University of California	2155 G RA906	203,795	13,125
Office of International Science and Engineering	47.079	=	10,557	U.S. Civilian Research	OISE-16-62115-0	10,557	-

& Development

OISE-16-62115-0

Federal Program	CFDA	Direct	Pas	s-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Ex	Total penditures	Passed to -Recipients
Research and Development Cluster (continued)									
NATIONAL SCIENCE FOUNDATION (continued)									
Office of Cyberinfrastructure	47.080	-		86,773	University of North Carolina	5-37142		86,773	=
Trans-NSF Recovery Act Research Support	47.082	78,100		-	Caronna	5-3/142		78,100	75,108
National Science Foundation	47.999	313,791		-				313,791	-
		-		19,638	NORC at the University	7788-DREXEL.01		19,638	-
TOTAL NATIONAL SCIENCE FOUNDATION		\$ 13,225,623	\$	1,051,316	of Chicago	//88-DREXEL.UI	\$	14,276,939	\$ 765,489
DEPARTMENT OF VETERANS AFFAIRS									
Department of Veterans Affairs	64.999	\$ 11,250	\$	-			s	11,250	-
TOTAL DEPARTMENT OF VETERANS AFFAIRS		\$ 11,250	\$	-			\$	11,250	\$ -
ENVIRONMENTAL PROTECTION AGENCY									
Office of Water									
Water Pollution Control State, Interstate, and Tribal	66.419	\$ -	\$	31,042	Montana Department of Environmental	211135	\$	31,042	-
Program Support Water Pollution Control State, Interstate, and Tribal	66.419	-		1,349	Water Assessment Association	Agreement Dated 4/19/13		1,349	-
Program Sunnort Regional Wetland Program Development Grants	66.461	-		(912)	Barnegat Bay National Estuary Program	USEPAREGION2FY10		(912)	-
Regional Wetland Program Development Grants	66.461	-		(1,051)	Partnership for the Delaware Estuary	PDE-210-01		(1,051)	-
Regional Wetland Program Development Grants	66.461	=		36,365	Partnership for the Delaware Estuary	PDE-235-01		36,365	=

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
ENVIRONMENTAL PROTECTION AGENCY (continu	ıed)						
Office of Research and Development (ORD)	ŕ						
P3 Award: National Student Design Competition for Sustainability	66.516	13,347	-			13,347	-
Office of the Administrator							
Performance Partnership Grants	66.605	-	(150)	New Jersey Sea Grant Consortium	SR12-005	(150)	-
Performance Partnership Grants	66.605	=	45,030	State of Maine, Department of	06A20151130*1934/VC	45,030	=
Office of Chemical Safety and Pollution Prevention	n			<b>Берагинені о</b> г	00A20131130 1934/ VC		
TSCA Title IV State Lead Grants Certification of Lead- Based Paint Professionals <b>Environmental Protection Agency</b>	66.707	-	(1,760)	Versar	PO#008430	(1,760)	-
	66.999	-	36,288	Barnegat Bay National	BBP-WPDGFY10-	36,288	-
	66.999	-	2,640	Estuary Program Environmental Fuel Research	ANSD-01 AGREEMENT EFF. 7/01/14	2,640	-
TOTAL ENVIRONMENTAL PROTECTION AGENCY		\$ 13,347	\$ 148,841			\$ 162,188	\$ -
NUCLEAR REGULATORY COMMISSION							
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008	§ (122)	\$ -			§ (122)	-
TOTAL NUCLEAR REGULATORY COMMISSION		\$ (122)	\$ -			\$ (122)	\$ -

Federal Program	CFDA		Direct	Pass-	through	Pass Through Entity	Pass-Through Entity Sponsor Number	Exp	Total penditures	assed to Recipients
Research and Development Cluster (continued)										
DEPARTMENT OF ENERGY										
Office of Science Financial Assistance Program	81.049	\$	1,234,357	\$	-	Advanced Cooling	CONTRACT#23547 :	\$	1,234,357	\$ 348,404
Office of Science Financial Assistance Program	81.049		-		35,019	Technologies Inc	DE-SC0013821		35,019	-
Office of Science Financial Assistance Program	81.049		-		7,632	Battelle Energy Alliance, LLC	00098778		7,632	-
Office of Science Financial Assistance Program	81.049		=		14,365	Kent State University	440661-DREX		14,365	=
Office of Science Financial Assistance Program	81.049		=		101,276	Research Partnership to Secure Energy for	DE-AC26-07NT42677		101,276	=
Office of Science Financial Assistance Program	81.049		=		249,851	Temple University	254998		249,851	=
Office of Science Financial Assistance Program	81.049		=		1,854	The Regents of the University of California	6951370		1,854	=
Office of Science Financial Assistance Program	81.049		-		22,595	University of Minnesota	A004163701		22,595	-
Conservation Research and Development	81.086		40,289						40,289	-
Conservation Research and Development	81.086		-		203,146	Penn State University	4342-DU-DOE-4261		203,146	28,036
Renewable Energy Research and Development <b>Department of Energy</b>	81.087		-		81,515	Ceramatec	LETTER DATED 5/23/14		81,515	-
						New Jersey Institute of				
	81.999		-		15,650	Technology University of California	996313		15,650	-
	81.999		=		50,608	Los Angeles	0190 S NB929		50,608	-
TOTAL DEPARTMENT OF ENERGY		S	1,274,646	\$	783,511			8	2,058,157	\$ 376,440
DEPARTMENT OF EDUCATION										
Office of Postsecondary Education										
Higher Education - Institutional Aid	84.031	8	-	\$	128,733	University of Texas at	2014055636	\$	128,733	-
Fund for the Improvement of Postsecondary	84.116		51,378		-	El Paso			51,378	4,073
Education Fund for the Improvement of Postsecondary	84.116		-		847	San Diego State	56404AP40127802211		847	-
Education Minority Science and Engineering Improvement	84.120		-		48,942	University Community College of Philadelphia	P120A130035		48,942	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF EDUCATION (continued)							
Institute of Education Sciences							
Education Research, Development and	84.305	-	10,277	Children's Hospital of	327251	10,277	-
Dissemination Research in Special Education	84.324	-	10	Philadelphia University of Kentucky	R324A110204	10	-
Office of Postsecondary Education				Research Foundation			
Gaining Early Awareness and Readiness for Undergraduate Programs	84.334	-	60,178	Philadelphia School District	570068	60,178	-
Office of Innovation and Improvement							
School Leader Recruitment and Support (formerly School Leadership)	84.363	-	36,861	Lehigh University	542344-78003	36,861	-
TOTAL DEPARTMENT OF EDUCATION		\$ 51,378	\$ 285,848			\$ 337,226	\$ 4,073
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES						
Centers for Disease Control and Prevention							
Birth Defects and Developmental Disabilities -	93.073	S -	\$ 24,766	Johns Hopkins	2001396285,	S 24,766	-
Prevention and Surveillance Hospital Preparedness Program (HPP) and Public	93.074	-	(2,707)	Universitv Pennsylvania	AWARD#U01DD00746 440007960	(2,707)	-
Health Emergency Preparedness (PHEP) Aligned Well-Integrated Screening and Evaluation for Women Across the Nation	93.094	-	5,808	Department of Health Pennsylvania Department of Health	PO#4300307009	5,808	-
Food and Drug Administration							
Food and Drug Administration_Research	93.103	-	25,551	Children's Hospital of Philadelphia	ACTIVITY321022	25,551	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued)						
Health Resources and Services Administration							
Maternal and Child Health Federal Consolidated	93.110	65,229	-			65,229	-
Programs Maternal and Child Health Federal Consolidated	93.110	-	76,714	The Regents of the	1638 G SA129	76,714	=
Programs Maternal and Child Health Federal Consolidated Programs	93.110	-	23,641	University of California The Regents of the University of California	2000 G TJ481	23,641	-
National Institutes of Health							
Environmental Health	93.113	556,531	-			556,531	79,217
Environmental Health	93.113	=	4	Johns Hopkins	2000982389	4	=
Environmental Health	93.113	-	32,085	Universitv Johns Hopkins	7R01ES023780-03	32,085	-
Environmental Health	93.113	-	16,091	University University of	2015000641-02	16,091	=
Environmental Health	93.113	-	(5,275)	California. Davis University of Southern California	S4527412	(5,275)	-
Centers for Disease Control and Prevention							
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	93.116	-	79,828	Indiana University	5R01ES021735-04	79,828	-
National Institutes of Health							
Oral Diseases and Disorders Research	93.121	61,782	-			61,782	-
Office of Minority Health							
Community Programs to Improve Minority Health	93.137	-	50	District 1199C Training	AGREMENT 1-15-2016	50	=
Grant Program Community Programs to Improve Minority Health Grant Program	93.137	-	34,280	& Ungrading Fund District 1199C Training & Ungrading Fund	CPIMP151091	34,280	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	S (continued)						
National Institutes of Health							
<b>Human Genome Research</b>	93.172	-	262,389	The Regents of the	8037SC	262,389	-
<b>Human Genome Research</b>	93.172	-	19,329	University of California The Wistar Institute	24831-02330	19,329	-
<b>Human Genome Research</b>	93.172	-	4,493	University of	ADVANCE ACCOUNT	4,493	-
Research Related to Deafness and Communication	93.173	682,039	=	California. San		682,039	82,447
Disorders Research Related to Deafness and Communication	93.173	=	15,177	Massachusetts Eye and	5U01DC010371-05	15,177	-
Disorders Research Related to Deafness and Communication	93.173	=	2,479	Ear Infirmary Monell Chemical	NIH044A01KZHAO	2,479	-
Disorders Research Related to Deafness and Communication	93.173	-	23,082	Senses Center Ohio State University	60051959	23,082	-
Disorders Research Related to Deafness and Communication	93.173	-	15,450	The Medical College of	5R01DC007903-08	15,450	-
Disorders Research Related to Deafness and Communication Disorders	93.173	-	8,469	Wisconsin. Inc. University of Pennsvlvania	561592	8,469	-
Agency for Healthcare Research and Quality							
Research on Healthcare Costs, Quality and Outcomes	93.226	41,991	-			41,991	-
Research on Healthcare Costs, Quality and Outcomes	93.226	-	33,033	Boston Children's Hospital	RSTFD0000612033	33,033	-
National Institutes of Health							
Mental Health Research Grants	93.242	3,482,003	=			3,482,003	621,407
Mental Health Research Grants	93.242	-	125,602	Children's Hospital of	2R56MH058250-16	125,602	-
Mental Health Research Grants	93.242	-	487,333	Philadelphia Florida State University	R01761/R01787	487,333	62,823
Mental Health Research Grants	93.242	-	1,320	Oregon Research	RO1-MH 086582	1,320	=
Mental Health Research Grants	93.242	=	1,721	Institute Temple University	P30MH092177	1,721	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued)						
National Institutes of Health (continued)							
Mental Health Research Grants	93.242	-	4,808	Temple University	390463-04400-7342-	4,808	-
Mental Health Research Grants	93.242	-	6,984	Temple University	02 239415	6,984	=
Mental Health Research Grants	93.242	-	10,464	Temple University	360962-04400-7342-	10,464	-
Mental Health Research Grants	93.242	-	40,869	Temple University	02 258152-DREXEL	40,869	-
Mental Health Research Grants	93.242	-	111,282	Temple University	361072-04400-7341-02	111,282	-
Mental Health Research Grants	93.242	-	135,916	Temple University	361186-04400-7341-02	135,916	-
Mental Health Research Grants	93.242	-	155,894	Temple University	5P30MH092177-04	155,894	46,127
Mental Health Research Grants	93.242	-	14,087	University of Pennsvlvania	565091	14,087	-
Substance Abuse and Mental Health Services Adn	ninistration						
Substance Abuse and Mental Health Services- Projects of Regional and National Significance	93.243	-	8,339	Pennsylvania Department of Drug	4400007960	8,339	-
Substance Abuse and Mental Health Services- Projects of Regional and National Significance	93.243	-	216,929	Pennsylvania	1-U79-SM061750-01	216,929	-
Substance Abuse and Mental Health Services- Projects of Regional and National Significance	93.243	=	23,435	Department of Human Philadelphia Mental Health Care	100-1065	23,435	-
Public Health Service							
Public Health Training Centers Program	93.249	-	90,847	University of Pittsburgh	0044318(125309-1)	90,847	-
National Institutes of Health							
Alcohol Research Programs	93.273	238,999	=			238,999	-
Drug Abuse and Addiction Research Programs	93.279	3,482,817	-			3,482,817	724,466
Drug Abuse and Addiction Research Programs	93.279	=	2,399	Fordham University	LETTER DATED	2,399	-
Drug Abuse and Addiction Research Programs	93.279	=	26,116	Penn State University	12/5/2014 DRE DA035240	26,116	-
Drug Abuse and Addiction Research Programs	93.279	-	110,534	Temple University	360764-04760-02	110,534	=

