Drexel University and Subsidiaries

Financial Statements and Schedule of Expenditures of Federal Awards and Reports in Accordance with OMB Circular A-133 Thereon For the year ended June 30, 2014 EIN # 23-1352630

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Independent Auditor's Report

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, 2014 and 2013, and the related consolidated statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Consolidated Financial Statements

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

Auditor's 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 the 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.

PricewaterhouseCoopers LLP, Two Commerce Square, Suite 1700, 2001 Market Street, Philadelphia, PA 19103-7042 T: (267) 330 3000, F: (267) 330 3300, www.pwc.com/us



Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of the University at June 30, 2014 and 2013, and the results of its operations 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 schedules of expenditures of federal awards for the year ended June 30, 2014 are presented for purposes of additional analysis as required by Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations* and are 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 schedules of expenditures of federal awards are 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 November 6, 2014 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 for the year ended June 30, 2014. The purpose of that report is to describe the scope of our testing of internal control over financial reporting 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.

Kinewaterhouse Coopers LLP

Philadelphia, Pennsylvania November 6, 2014

I. Financial Statements

Drexel University and Subsidiaries Consolidated Statements of Financial Position June 30, 2014 and 2013

(in thousands)	2014			2013
Assets Cash and cash equivalents				
Operating	\$	106,992	\$	83,500
Restricted	Ψ	7,017	Ψ	4,004
Accounts receivable, net		, -		,
Tuition		50,720		54,244
Grants, contracts and other		60,940		60,295
Patients		8,043		8,537
Tenet Healthcare Corporation		1,746		3,119
Total accounts receivable, net		121,449		126,195
Contributions receivable, net		72,334		82,200
Other assets		20,184		19,234
Deposits with bond trustees		1,983		30,504
Student loans receivable, net		35,106		35,856
Beneficial interests in trusts		56,438		53,605
Investments		676,669		616,706
Land, buildings and equipment, net		884,807		803,733
Total assets	\$	1,982,979	\$	1,855,537
Liabilities				
Accounts payable	\$	48,205	\$	60,205
Accrued expenses		101,669		91,709
Deposits		39,062		35,128
Deferred revenue		104,681		77,928
Capital lease		3,451		2,930
Government advances for student loans		28,185		27,394
Postretirement and pension benefits		55,745		50,741
Bonds and notes payable		454,591		455,636
Total liabilities		835,589		801,671
Net assets				
Unrestricted		575,745		508,375
Temporarily restricted		261,203		255,460
Permanently restricted		310,442		290,031
Total net assets		1,147,390		1,053,866
Total liabilities and net assets	\$	1,982,979	\$	1,855,537

Drexel University and Subsidiaries Consolidated Statement of Activities Year Ended June 30, 2014

(in thousands)	U	Unrestricted		Temporarily Restricted		ermanently Restricted	Total
Operating revenue							
Tuition and fees	\$	802,867					\$ 802,867
Less: Institutional financial aid		(203,281)					 (203,281)
Net student revenue		599,586					599,586
Patient care activities		109,364					109,364
State appropriations		8,179					8,179
Government grants, contracts		91,520	\$	484			92,004
Private grants and contracts		17,626					17,626
Private gifts		5,495		22,588			28,083
Endowment payout under spending formula		11,602		14,306	\$	155	26,063
Investment income		3,466		1,451			4,917
Sales and services of auxiliary enterprises		86,134					86,134
Other sources		14,518					14,518
Net assets released from restrictions	_	61,735		(61,936)		201	 -
Total operating revenue		1,009,225	-	(23,107)	_	356	 986,474
Operating expense							-
College programs		349,053					349,053
Research and public service		108,145					108,145
Academic support		28,954					28,954
Student services		46,780					46,780
Institutional support		130,060					130,060
Scholarships and fellowships		13,489					13,489
Auxiliary enterprises		45,015					 45,015
Total education and general		721,496		-		-	721,496
Patient care activities		129,299					129,299
Operation and maintenance		52,940					52,940
Interest		17,957					17,957
Depreciation and amortization	_	43,326			_		 43,326
Total operating expense		965,018		-	_	-	 965,018
Change in net assets from operating activities		44,207		(23,107)		356	 21,456
Nonoperating activity							
Endowment and other gifts		763		994		14,172	15,929
Realized/unrealized net gain on investments,							
net of endowment payout		26,936		34,856		5,883	67,675
Other nonoperating expense		(4,536)		(7,000)			 (11,536)
Change in net assets from nonoperating activities		23,163	_	28,850		20,055	 72,068
Change in net assets		67,370		5,743		20,411	93,524
Net assets							
Beginning of year		508,375		255,460		290,031	 1,053,866
End of year	\$	575,745	\$	261,203	\$	310,442	\$ 1,147,390

Drexel University and Subsidiaries Consolidated Statement of Activities Year Ended June 30, 2013

(in thousands)	Unrestricted		Temporarily Restricted			ermanently estricted		Total
Operating revenue	¢	757 005	¢		¢		۴	757 005
Tuition and fees Less: Institutional financial aid	\$	757,635 (186,556)	\$	-	\$	-	\$	757,635 (186,556)
Net student revenue		571,079						571,079
Patient care activities		101,991						101,991
State appropriations		8,210						8,210
Government grants, contracts		95,116						95,116
Private grants and contracts		14,519		1,585				16,104
Private gifts		7,156		32,624				39,780
Endowment payout under spending formula		11,680		14,514		143		26,337
Investment income		4,595		1,032				5,627
Sales and services of auxiliary enterprises		83,237						83,237
Other sources		17,786		(17,786
Net assets released from restrictions		49,516		(49,692)		176		-
Total operating revenue		964,885		63		319		965,267
Operating expense								-
College programs		322,391						322,391
Research and public service		103,746						103,746
Academic support		27,385						27,385
Student services		44,865						44,865
Institutional support		116,007						116,007
Scholarships and fellowships		15,556						15,556
Auxiliary enterprises		44,826			-			44,826
Total education and general		674,776		-		-		674,776
Patient care activities		116,473						116,473
Operation and maintenance		48,063						48,063
Interest		19,221						19,221
Depreciation and amortization		37,885						37,885
Total operating expense Change in net assets from operating activities		896,418 68,467		63		319		896,418 68,849
Nonoperating activity		00,407		05		515		00,049
Endowment and other gifts						9,232		9,232
Realized/unrealized net gain on investments,						3,232		3,232
net of endowment payout		6,374		14,519		3,988		24,881
Other nonoperating expense		4,571		1 1,0 10		0,000		4,571
Change in net assets from nonoperating activities		10,945		14,519		13,220		38,684
Change in net assets		79,412		14,582		13,539		107,533
Net assets								
Beginning of year		428,963		240,878		276,492		946,333
End of year	\$	508,375	\$	255,460	\$	290,031	\$	1,053,866

Drexel University and Subsidiaries Consolidated Statements of Cash Flows Years Ended June 30, 2014 and 2013

(in thousands)	2014			2013		
Cash flow from operating activities						
Increase in net assets	\$	93,524	\$	107,533		
Adjustments to reconcile change in net assets to						
net cash provided by operating activities						
Depreciation and amortization		43,326		37,885		
Provision for uncollectible accounts		5,706		4,525		
Loss (gain) on disposal of equipment		1,563		(184)		
Increase in beneficial interests in trusts		(2,833)		(9,716)		
Contributions for long-term investment		(14,172)		(9,232)		
Noncash contributions received		(2,791)		(14,676)		
Proceeds from sales of donated securities		1,351		12,552		
Actuarial change on annuity liabilities		653		1,689		
Realized/unrealized gain on investments		(73,991)		(44,712)		
Changes in operating assets and liabilities						
Accounts receivable		(2,244)		(13,904)		
Contributions receivable		10,348		18,487		
Other assets		(950)		(2,272)		
Accounts payable and accrued expenses		5,954		(1,625)		
Postretirement and pension benefits		5,004		(1,183)		
Deposits		3,934		10,583		
Deferred revenue		26,753		(949)		
Net cash provided by operating activities		101,135		94,801		
Cash flow from investing activities						
Purchase of investments		(123,609)		(112,882)		
Proceeds from sale of investments		137,944		121,658		
Proceeds from student loan collections		5,186		5,019		
Student loans issued		(3,634)		(8,569)		
Purchase of land, buildings and equipment		(133,651)		(138,206)		
Use of deposits with bond trustees		28,521		56,672		
Net cash used in investing activities		(89,243)	_	(76,308)		
Cash flow from financing activities						
Contributions restricted for endowments		14,172		9,232		
Proceeds from sales of donated securities		958		929		
Payments on annuity obligations		(263)		(407)		
Government advances for student loans		791		280		
Proceeds from short-term borrowings		-		1,078		
Proceeds from long-term borrowings		-		33,096		
Repayment of long-term debt		(1,045)		(45,789)		
Net cash provide by (used in) financing activities		14,613		(1,581)		
Net increase in cash and cash equivalents		26,505		16,912		
Cash and cash equivalents						
Beginning of year		87,504		70,592		
End of year	\$	114,009	\$	87,504		
Supplemental information						
Gifts in kind	\$	175	\$	1,669		
Cash paid for interest		17,164		19,298		
Amounts accrued for purchase of land, buildings and equipment		8,024		16,408		
Donated securities		2,616		13,165		