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	S (continued)						
National Institutes of Health							
Drug Abuse and Addiction Research Programs	93.279	-	3,053	Thomas Jefferson	080-04000-S09501	3,053	-
Drug Abuse and Addiction Research Programs	93.279	-	(8,805)	University University of	U10-DA-013043-	(8,805)	-
Drug Abuse and Addiction Research Programs	93.279	-	53,954	Pennsvlvania University of Pennsvlvania	15S1/565060 568232/10052429/184 69 00	53,954	-
Centers for Disease Control and Prevention							
Centers for Disease Control and Prevention-	93.283	=	3,749	Association of Schools	LETTER DATED	3,749	-
Investigations and Technical Assistance Centers for Disease Control and Prevention-	93.283	=	(1,396)	J	8/5/15 4300375205	(1,396)	-
Investigations and Technical Assistance Discovery and Applied Research for Technological	93.286	157,885	=	Department of Health		157,885	-
Innovations to Improve Human Health Discovery and Applied Research for Technological	93.286	=	(546)	Thomas Jefferson	080-23000-502501	(546)	-
Innovations to Improve Human Health Minority Health and Health Disparities Research	93.307	193,794	=	University		193,794	-
Minority Health and Health Disparities Research	93.307	=	453,511	University of Michigan	3002467248	453,511	-
Trans-NIH Research Support	93.310	8,134	=			8,134	-
Nursing Research	93.361	=	14,558	ECOG-ACRIN Medical	SUBCONTRACT	14,558	-
Nursing Research	93.361	-	63,726	Research Foundation Smart Activities of Daily Living LLC	DATED APRII. 2016 1 R41 NR15191-01	63,726	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVI	CES (continued)						
National Institutes of Health							
Nursing Research	93.361	-	17,946	University of Pennsylvania	560145	17,946	-
Cancer Cause and Prevention Research	93.393	611,277	-	rennsvivania		611,277	-
Cancer Cause and Prevention Research	93.393	-	31,913	University of	560241	31,913	-
Cancer Detection and Diagnosis Research	93.394	882,380	=	Pennsvlvania		882,380	64,549
Cancer Detection and Diagnosis Research	93.394	=	40,404	ECOG-ACRIN Medical	U24CA196172-01-	40,404	-
Cancer Detection and Diagnosis Research	93.394	=	7,370	Research Foundation HealthPartners	DREX1 X1301200DREX	7,370	-
Cancer Detection and Diagnosis Research	93.394	=	54,165	Institute for Education HealthPartners	R01CA188892	54,165	-
Cancer Detection and Diagnosis Research	93.394	-	19,691	Institute for Education Thomas Jefferson	AGR.DATE 8/27/2014	19,691	-
Cancer Treatment Research	93.395	158,548	=	University		158,548	-
Cancer Treatment Research	93.395	-	16,377	Alliance Discovery	R43CA183362-01A1	16,377	-
Cancer Treatment Research	93.395	=	62,312	ECOG-ACRIN Medical	1UG1CA189828-01-	62,312	-
	93.395	=	311,232	Research Foundation ECOG-ACRIN Medical	DREX1 U10CA180820-01-	311,232	-
Cancer Treatment Research	93.395	=	214,047	Research Foundation The Wistar Institute	DREX1 25111-02-319	214,047	-
Cancer Treatment Research	93.395	=	66,869	Thomas Jefferson	080-30000-S18301	66,869	-
Cancer Treatment Research	93.396	189,700	=	University		189,700	-
Cancer Biology Research	93.396	-	107,797	Old Dominion	16-193-100578-010	107,797	-
Cancer Biology Research	93.396	-	(14,189)	University The Wistar Institute	24991-02-330	(14,189)	-
Cancer Biology Research	93.397	-	31,528	Thomas Jefferson	080-03500-PB0816	31,528	-
Cancer Centers Support Grants	93.398	262,739	-	University		262,739	-
Cancer Research Manpower	93.399	717,601	-			717,601	717,601
Cancer Control  Cancer Control	93.399	-	136,023	ECOG-ACRIN Medical Research Foundation	1UG1CA189828-01- DREXE1	136,023	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICES	S (continued)						
<b>Health Resources and Services Administration</b>							
<b>Public Health Training Centers Program</b>	93.516	-	81,665	University of	0044318(126605-1)	81,665	-
National Institutes of Health				Pittsburgh			
ARRA - Trans-NIH Recovery Act Research Support	93.701	-	12,614	Thomas Jefferson University	TJUP020889512	12,614	-
Office of the Secretary							
ARRA - Health Information Technology Professionals in Health Care	93.721	-	6,062	Johns Hopkins University	2002745442	6,062	-
Centers for Disease Control and Prevention							
State and Local Public Health Actions to Prevent Obesitv. Diabetes. Heart Disease and Stroke (PPHF)	93.757	-	185,890	City of Philadelphia- Department of Public	1520522	185,890	-
National Institutes of Health							
Cardiovascular Diseases Research	93.837	1,044,290	-			1,044,290	-
Cardiovascular Diseases Research	93.837	-	3,715	University of Columbia	GG010203	3,715	-
Cardiovascular Diseases Research	93.837	-	110,400	University of Michigan	3003020240	110,400	-
Cardiovascular Diseases Research	93.837	-	277,389	University of Michigan	3001283550	277,389	-
Arthritis, Musculoskeletal and Skin Diseases	93.846	792,602	-			792,602	207,005
Research Diabetes, Digestive, and Kidney Diseases Extramural	93.847	1,952,585	-			1,952,585	20,975
Research Diabetes, Digestive, and Kidney Diseases Extramural	93.847	-	122,716	Queens University	1U01DK103271	122,716	-
Research Diabetes, Digestive, and Kidney Diseases Extramural	93.847	-	146,706	Queens University	SUBAWARD NO. 1 562197	146,706	-
Research Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	5,338,396	-			5,338,396	699,782

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued)						
<b>National Institutes of Health</b>							
Extramural Research Programs in the Neurosciences	93.853	-	128,551	Cornell University	67362-9896	128,551	-
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	30,202	University of Alabama	000426787-007	30,202	-
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	(6,273)	at Birmingham University of Illinois	2010-00275-01	(6,273)	-
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	=	44,618	University of Miami	66951N	44,618	=
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	8,656	University of Michigan	3003918633	8,656	-
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	66,567	University of	558594	66,567	-
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	32,992	Pennsvlvania University of	564657	32,992	=
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	-	127,314	Pennsvlvania University of South	15-2732	127,314	=
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.853	=	(1,298)	Carolina University of Vermont	23801	(1,298)	-
and Neurological Disorders Allergy and Infectious Diseases Research	93.855	2,452,686	-			2,452,686	9,561
Allergy and Infectious Diseases Research	93.855	-	14,994	Children's Hospital of	8900730615	14,994	-
Allergy and Infectious Diseases Research	93.855	=	78,238	Philadelphia Columbia University	GG011019-03	78,238	-
Allergy and Infectious Diseases Research	93.855	-	(2,091)	Duke University	UM1AI104681	(2,091)	=
Allergy and Infectious Diseases Research	93.855	-	47,764	Family Health	PROVIDE PO15002328	47,764	-
Allergy and Infectious Diseases Research	93.855	-	(25)	International Fox Chase Chemical	1R41AI067719	(25)	-
Allergy and Infectious Diseases Research	93.855	-	131,354	Diversity Center. Inc. Henry Jackson	SUB AGMT#3053/PO#	131,354	-
Allergy and Infectious Diseases Research	93.855	-	27,982	Foundation for Johns Hopkins	848443	27,982	-
Allergy and Infectious Diseases Research	93.855	-	18,120	University Lenima Diagnostics,	R41AL120445-DRXL	18,120	-
Allergy and Infectious Diseases Research	93.855	-	96,266	LLC Lenima Diagnostics,	1R4AI1122224-01	96,266	-
Allergy and Infectious Diseases Research	93.855	-	143,643	LLC Oregon Health and	1004354_DREXEL	143,643	-
Allergy and Infectious Diseases Research	93.855	-	112,396	Science University Oregon Health and	1002997-DREXEL	112,396	-
Allergy and Infectious Diseases Research	93.855	-	19,282	Science University University of	UWSC8493/BPO7802	19,282	-
Allergy and Infectious Diseases Research	93.855	-	84,268	Washington Georgia Institute of	RG009-G1	84,268	-

Technology

Research and Development Cluster (continued)  DEPARTMENT OF HEALTH AND HUMAN SERVICES (continued)  National Institutes of Health  Biomedical Research and Research Training 93.859 4,043,257 4,043,257 4,043,257 2,044,243  Biomedical Research and Research Training 93.859 - 225,782 University of Papagethapia	Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
National Institutes of Health           Biomedical Research and Research Training         93.859         4,043,257         4,043,257         2,044,243           Biomedical Research and Research Training         93.859         -         225,782         University of         562336/569058         225,782         -	Research and Development Cluster (continued)							
Biomedical Research and Research Training         93.859         4,043,257         4,043,257         2,044,243           Biomedical Research and Research Training         93.859         -         225,782         University of         562336/569058         225,782         -	DEPARTMENT OF HEALTH AND HUMAN SERVIC	ES (continued)						
Biomedical Research and Research Training 93.859 - 225,782 University of 562336/569058 225,782 -	<b>National Institutes of Health</b>							
	Biomedical Research and Research Training	93.859	4,043,257				4,043,257	2,044,243
Donneylyania	Biomedical Research and Research Training	93.859	-	225,782		562336/569058	225,782	-
Child Health and Human Development Extramural 93.865 495,921 - 495,921 222,197	Child Health and Human Development Extramural	93.865	495,921	=	Pennsvlvania		495,921	222,197
Research Child Health and Human Development Extramural 93.865 - 8,806 Cal Poly Corporation 15-10-58222 8,806 -		93.865	-	8,806	Cal Poly Corporation	15-10-58222	8,806	-
Research Child Health and Human Development Extramural 93.865 - 16,350 Georgia State SP00011626-01 16,350 -		93.865	-	16,350	Georgia State	SP00011626-01	16,350	-
Research University Child Health and Human Development Extramural 93.865 - 13,318 Harvard School of 114074.1038.5041141 13,318 -		93.865	-	13,318		114074.1038.5041141	13,318	-
Research Public Health Child Health and Human Development Extramural 93.865 - 256,431 Harvard School of 114205-1138-5097549 256,431 -	Research Child Health and Human Development Extramural	93.865	-	256,431		114205-1138-5097549	256,431	-
Research Public Health Child Health and Human Development Extramural 93.865 - 12,827 University of Alabama ADVANCE DATED 12,827 -	Research Child Health and Human Development Extramural	93.865	=	12,827		ADVANCE DATED	12,827	=
Research at Birmingham 03/01/2016 Child Health and Human Development Extramural 93.865 - 35,544 University of 5-R01-HD-073221- 35,544 -	Research	93.865	=	35.544	at Birmingham		35.544	=
Research Pennsylvania 01A1/560737 Child Health and Human Development Extramural 93.865 - 126,449 University of Wisconsin 643K856 126,449 -	Research	93 865	_		Pennsvlvania			_
Research Aging Research 93.866 282,731 - 282,731 - 282,731 -	Research		282 731	-	conversity of Wisconsin	0.1011000	-,	_
Aging Research 93.866 - 41,350 Albert Einstein College 9-526-5549 41,350 -			202,731	41 250	Albert Finstein College	0.526.5540	·	
of Medicine of Yeshiva			-		of Medicine of Yeshiva			-
Aging Research 93.866 - 51,822 Albert Einstein College PO#0553566/310473 51,822 - of Medicine of Yeshiva	Aging Research	93.866	-	51,822		PO#0553566/310473	51,822	-
Aging Research 93.866 - 147,599 Regenerative Research 5012-DREXEL 147,599 -	Aging Research	93.866	-	147,599	Regenerative Research	5012-DREXEL	147,599	-
Aging Research 93.866 - 38,054 Foundation - 1558 G SA303 38,054 -	Aging Research	93.866	-	38,054	The Regents of the	1558 G SA303	38,054	-
Aging Research 93.866 - 1,284 University of California The Regents of the KK1302 1,284 -	Aging Research	93.866	-	1,284	The Regents of the	KK1302	1,284	=
University of   4500001204   1,661   -	Aging Research	93.866	-	1,661	Trustees of Boston	4500001204	1,661	=
University   48   49   48   49   49   49   49   49	Aging Research	93.866	-	15,934		000410331-005	15,934	=
at Birmingham Aging Research 93.866 - 689 University of 5950957/45896018 689 -	Aging Research	93.866	-	689		5950957/45896018	689	-
California   San Diego   Medical Library Assistance   93.879   67,106   Children's Research   30002441-01   67,106   67,106   -	Medical Library Assistance	93.879	-	67,106		30002441-01	67,106	-