1. Summary of Significant Accounting Policies

Basis of Financial Statements

Drexel University (the "University") is a private research university located in Philadelphia, Pennsylvania. The University is an exempt organization under Section 501 (c) (3) of the Internal Revenue Code. 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 for not-for-profit organizations. 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 deferred charges, 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 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.

Philadelphia Health & Education Corporation

The University owns 100% of the Philadelphia Health & Education Corporation ("PHEC"), doing business as Drexel University College of Medicine and providing teaching and administrative services for the education of the University's medical students and students in the health professions. PHEC is party to an Academic Affiliation Agreement with Tenet Healthcare Corporation ("Tenet") intended to establish a relationship to foster continued coordination and integration between PHEC and the Tenet hospitals whereby PHEC agrees to provide administrative, supervisory and teaching services to Tenet at budgeted levels. This agreement, dated November 10, 1998 and subsequently amended on April 25, 2002, is effective until June 30, 2022 and may be renewed thereafter for separate and successive five-year terms (Note 15).

On February 7, 2013 the PHEC Board of Trustees adopted a resolution to merge PHEC into Drexel. The Drexel Board of Trustees adopted the resolution to merge on February 20, 2013.

On April 11, 2014, the Philadelphia County Court of Common Pleas, Orphans' Court Division approved the merger of PHEC into Drexel, including the transfer of all of the assets of PHEC to Drexel with a target effective date of July 1, 2014.

In accordance with the resolutions, PHEC will merge with and onto Drexel, and the separate existence of PHEC will cease, effective July 1, 2014

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 an 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 systematics research and research in aquatic ecosystem, including integrating such research with education regarding biodiversity and the environmental science in collaboration with the University and its students. The balances and activities of ANS are included in the accompanying consolidated financial statements.

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. The balances and activities of API are included in the accompanying consolidated financial statements.

Drexel e-Learning, Inc.

The University owns 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. The balances and activities of DeL are included in the accompanying consolidated financial statements.

Schuylkill Crossing Reciprocal Risk Retention Group

The Schuylkill Crossing Reciprocal Risk Retention Group (the "RRRG") operates to provide primary coverage for claims-made medical professional liability insurance for health care professionals employed by PHEC. Ownership of the RRRG was split 87% and 13% between PHEC and the University, respectively, through November 9, 2010. Effective November 10, 2010, the ownership allocation was adjusted to 85% for PHEC and 15% for the University (Note 13).

At June 30, 2014 and 2013, total assets of the RRRG totaled \$25,591,000 and \$36,771,000, respectively, and ownership equity totaled \$2,173,000 and \$12,393,000, respectively. The balances and activities of the RRRG are included in the accompanying consolidated financial statements.

As a result of the merger of PHEC and Drexel, effective as of July 1, 2014, the Schuylkill Crossing Reciprocal Risk Retention Group will terminate its license to provide insurance. All prior risks will be novated, substituted, and assumed by Drexel University Medical Professional Self-Insurance Trust for the primary layer and by a newly-formed captive, Dragon Risk Limited, Co. for the excess layers.

11th Street Family Health Services Inc.

11th Street Family Health Services Inc. (the "Corporation"), a Pennsylvania non-profit corporation, was formed on December 12, 2013. The Corporation 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. On December 23, 2013 the Corporation received a donation of certain real estate property known as 850 North 11th Street, Philadelphia Pennsylvania (the "Property") from Drexel University. 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

3509 Spring Garden, Limited Partnership (the "Partnership") a Pennsylvania limited partnership, was formed on February 25, 2013 to acquire, own, rehabilitate and 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 qualified active low-income community business.