Institute

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	S (continue	i)					
<b>Health Resources and Services Administration</b>							
HIV Emergency Relief Project Grants	93.914	-	189,802	Philadelphia	1520267 R6212	189,802	-
HIV Emergency Relief Project Grants	93.914	-	140,657	Department of Human Philadelphia	1520268 R5214	140,657	-
Special Projects of National Significance	93.928	-	37,483	Department of Human Philadelphia Fight		37,483	-
Substance Abuse and Mental Health Services Adm	inistration						
Block Grants for Prevention and Treatment of Substance Abuse	93.959	-	158,904	University of Louisiana	881125-01	158,904	-
National Institutes of Health							
International Research and Research Training	93.989	-	25,706	Oregon Health and	1004854_ANSP	25,706	-
International Research and Research Training	93.989	-	73,978	Science University University of Michigan	3003076006	73,978	-
International Research and Research Training	93.989	-	28,162	University of Utah	10039172-01	28,162	-
Department of Health and Human Services							
	93.999	96,997	-			96,997	=
	93.999	-	51,471	J	101143.001.005.001	51,471	=
	93.999	-	26,619	International ImCare Biotech, LLC	AGREEMENT EFF.	26,619	=
	93.999	-	15,684	Johns Hopkins	6/10/15 PO# 2001377397	15,684	-
	93.999	-	74,998	University Johns Hopkins	PO# 2001377397	74,998	-
	93.999	-	49,281	University Kaiser Permanente	98-007	49,281	-
	93.999	-	302,871	University of Arizona	PO# 269599	302,871	-
	93.999	-	3,402	Westat	6049.08-S01	3,402	3,402
TOTAL DEPARTMENT OF HEALTH AND HUMAN S	ERVICES	\$ 28,292,914	\$ 8,345,606			\$ 36,638,520	\$ 5,605,802

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster (continued)							
DEPARTMENT OF HOMELAND SECURITY							
Assistance to Firefighters Grant	97.044	522,589	-			522,589	41,061
TOTAL DEPARTMENT OF HOMELAND SECURITY		S 522,589	\$ -			\$ 522,589	\$ 41,061
TOTAL RESEARCH AND DEVELOPMENT CLUSTER		\$ 52,036,946	\$ 13,572,91 <b>5</b>			\$ 65,609,861	\$ 9,400,131

Federal Program	CFDA	Direct	Pas	ss-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Exp	Total penditures		sed to ecipients
Other Sponsored Projects										
DEPARTMENT OF AGRICULTURE										
Food and Nutrition Service										
State Administrative Matching Grants for the	10.561	\$ =	\$	486,470	Penn State University	5176-DU-COP-9151	\$	486,470		-
Supplemental Nutrition Assistance Program State Administrative Matching Grants for the	10.561	-		1,339,624	Penn State University	5317-DU-COP-9151		1,339,624		-
Supplemental Nutrition Assistance Program Subtotal CFDA 10.561		 -		1,826,094				1,826,094		-
Supplemental Nutrition Assistance Program, Process and Technology Improvement Grants	10.580	-		11,517	Penn State University	4294-DU-COP 8692		11,517		-
TOTAL DEPARTMENT OF AGRICULTURE		\$ -	\$	1,837,611			\$	1,837,611	8	-
DEPARTMENT OF DEFENSE										
Naval Air Systems Command	12.999	\$ 1,418	\$	-			\$	1,418		-
Department of Defense	12.999	260,717		-				260,717		-
	12.999	-		(4,559)	Zeomedix, Inc.	DTD 6/5/2011		(4,559)		-
	12.999	-		(2,802)	0 0	W911NF-C-0057		(2,802)		-
	12.999	-		26,521	Inc. Alpha Star Corporation	W911-QX-15-C-0045		26,521		-
TOTAL DEPARTMENT OF DEFENSE		\$ 262,135	\$	19,160			\$	281,295	\$	-
DEPARTMENT OF JUSTICE										
Office for Victims of Crime										
Crime Victim Assistance/Discretionary Grants	16.582	\$ 39,472	\$	-			8	39,472	s	200
TOTAL DEPARTMENT OF JUSTICE		\$ 39,472	\$	-			\$	39,472	\$	200

Federal Program	CFDA		Direct	Pass-	through	Pass Through Entity	Pass-Through Entity Sponsor Number	otal nditures		ssed to ecipients
Other Sponsored Projects (continued)										
DEPARTMENT OF LABOR										
<b>Employment Training Administration</b>										
Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grants	17.282	\$	=	\$	3,343	New England Institute of Technology	LETTER DATED 11/9/15	\$ 3,343		-
TOTAL DEPARTMENT OF LABOR		\$		\$	3,343			\$ 3,343	\$	-
NATIONAL AERONAUTICS AND SPACE ADMINIS	TATION (NA	SA)								
Education	43.008	\$	-	\$	3,573	Penn State University	5366-DU-NASA-K06H	\$ 3,573		-
	43.999		-		13,833	Space Telescope Science Institute	HST-GO-14135.001-A	13,833	-	
TOTAL NASA		\$	<u> </u>	\$	17,406			\$ 17,406	\$	-
INSTITUTE OF MUSEUM AND LIBRARY SERVICE	ES (IMLS)									
Laura Bush 21st Century Librarian Program	45.313	\$	2,599	\$	-			\$ 2,599	\$	2,599
TOTAL IMLS		\$	2,599	\$	<u>-</u>			\$ 2,599	\$	2,599
NATIONAL SCIENCE FOUNDATION										
Education and Human Resources	47.076		41,814		-			41,814		41,814
Office of International Science and Engineering	47.079		9,989		-			9,989		-
TOTAL NATIONAL SCIENCE FOUNDATION		\$	51,803	\$	-			\$ 51,803	\$	41,814

Federal Program	CFDA	Direct	Pass	s-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Exp	Total enditures		ssed to Recipients
Other Sponsored Projects (continued)										
DEPARTMENT OF ENERGY										
Advanced Research Projects Agency - Energy	81.135	\$ -	\$	140,441	EPRI	10004916	\$	140,441	-	
TOTAL DEPARTMENT OF ENERGY		\$ <u> </u>	\$	140,441			\$	140,441	\$	<u> </u>
DEPARTMENT OF EDUCATION										
Office of Postsecondary Education										
National Resource Centers Program for Foreign	84.015	-		2,241	University of	565407/10047739/1587		2,241		-
Language and Area Studies or Foreign Language and National Resource Centers Program for Foreign	84.015	-		3,815	Pennsvlvania University of	2 565326/10047593/1587		3,815		=
Language and Area Studies or Foreign Language and Subtotal CFDA 84.015		 -		6,056	Pennsvlvania	1		6,056		-
Fund for the Improvement of Postsecondary	84.116	28,384		-				28,384		=
Education Minority Science and Engineering Improvement	84.120	-		578	Community College of	P12A130035		578		=
Graduate Assistance in Areas of National Need	84.200	715,321		-	Philadelphia			715,321		=
Gaining Early Awareness and Readiness for Undergraduate Programs	84.334	-		134,442	The College Crusade of Rhode Island	P334S110008		134,442		-
Office of Elementary and Secondary Education										
Twenty-First Century Community Learning Centers	84.287	=		280,828	PA Department of	4100068057		280,828		=
Office of Special Education and Rehabilitative Serv	vices				Education					
Special Education - Personnel Development to	84.325	242,752		-				242,752		=
Improve Services and Results for Children with Mathematics and Science Partnerships	84.366	-		9,004	Purdue University	150801 & 140517		9,004		-
Mathematics and Science Partnerships	84.366	-		43,705	Philadelphia School	38AX-M67-9190-2272-		43,705		-
Subtotal CFDA 84.366		 -	-	52,709	District	3291		52,709		-
Supporting Effective Instruction State Grant	84.367	-		(1,117)	PA Department of	K071800020		(1,117)		(1,215)
(formerly Improving Teacher Quality State Grants) Supporting Effective Instruction State Grant	84.367	-		244,652	Education PA Department of	K071800034		244,652		75,892
(formerly Improving Teacher Quality State Grants) Supporting Effective Instruction State Grant	84.367	-		247,099	Education PA Department of	071-800055		247,099		102,995
(formerly Improving Teacher Quality State Grants) Subtotal CFDA 84.367		 _		490,634	Education			490,634		177,672
		\$ 986,457	\$	965,247			\$	1,951,704	\$	177,672

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Other Sponsored Projects (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVIC	ES						
Administration for Children and Families							
Affordable Care Act (ACA) Personal Responsibility Education Program	93.092	-	19,347	Philadelphia Health Management	LETTER DATED 10/05/15	19,347	-
National Institutes of Health							
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143	-	(88,974)	Mayo Clinic	HHSN261201200042I MCR-0108-CPN	(88,974)	-
Health Resources and Services Administration							
Coordinated Services and Access to Research for Women. Infants. Children. and Youth	93.153	320,870	-			320,870	31,209
Office of Population Affairs							
Family Planning Services	93.217	-	40,045	Access Matters/Family	1220455-	40,045	-
Family Planning Services	93.217	-	8,588	Planning Council Access Matters/Family	03/03/CPA4012 142401	8,588	-
Family Planning Services	93.217	-	(1,604)	Planning Council Access Matters/Family	144002	(1,604)	=
Family Planning Services	93.217	=	(6,631)	Planning Council Access Matters/Family	144009	(6,631)	=
Family Planning Services	93.217	-	4,694	Planning Council Access Matters/Family	145002	4,694	-
Family Planning Services	93.217	-	5,604	Planning Council Access Matters/Family	150201	5,604	-
Family Planning Services	93.217	-	(31,850)	Planning Council Access Matters/Family	152401	(31,850)	-
Family Planning Services	93.217	-	31,956	Planning Council Access Matters/Family	154002	31,956	-
Family Planning Services	93.217	-	5,837	Planning Council Access Matters/Family	156003	5,837	-
Family Planning Services	93.217	-	(105)	Planning Council Access Matters/Family	156301	(105)	-
Family Planning Services	93.217	-	135,567	Planning Council Access Matters/Family	162401	135,567	-
Family Planning Services	93.217	-	98,221	Planning Council Access Matters/Family	164002	98,221	-
Family Planning Services	93.217	-	132,963	Planning Council Access Matters/Family	164009	132,963	-
Family Planning Services	93.217	-	52,673	Planning Council Access Matters/Family	166301	52,673	-
Subtotal CFDA 93.217	_	-	475,958	Planning Council		475,958	

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Other Sponsored Projects (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE							
Substance Abuse and Mental Health Services Adn	ninistration						-
Substance Abuse and Mental Health	93.243	237,785	-			237,785	88,970
Services Proiects of Regional and National Substance Abuse and Mental Health	93.243	=	2,832	Bucks County Drug &	LETTER DATED	2,832	-
Services Proiects of Regional and National Substance Abuse and Mental Health	93.243	-	87,767	Alcohol Commission Pennsylvania	2/19/15 4300473253	87,767	-
Services Projects of Regional and National Substance Abuse and Mental Health	93.243	-	(110)	Department of Drug Philadelphia	1520275_1220367-02	(110)	-
Services Projects of Regional and National Substance Abuse and Mental Health	93.243	-	8,588	Department of Human Philadelphia	SA3021 1520275_1220367-02	8,588	-
Services Proiects of Regional and National Substance Abuse and Mental Health	93.243	-	27,983	Department of Human Philadelphia	SA3028 1520275_1220367-02	27,983	-
Services Proiects of Regional and National Substance Abuse and Mental Health	93.243	-	54,993	Department of Human Philadelphia	SA3025 1520275_1220367-02	54,993	-
Services Proiects of Regional and National <b>Subtotal CFDA 93.243</b>		237,785	182,053	Department of Human	SA3024	419,838	88,970
Centers for Disease Control and Prevention							
Centers for Disease Control and	93.283	-	2,365	Access Matters/Family	050205	2,365	-
Prevention Investigations and Technical Assistance Centers for Disease Control and	93.283	-	2,513	Planning Council Access Matters/Family	152603	2,513	-
Prevention Investigations and Technical Assistance Centers for Disease Control and	93.283	=	3,386	Planning Council Access Matters/Family	150104	3,386	-
Prevention Investigations and Technical Assistance Centers for Disease Control and	93.283	=	5,942	Planning Council Access Matters/Family	150104	5,942	-
Prevention Investigations and Technical Assistance Centers for Disease Control and	93.283	=	40,128	Planning Council Access Matters/Family	162603	40,128	-
Prevention Investigations and Technical Assistance Subtotal CFDA 93.283	_		54,334	Planning Council		54,334	
Office of the Secretary							
National Community Centers of Excellence in Women's Health	93.290	433,450	-			433,450	-

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Other Sponsored Projects (continued)							
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued)	)					
National Institutes of Health							
Cancer Treatment Research	93.395	-	(15,730)	Children's Hospital of	U10CA098543	(15,730)	
Cancer Treatment Research	93.395	-	2,031	Philadelphia Children's Hospital of	N02-CM-62212	2,031	
Cancer Treatment Research	93.395	-	10,081	Philadelphia Children's Hospital of	U10CA180866	10,081	
Cancer Treatment Research	93.395	-	2,034	Philadelphia Children's Hospital of	AALL1131	2,034	
Subtotal CFDA 93.395	_	=	(1,584)	Philadelphia		(1,584)	
Cancer Control	93.399	-	2,034	Children's Hospital of	FP00017458_SUB120_	2,034	
Administration for Children and Families				Philadelphia	01		
Social Services Block Grant	93.667	-	(6,795)	Access Matters/Family	152401	(6,795)	
Social Services Block Grant	93.667	-	1,195	Planning Council Access Matters/Family	150201	1,195	
Social Services Block Grant	93.667	-	116,755	Planning Council Access Matters/Family	160201	116,755	
Subtotal CFDA 93.667	_	_	111,155	Planning Council		111,155	
Centers for Medicare and Medicaid Services							
Section 223 Demonstration Programs to Improve Community Mental Health Services	93.829	-	127,178	Pennsylvania Department of Human	16SM62939A	127,178	
National Institutes of Health							
Cardiovascular Diseases Research	93.837	-	695	University of Rochester	415554-G	695	
Cardiovascular Diseases Research	93.837	-	11,185	Duke University	R01HL105448 GUIDE-	11,185	
Cardiovascular Diseases Research	93.837	-	11,915	Brigham and Women's	IT 122 5U01HL101422-02	11,915	
Cardiovascular Diseases Research	93.837	-	26,429	Hospital New England Research	PITCH-HF/	26,429	
Subtotal CFDA 93.837	_		50,224	Institute	UO1HL105463	50,224	
Arthritis, Musculoskeletal and Skin Diseases	93.846	-	585	University of North	SUBAWARD# 5100904	585	
Research Child Health and Human Development Extramural	93.865	-	(39,820)	Carolina University of New	3R89B	(39,820)	
Research Child Health and Human Development Extramural Research	93.865	-	8	Mexico Harvard School of Public Health	114074.0938.5041141	8	

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued	<b>I</b> )					
National Institutes of Health							
Child Health and Human Development Extramural	93.865	=	30,935	Harvard School of	114074.1038.5041141	30,935	=
Research Child Health and Human Development Extramural	93.865	=	175,551	Public Health Columbia University	U10HD036801 &	175,551	-
Research Subtotal CFDA 93.865	-	-	166,674		U01HL098354	166,674	-
Aging Research	93.866	-	17,679	University of California. San Diego	ADC-040-A4-H8A-MC- LZAZ	17,679	-
Health Resources and Services Administration						0	
HIV Emergency Relief Project Grants	93.914	-	(4,802)	Philadelphia	05-21117-01	(4,802)	-
HIV Emergency Relief Project Grants	93.914	-	501	Department of Human Philadelphia	1320708 R4619	501	-
HIV Emergency Relief Project Grants	93.914	-	703	Department of Human Philadelphia	1520267 R4587	703	-
HIV Emergency Relief Project Grants	93.914	-	51,338	Department of Human Philadelphia	1520268-02 RWS6365	51,338	-
HIV Emergency Relief Project Grants	93.914	-	70,176	Department of Human Philadelphia	1520268-02 R6214	70,176	-
HIV Emergency Relief Project Grants	93.914	-	93,215	Department of Human Philadelphia	1520267-02 RS5875	93,215	-
HIV Emergency Relief Project Grants	93.914	-	106,897	Department of Human Philadelphia	1520268 R5214	106,897	-
HIV Emergency Relief Project Grants	93.914	-	108,391	Department of Human Philadelphia	1520267-03 R6213	108,391	-
HIV Emergency Relief Project Grants	93.914	<del>-</del>	231,791	Department of Human Philadelphia	1520267 R5213	231,791	-
HIV Emergency Relief Project Grants	93.914	<del>-</del>	537,926	Department of Human Philadelphia	1520267 R5212	537,926	<del>-</del>
Subtotal CFDA 93.914			1,196,136	Department of Human		1,196,136	
HIV Care Formula Grants	93.917	-	15,129	Philadelphia	1520160 RXB6113	15,129	-
HIV Care Formula Grants	93.917	-	15,927	Department of Human Philadelphia Department of Human	1520160-01 RXB6112	15,927	-