3509 Spring Garden, General Partner Inc.

3509 Spring Garden General Partner Inc., (the "Corporation") a Pennsylvania corporation is the sole general partner in 3509 Spring Garden, Limited Partnership. Drexel University owns 10% of the outstanding stock of the Corporation, the remaining 90% is owned by the Corporation. The officers of the Corporation 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 constitute a "Qualified Active Low Income Community Business" (the "QALICB"). The QALICB was established as a limited partnership, with the Corporation acting as the general partner and holding a 90% interest.

3509 Spring Garden Master Tenant, Limited Partnership

3509 Spring Garden Master Tenant, Limited Partnership (the "Partnership") a Pennsylvania limited partnership, was formed on August 21, 2013 to lease, manage and operate property owned by 3509 Spring Garden Limited Partnership, a qualified active low-income community business (QALICB) as defined by Section 45D of the Internal Revenue code of 1986, as amended, and Section 1.45D-1(d) (4) of the Regulations. The Partnership has made an equity investment in the QALICB and is also a partner with a 10% interest. The Partnership consists of a general partner with 00.01% interest and a limited partner with a 99.99% interest. The Partnership and the QALICB have executed a HTC (Historic Tax Credit) Pass Through Agreement pursuant to which the QALICB will elect under Section 50 of the Internal Revenue Code to pass through to the Partnership the Federal Tax Credits to which the QALICB is entitled as a result of the historic buildings rehabilitation project.

3509 Spring Garden Master Tenant Manager Inc.

3509 Spring Garden Master Tenant Manager Inc., (the "Corporation") a Pennsylvania corporation, is the sole general partner in 3509 Spring Garden Master Tenant, Limited Partnership. Drexel University owns 10% of the outstanding stock of the Corporation, the remaining 90% is owned by the Corporation. The officers of the Corporation 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 Spring Garden property to meet the Qualified Active Low Income Community Business (the "QALICB") requirements. An additional for-profit subsidiary of the University, 3509 Spring Garden Master Tenant Limited Partnership was established to act as the non-member manager of the property. The Master Tenant entity was established as a limited partnership, with the Corporation acting as the general partner and holding a 00.01% % interest.

Cash and Cash Equivalents

Cash and cash equivalents represent demand deposits and other investments with an initial maturity date not exceeding 90 days. Included in cash and cash equivalent are amounts which are restricted in use by agency agreements, such as Federal government loan programs.

Contributions Receivable

Contributions and unconditional pledges are recorded at the present value of their expected future cash flows.

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 valued by the underlying securities held by the trusts and are primarily composed of equity and fixed income securities that have readily determinable values and would, if not for being held by third parties, be classified as Level 1. 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.

Fair Value of Financial Instruments

The University applies fair value measurements to contributions receivable in the year of receipt, beneficial interests in trusts, endowment investments, self-insurance escrow funds, real estate outside of the endowment, deposits with bond 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. See Notes 4, 6, and 10 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.

Non-operating Activities

Non-operating activities include permanently restricted contributions, realized and unrealized (loss) gain on investments net of payouts under the endowment spending policies, loss on the disposal of equipment, postretirement benefit adjustment, severances, settlement of claims related to AHERF, and costs related to the upcoming merger of PHEC into Drexel.

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 nonprofit 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. However, DeL, a for-profit subsidiary of the University does record a provision for income taxes which is immaterial to the University's consolidated financial statements. The University files U.S. Federal, state and local information returns and no returns are currently under examination. 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 do from time to time incur incidental activities that are subject to unrelated business income for which appropriate income tax returns are filed. This primarily includes income from investments held in the endowment fund for which the investment manager has reported unrelated business income on a Schedule K-1 along with income from certain consulting and conference services.

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 its financial statements include any uncertain tax positions.

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 a loss of \$71,000 in 2014 and a gain of \$2,391,000 in 2013. The fair value of the interest rate swap agreement was \$(4,321,000) and (\$4,250,000), respectively, at June 30, 2014 and 2013.

The University has also entered into a variable-to-fixed swap agreement with TD Bank, N.A., which converted the TD Bank loan to a fixed rate of 3.83% through the January 2014 termination date. The agreement resulted in a gain of \$28,000 in 2014 and \$145,000 in 2013. The fair value of the interest rate swap agreement was \$0 and (\$28,000) at June 30, 2014 and 2013.

The swap agreements are used by the University to reduce exposure to the volatility in variable interest rates on long-term debt (Note 10). There were no other swap agreements in effect as of June 30, 2014 or 2013. The estimated fair value of terminating the swap agreements is reported as 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 of the consolidated statements of activities.