ederal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
DEPARTMENT OF HEALTH AND HUMAN SERVICE	ES (continued	)					
Health Resources and Services Administration (c	ontinued)					0	
HIV Care Formula Grants	93.917	-	45,302	Philadelphia	1520160-01 RXA6113	45,302	
HIV Care Formula Grants	93.917	-	47,218	Department of Human Philadelphia	1520160-01 RXA6112	47,218	
Subtotal CFDA 93.917	_	=	123,576	Department of Human		123,576	
Grants to Provide Outpatient Early Intervention	93.918	851,278	-			851,278	27,61
Services with Respect to HIV Disease Scholarships for Health Professions Students from	93.925	75,000	=			75,000	
Disadvantaged Backgrounds Scholarships for Health Professions Students from	93.925	322,075	-			322,075	
Disadvantaged Backgrounds Subtotal CFDA 93.925	_	397,075		-		397,075	
Centers for Disease Control and Prevention							
HIV Prevention Activities_Health Department Based	93.940	-	23,100	Access Matters/Family	163007	23,100	
HIV Prevention Activities_Health Department Based	93.940	_	18,421	Planning Council Access Matters/Family	1220455-	18,421	
HIV Prevention Activities_Health Department Based	93.940	_	25,889	Planning Council Philadelphia	03/03/CPA4012 1520269 CPA5056	25,889	
HIV Prevention Activities_Health Department Based	93.940	_	26,541	Department of Human Philadelphia	1520269-03/CPB6056	26,541	
HIV Prevention Activities_Health Department Based	93.940	_	49,912	Department of Human Philadelphia	1520269/CPB6038	49,912	
HIV Prevention Activities_Health Department Based	93.940		53,313	Department of Human Philadelphia	1520304 B5005	53,313	
	-		197.176	Department of Human	1320304 B3003	197.176	
Subtotal CFDA 93.940		-					·
Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS)	93.944	-	99,966	Children's Hospital of Philadelphia	4100065929	99,966	-
Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS)	93.944	-	(3,007)	Children's Hospital of Philadelphia	22001-06-15	(3,007)	-
Subtotal CFDA 93.944	_	-	96,959	- Timakkinnia		96,959	
Substance Abuse and Mental Health Services Adn	ninistration						
Block Grants for Prevention and Treatment of Substance Abuse	93.959	-	105,445	City of Philadelphia - Office of Addiction	15-20483	105,445	69,17
Health Resources and Services Administration							
Prevention and Public Health Fund (PPHF) Public	93.964	122,708	-			122,708	-
Health Traineeships Maternal and Child Health Services Block Grant to the States	93.994	-	7,803	Access Matters/Family Planning Council	166301	7,803	-

Other Sponsored Projects (continued)

Federal Program	CFDA	Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
DEPARTMENT OF HEALTH AND HUMAN SERVICE	•	1)					
Maternal and Child Health Services Block Grant to the States Maternal and Child Health Services Block Grant to	93.994 93.994	-	5,022 5.831	Access Matters/Family Planning Council Access Matters/Family	160201 162401	5,022 5.831	-
the States Maternal and Child Health Services Block Grant to	93.994	=	41,514	Planning Council American Academy of	LTR DATED 6/30/12	41,514	-
the States Maternal and Child Health Services Block Grant to the States	93.994	-	(10,817)	Pediatrics Pennsylvania Department of Health	SAP 4100058610	(10,817)	- -
Maternal and Child Health Services Block Grant to the States Maternal and Child Health Services Block Grant to	93.994	=	(328)	Pennsylvania Department of Health	SAP 4100065983	(328)	-
the States Maternal and Child Health Services Block Grant to	93.994	-	39,914	Pennsylvania Department of Health Pennsylvania	SAP 4100065972 SAP 4100065966	39,914	-
the States Maternal and Child Health Services Block Grant to the States	93.994 93.994	-	76,961 276.741	Department of Health Pennsylvania	SAP 4100065983	76,961 276,741	-
Maternal and Child Health Services Block Grant to the States	93.994	-	(536)	Department of Health University of Michigan	3001890371	(536)	- -
Subtotal CFDA 93.994	·	=	442,105			442,105	-
TOTAL DEPARTMENT OF HEALTH AND HUMAN	SERVICES	\$ 2,363,166	\$ 3,278,060			\$ 5,641,226	S 216,965
TOTAL OTHER SPONSORED PROGRAMS CLUST	ER	\$ 3,705,632	\$ 6,261,268			\$ 9,966,900	439,250

Federal Program	CFDA		Direct	Pass-through	Pass Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	assed to -Recipients
Financial Aid Cluster								
DEPARTMENT OF EDUCATION								
Office of Student Financial Aid								
Federal Supplemental Educational Opportunity Grants	84.007	\$	1,566,033	\$ -			\$ 1,566,033	-
Federal Work-Study Program	84.033		2,055,820	-			2,055,820	-
Federal Perkins Loans	84.038		25,981,479				25,981,479	
Federal Pell Grant Program	84.063		14,760,877	-			14,760,877	-
Federal Direct Student Loans	84.268		252,144,615	-			252,144,615	-
TOTAL DEPARTMENT OF EDUCATION		8	296,508,824	\$ -	<u>.</u>		\$ 296,508,824	 <del>-</del>
DEPARTMENT OF HEALTH AND HUMAN SERVICES	6							
Primary Care Loans	93.342	\$	3,399,650	\$ -			\$ 3,399,650	\$ -
Loans for Disadvantaged Students	93.342		190,553	-			190,553	-
Nursing Student Loans	93.364		33,530	-			33,530	-
TOTAL DEPARTMENT OF HEALTH AND HUMAN SE	RVICES	\$	3,623,733	\$ -	<u>.</u>		\$ 3,623,733	
TOTAL FINANCIAL AID CLUSTER		\$	300,132,557	<b>s</b> -	- -		\$ 300,132,557	-
TOTAL FEDERAL AWARD EXPENDITURES		8	355,875,135	\$ 19,834,183	- -		\$ 375,709,318	\$ 9,839,381

#### 1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") summarize the expenditures of Drexel University and Subsidiaries (the "University") under programs of the federal government for the year ended June 30, 2016. Because the Schedule present only a selected portion of the operations of the University, they are not intended to, and do not, present the consolidated financial position, revenues, expenses, and changes in net assets of the University.

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

Federally guaranteed loans issued to students of the University by various financial institutions and campus-based loan programs, disclosed in Note 3, are also included in the Schedule.

The University applies its predetermined approved facilities and administrative rate when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

## 2. Basis of Accounting

The Schedule are presented using the accrual basis of accounting. Negative items on the Schedule represent adjustments or credits in cases where program expenditures exceed grant or contract budget limitations from the prior year.

## 3. Federal Student Loan Programs

Federally-guaranteed loans (including subsidized and nonsubsidized loans) issued to students of Drexel University directly by Drexel University during the year ended June 30, 2016, and included on the accompanying Schedule of Expenditures of Federal awards are summarized below:

Federally-guaranteed loans (including			FY 2016	
subsidized and non-subsidized loans):	CFDA Number	Amount Authoriz		
Graduate PLUS Loans	84.268	\$	44,584,010	
Parent Loans for Undergraduate				
Students	84.268		46,183,602	
Subsidized Direct Loans	84.268		33,132,591	
Unsubsidized Direct Loans	84.268		128,543,340	
Total Federally -guaranteed loans		\$	252,443,543	

Drexel University is responsible only for the performance of certain administrative duties with respect to the federally-guaranteed student loan programs; therefore, the net assets and transactions for those programs are not included in the University's financial statements.

Drexel University also participates in and administers the following student loan programs:

	CFDA Number	nce Outstanding as of one 30, 2016
Other student loan programs:		
Federal Perkins Loan Program	84.038	\$ 20,138,285
Primary Care Loans	93.342	3,399,659
Loans for Disadvantaged Students	93.342	199,553
<b>Nursing Student Loan</b>	93.364	33,530
		\$ 23,771,027

Drexel University accounts for such loan programs in separate revolving loan funds. As such, the balances and transactions of these loan programs are recorded in Drexel University's consolidated financial statements. The amounts on the Schedule for these loan programs also include expenditures for the administrative costs of the respective programs. The beginning of year loan outstanding balances, new loans issued and administrative cost allowances, if any, are recorded on the accompanying Schedule of Expenditures of Federal Awards.

II. Reports o	n Internal Con	trols and Compliance	P



# 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 Trustees Drexel University

We have audited, in accordance with the 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 Drexel University and its subsidiaries (the "University"), which comprise the consolidated statement of financial position as of June 30, 2016, 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 26, 2016.

## **Internal Control Over Financial Reporting**

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

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

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



## **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the 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.

Phicewaterhouse Coopers LLP

Philadelphia, Pennsylvania October 26, 2016



## 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 Trustees Drexel University

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

We have audited Drexel University's (the "University") compliance with the types of compliance requirements described in the OMB *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2016. The 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.

## Auditor's Responsibility

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

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

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

In our opinion, the 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, 2016.



## **Other Matters**

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2016-001 through 2016-004. Our opinion on each major federal program is not modified with respect to these matters.

The University's response to the noncompliance findings identified in our audit is described in the accompanying Management's View and Corrective Action Plan. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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

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

Philadelphia, Pennsylvania

Rucewaterhouse Coopers LLP

March 28, 2017

II	. Findings and Questioned Costs

## **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	Xno
•	Significant deficiency(ies) identified that are not considered to be material weaknesses?	yes	X_ none noted
•	Non-compliance 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 2 CFR 200.516(a)?	_X_yes	no
	0.7.1.1.7	al .

Identification of major programs CFDA Number(s):	Name of Federal Program or Cluster:		
of Difficulties (S).			
Various	Student Financial Aid Cluster		
Various	December 9 December 200 August 19		
various	Research & Development Cluster		
Dollar threshold used to distinguish between type A			
and type B programs:	\$2,267,303		
Auditee qualified as low-risk auditee?	no		

## **Section II – Financial Statement Findings**

No findings to be reported.

## **Section III – Federal Award Findings and Questioned Costs**

2016-001: Effort Reporting

**Federal Agency:** Department of Health and Human Services

**Program:** Research and Development Cluster

CFDA #: Refer Below
Award #: Refer Below
Award Year: Fiscal year 2016

**Pass-through:** None

## Criteria

Per 2 CFR part 200.430, management is to implement and maintain an employee time reporting system in which effort is reviewed to ensure the effort charged to the grant is accurate, and is based on the actual effort devoted to the various functional and programmatic activities to which the salary and wage costs are charged. Additionally, the University has a policy in place for attesting to effort applied to a grant to account for the accuracy of the personnel costs charged.

## **Condition**

During our testing of compliance with direct compensation, specifically with regards to timely effort reporting, we noted 4 of 60 effort reports was certified on average 320 days after the period end date, ranging from 165 days to 434 days. Although the effort report was not certified timely, there were no errors noted or adjustments required to the amounts charged to the award. Refer to the chart below for more information.

					Date	Days After
#	Agency	CFDA #	Award #	Effort Period	Certified	Period End
1	DHHS	93.837	1U01HL116256-01A1	7/1/2015 - 12/31/2015	3/7/2017	432
2	DHHS	93.837	1U01HL116256-01A1	7/1/2015 - 12/31/2015	6/13/2016	165
3	DHHS	93.279	5R01DA029663-06 Revised	7/1/2015 - 12/31/2015	3/9/2017	434
4	DHHS	93.113	1R21ES025559-01	4/1/2016 - 6/30/2016	3/5/2017	248

This is a repeat of the prior year finding 2015-002.

#### Cause

All but one of these effort reports were for the period of 7/1/2015 - 12/31/2015, which was prior to the implementation of the new effort reporting system which was installed to address this issue by creating additional edit reports allowing for simplified monitoring of timing of outstanding reports. For the effort report that was found to be certified untimely for the period after the system update, the delay was known, however additional time was necessary to complete the reconciliation and review of all effort due to the complexity of the personnel's labor distribution over multiple awards and activities.

## **Effect**

The effort reported could be incorrect and if not reviewed and corrected in a timely manner, costs charged to a grant could be incorrect.

#### Recommendation

We recommend the University continue to utilize the new system and policy updates to ensure all effort reports are certified in a timely manner.

## Management's Response

2016-002: Cost Transfers

**Federal Agency:** Refer Below

**Program:** Research and Development Cluster

CFDA #: Refer Below
Award #: Refer Below
Award Year: Fiscal year 2016
Pass-through: Refer Below

#### Criteria

Critera Section 200.541 of the Uniform Guidance states that "excess of costs over authorized funding levels transferred from any award or contract to another award or contract is unallowable". Section 200.403 states that "except where otherwise authorized by statute, costs must meet the following general criteria in order to be allowable under Federal awards... (g) Be adequately documented". Appropriate controls should be in place to prevent frequent, tardy, and unexplained (or inadequately explained) transfers. National Institute of Health states that cost transfers should be accomplished within 90 days of when the error was discovered and that the transfer must be supported by documentation that fully explains how the error occurred and a certification of the correctness of the new charge by a responsible official of the recipient, subrecipient, or contractor. Finally, Drexel University Cost Transfer Policy states that non-labor cost transfers must be processed within 120 days of the date of the original transaction.

#### **Condition**

PwC selected a sample of 60 cost transfers. These transfers included journal entries to remove and record transactions to federal awards. There is no consistent way to identify the dates when the error was discovered. As such, PwC evaluated cost transfers using the date of the original transaction in relation to the date of the transfer, in accordance with Drexel policy. 21 of 60 samples selected for testing were cost transfers that would be considered untimely, where underlying transactions needing correction were processed between 218 and 1217 days after the date of the original transaction. Refer to the chart below for more information.

#	Agency	CFDA #	Award #	Pass Through	Amount	Days After Orig. Trans.
1 - 17	FEMA	97.044	EMW-2011-FP-00069 FG1100069FPS	N/A	(2,433.29)	246 - 1219
18	Dept. of Commerce	11.431	GG001959	Columbia University	(58.30)	820
19	Dept. of Army	12.999	DTD 6/5/2011	Zeomedix, Inc.	153.84	218
20	DHHS	93.837	1U01HL116256-01A1	N/A	(14.51)	337
21	NSF	47.076	HRD-1408052	N/A	7,736.44	566

This is a repeat of prior year finding 2015-004.

#### Cause

Due to employee turnover, the University did not timely identify all necessary transfers and was delayed in executing the final closeout reconciliations which has also resulted in untimely transfers of certain costs upon closeout of an award.

## **Effect**

Costs requiring correction are not detected and/or transferred in a timely manner as required by the federal regulations and Drexel University's policy. This may ultimately result in inaccurate and/or out of period reporting and billing to the federal sponsoring agency. However, there are no questioned costs associated with this finding as we note that all transfers were allowable.

2016-002: Cost Transfers, Continued

## Recommendation

We recommend the University continue to enhance its efforts to perform the final close out reconciliations timely. Additionally, continued education of the research community on its cost transfer policy, with a specific emphasis on the timely detection and processing of necessary cost transfers will help reduce the amount of transfers identified during close out.

## **Management's Response**

# 2016-003: Student Financial Aid Special Tests and Provisions – Borrower Data Transmission and Reconciliation (Direct Loan)

**Federal Agency:** Department of Education **Program:** Federal Direct Loans

**CFDA** # 84.268 **Award** #: N/A

**Award Year:** Fiscal year 2016

**Pass-through:** None

## Criteria

34 CFR Section 685.301 which sets forth standards for reconciling University records to the DOE records.

## **Condition**

During our testing of compliance with the Direct Loan reconciliation process, we noted that the reconciliations performed each month did not include the entire student population. For the fiscal year ending June 30, 2016, Drexel University Financial Aid Office did not have a process in place to completely reconcile 100% of the variances every month, as such, within each month only about one third of the students are reconciled. However, there are no questioned costs associated with this finding as we note that all variances are all reconciled by the end of the fiscal year.

This is a repeat of finding 2015-003.

## Cause

The current reconciliation process is manual and labor intensive. Management performs a portion of the full reconciliation each month based on assessed risk of variances. The University has also had turn over on the loan processing team in the current year which contributed to the delay in resolving this issue.

## **Effect**

The University could fail to recognize discrepancies within student accounts within the appropriate amount of time (30 days).

## Recommendation

We recommend the University fully implement the new reconciliation process and reconcile 100% of the variances each month.

## Management's Response

2016-004: Written Arrangements with Another Institution, Consortium, or Organization to Provide Educational Programs

**Federal Agency:** Department of Education **Program:** Federal Direct Loans

**CFDA** # 84.268 **Award** #: N/A

**Award Year:** Fiscal year 2016

**Pass-through:** None

#### Criteria

34 CFR Section 668.5 sets forth standards for written arrangements to provide educational programs. Under this guidance, an eligible institution (in this case the University) may enter into a written arrangement with an ineligible organization to provide part of an educational program for students, if certain criteria are met.

The ineligible organization could be considered eligible if (1) it provides less than 50% of the educational program, and (2) both organizations are not owned or controlled by the same individual, partnership, or corporation.

## **Condition**

During our testing of compliance with written arrangements to provide educational programs, we noted the University has a written arrangement with one organization that, while accredited by an agency that is recognized by the Department of Education for Title IV purposes, had not established eligibility to participate in federal student financial assistance programs. The University and this organization are not owned or controlled by the same individual, partnership, or corporation, so the 50% rule outlined in 24 CFR section 668.5 applies. However, in fiscal year 2016 the organization provided 67% of the educational program, which is in excess of the 50% maximum.

## Cause

The University did not have a process in place to monitor compliance with the 50% rule outlined in 24 CFR Section 668.5 for written arrangements entered into with an ineligible institution.

#### **Effect**

The University is not in compliance with 24 CFR Section 668.5 as it relates to written arrangements entered into with ineligible institutions.

## Recommendation

We recommend the University work with the organization and the Department of Education to come to a resolution of this issue.

## **Management's Response**

**Summary Schedule of Prior Audit Findings** 

2015 - 001: Complex Transactions

## **Summary**

The University frequently enters into transactions with complex accounting implications that have potentially significant effects on the financial statements. As part of the financial statement audit, PwC recommended that we should continue to develop a process to ensure comprehensive evaluation and documentation of all significant transactions by individuals with the relevant expertise, specifically as it relates to more complex transactions, such as leases. Additionally, we should implement a formal procedure for identifying and communicating complex transactions requiring specific accounting and reporting considerations.

## **Status**

The University is actively engaged with two independent CPA firms to assist with complex transactions and to assist with the development of formal white papers related to complex transactions and related accounting procedures and considerations. One firm handles historical and new market tax credit transactions and the other firm assists with less specialized complex transactions. All documents developed in tandem with the CPA firms and management are reviewed by our external auditors (PwC) as part of the audit engagement. The University is in the process of implementing the contract module of its existing procurement system to capture all contracts and further enhance its review process to ensure appropriate parties are involved in discussion at the earliest stages to ensure proper administration and accounting. The contract module is expected to be fully implemented by September 2017.

## 2015-002: Effort Reporting

**Federal Agency:** Department of Health and Human Services, Department of Energy, National

Science

Foundation, FEMA, Office of Naval Research, National Aeronautics & Space

Administration, National Institutes of Health

**Program:** Research and Development Cluster

**CFDA #:** 93.074, 81.049, 47.074, 97.044, 12.300, 43.001, 93.853, 93.242

**Award #:** 440007960, 11122-31, 1010-216-AQU, EF-1115131, EMW-2012-FP-00205,

N00014-12-1-0160, NNX12AP65G, 2P01NS055976-06A1, 5R01MH085666-07

**Award Year:** Fiscal year 2015

**Pass-through:** Pennsylvania Department of Health, Research Partnership to Secure Energy for

America, Neon, Inc.

## **Summary**

During PwC testing of compliance with direct compensation, specifically with regards to timely effort reporting, they noted 19 of 60 effort reports were certified and approved in excess of 90 days of the period end date. Untimely certifications on average took place 192 days after the period end date, ranging from 104 to 197 days.

Additionally, for 4 effort reports selected for testing a copy of the original signed effort report was not able to be produced. As such, PwC was not able to conclude on timeliness of certification.

#### Status

This finding is being repeated in 2016 primarily due to delayed labor reallocations which needed to be completed and approved before the effort report can be updated and certified in the legacy effort reporting system. The University continues to offer quarterly training sessions to both pre-reviewers and certifiers on its Effort Reporting Policy and the Banner Effort Reporting System. Regular reminders are sent to pre-reviewers and certifiers to ensure timely completion of labor redistributions and outstanding effort certifications. Research Accounting Services has added a staff member to the effort reporting process who is responsible for following up on outstanding effort reports. The associate deans of each school are also updated on outstanding certifications so that they can work with the departmental administrators to complete certifications in a timely fashion.

2015-003: Student Financial Aid Special Tests and Provisions – Borrower Data Transmission and Reconciliation (Direct Loan)

**Federal Agency:** Department of Education **Program:** Federal Direct Loans

**CFDA** # 84.268 **Award** #: N/A

**Award Year:** Fiscal year 2015

**Pass-through:** None

## **Summary**

During PwC's testing of compliance with the Direct Loan reconciliation process, they noted that the reconciliations performed each month did not include the entire student population. For the fiscal year ending June 30, 2015, the Financial Aid Office did not have a process in place to completely reconcile 100% of the variances every month, as such, within each month only about one third of the students were reconciled.

#### **Status**

This is a repeat finding in 2016 because a key staff member who was expert in the reconciliation process left abruptly for personal reasons. The loan processing team is now fully staffed and trained on the reconciliation process and have been advised that the monthly reconciliation is a critical part of their job performance. The Student Financial Services department has also built into the system a tracking mechanism to record when the reconciliation was completed, and it has a monthly sign-off by the reviewer. Further, the reconciliation report has been enhanced to allow the Student Financial Services department to better analyze the data by disbursement date. The report now allows the Student Financial Services department to adjust within the University's ERP system (Banner) or on the Common Origination and Disbursement System (COD) site when issues are identified.

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## 2015-004: Allowable Costs/Cost Principles - Cost Transfers

**Federal Agency:** National Institutes of Health **Program:** Research and Development Cluster

**CFDA #:** 93.242, 93.866

**Award #:** 5R01MH085666-07, 5R21AG041510-02

**Award Year:** Fiscal year 2015

**Pass-through:** None

## **Summary**

PwC selected a sample of 60 cost transfers. These transfers included journal entries to remove and record transactions to federal awards. PwC noted that 3 of 60 samples selected for testing were cost transfers that would be considered untimely, where underlying transactions needing correction were processed between 134 and 775 days after the date of the original transaction.

## Status

This finding is being repeated in 2016 due to the University's concerted efforts to eliminate its close-out backlog which has resulted in untimely cost transfers. During fiscal year FY 2016, the University implemented a journal workflow tool which streamlines the processing of cost transfers to help improve timeliness and provides for increased transparency. Research Accounting Services emphasizes in its trainings to the University research community the importance of regular review of ledger activity and the need to correct errors as they are discovered. In addition, Research Accounting Services, routinely encourages the use of advance accounts for those awards that are awaiting fully executed agreements so that cost transfers will not be necessary once the agreement is in place.



# Management's View and Corrective Action Plan to Uniform Guidance Schedules of Expenditures of Federal Awards Fiscal Year 2016 Uniform Guidance Audit Findings

## 2016-001: Effort Reporting

The University continues to utilize and improve the new Banner Effort Reporting System. In the second quarter of FY17 improvements were made to the system to automatically send out notifications when a report is awaiting pre-review and certification. We have also standardized our email notifications which go out weekly to principal investigators and department administrators who have open effort reports. Research Accounting Services has added a staff member to the effort reporting process who is responsible for following up on outstanding effort reports. The associate deans of each school or college are also updated on outstanding certifications so that they can work with the departmental administrators to complete certifications in a timely fashion. The University also provides quarterly trainings to its business managers and principal investigators to educate them on the Effort Reporting Policy and the importance of timely pre-reviews and certifications.

Evelyn Balabis

Executive Director,

Research Accounting Services

215-895-2946



## 2016-002: Cost Transfers

The University has been making concerted efforts to eliminate its close-out backlog which has resulted in untimely cost transfers. The close-outs have required removal of expenses from the grant to unrestricted sources which then results in late cost transfers. These transfers to do not usually result in a revised report, adjustment to draws or refunds to the sponsor.

During fiscal year FY 2016, the University implemented a journal workflow tool which streamlines the processing of cost transfers to help improve timeliness and provides for increased transparency. Research Accounting Services emphasizes in its trainings to the University research community the importance of regular review of ledger activity and the need to correct errors as they are discovered. In addition, Research Accounting Services, encourages the use of advance accounts for those awards that are awaiting fully executed agreements so that cost transfers will not be necessary once the agreement is in place.

Evelyn Balabis

Executive Director,

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Drexel Central - Student Financial and Registration Services

## 2016-003: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS – BORROWER DATA TRANSMISSION AND RECONCILIATION (DIRECT LOAN)

This finding is the result of recent staff turnover in the department. The loan processing team is now fully staffed and trained on the reconciliation process and have been advised that the monthly reconciliation is a critical part of their job performance. The Office of Financial Aid has also built into the system a tracking mechanism to record when the reconciliation was completed, and it requires a monthly sign-off by the reviewer. Further, the reconciliation report has been enhanced to allow the Office of Financial Aid to better analyze the data by disbursement date. The report now allows the Office of Financial Aid to focus on the student disbursement issues that occurred in the prior month and to make the necessary adjustments directly within the University's ERP system (Banner) or on the COD site when issues are identified.

Cindy De Ighe Executive Director Office of Financial Aid 215 571-4545



Drexel Central - Student Financial and Registration Services

2016-004: Written Arrangements with another Institution, Consortium, or Organization to Provide Educational Programs

Management accepts the auditor's recommendations. We are currently working with the organization to make changes to the program's master curriculum and in the delivery of the course offerings that would fully satisfy the conditions set forth at 34 CFR Section 668.5. We have taken immediate steps to cease any continued federal funding for students in this program until the educational program is brought into full compliance with 34 CFR 668.5 requirements for written arrangements with ineligible organizations.

Cindy De Lone Executive Director 215 571-4545