2. Net Assets

Net assets included the following:

(in thousands)	2014	2013			
Unrestricted					
Undesignated	\$ (253,288)	\$	(250,848)		
Designated for colleges, departments					
and student loans	104,213		96,908		
Physical plant	477,471		447,563		
Quasi-endowment funds	248,955		221,206		
Reclassification for endowments with deficiencies	 (1,606)		(6,454)		
Total unrestricted	 575,745		508,375		
Temporarily restricted Funds for instruction, scholarships and capital expenditures					
Unexpended	142,496		159,858		
Endowment realized and unrealized gain	113,767		81,892		
Reclassification for endowments with deficiencies	1,606		6,454		
Life income and term endowment funds	 3,334		7,256		
Total temporarily restricted	 261,203		255,460		
Permanently restricted					
Endowment principal	264,115		253,403		
Beneficial interests in trusts	39,023		29,546		
Student loans and others	7,304		7,082		
Total permanently restricted	 310,442		290,031		
Total net assets	\$ 1,147,390	\$	1,053,866		

3. Receivables

Accounts receivable are reported at their net realizable value. Accounts are written off against 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)	2014			2013
Tuition Grants, contracts and other Patients, net of contractual allowances Tenet Healthcare Corporation	\$	68,816 62,709 14,342 1,768	\$	66,804 61,574 13,811 3,202
		147,635		145,391
Less: Allowance for doubtful accounts		(26,186)		(19,196)
Accounts receivable, net	\$	121,449	\$	126,195

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 \$28,185,000 and \$27,394,000 at June 30, 2014 and 2013, 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, 2014 and 2013, student loans consisted of the following:

(in thousands)		2014	2013		
Student loans					
Federal government loan programs	•	00.004	•	04.404	
Perkins loan program	\$	23,864	\$	24,494	
Health professions student loans and loans for disadvantaged students		4,540		4,961	
Nursing student loans		4,340		4,901	
C C					
Federal government loan programs		28,440		29,492	
Institutional loan programs		8,939	_	9,438	
		37,379		38,930	
Less allowance for doubtful accounts					
Balances at beginning of year		(3,074)		(3,035)	
Change in provision for doubtful accounts		801		(39)	
Balances at end of year		(2,273)		(3,074)	
Student loans receivable, net	\$	35,106	\$	35,856	

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.

4. 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 which averaged 1.5% and 1.2% at June 30, 2014 and 2013, respectively. The University considers these discount rates to be a Level 3 input in the context of ASC 820-10 (Note 6).

Net contributions receivable at June 30 were as follows:

(in thousands)	2014			2013		
Amounts due in						
Less than one year	\$	16,197	\$	16,316		
One to five years		28,070		37,414		
Greater than five years		42,468		43,322		
Gross contributions receivable		86,735		97,052		
Less						
Allowance for uncollectibles		(777)		(1,259)		
Discounts to present value		(13,624)		(13,593)		
Total contributions receivable, net	\$	72,334	\$	82,200		

Outstanding conditional promises to give amounted to \$37,055,000 and \$36,869,000 and at June 30, 2014 and 2013, 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)	2014	2013		
Net contributions receivable at beginning of year	\$ 82,200	\$	101,036	
New pledges Collections and adjustments (Increase) decrease in allowance for uncollectibles (Increase) decrease in present value discounts	 21,211 (31,517) 471 (31)		18,173 (35,375) (448) (1,186)	
Net contributions receivable at end of year	\$ 72,334	\$	82,200	

5. Investments and Investment Return

At June 30, 2014 and 2013, the fair value of investments included the following:

	Fair value				
(in thousands)	2014			2013	
Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets Directly-held real estate	\$	299,383 62,629 88,002 59,490 119,345	\$	244,603 65,110 77,535 67,764 110,445	
Money market funds		6,741		10,790	
Total endowment investments		635,590		576,247	
Self-insurance escrow funds (Note 13) Balanced index fund (Notes 13)		12,638 28,441		10,858 29,601	
Total investments	\$	676,669	\$	616,706	

The following summarizes the University's total investment return and its classification in the financial statements for the years ended June 30, 2014 and 2013:

	2014											
(in thousands)	Unrestricted		Unrestricted		Unrestricted			mporarily estricted		manently estricted		Total
Dividends and interest Net realized and unrealized gain Return on investments	\$	5,733 26,937 32,670	\$	1,161 53,869 55,030	\$	- 6,038 6,038	\$	6,894 86,844 93,738				
Interest income Total return on investments		3,700 36,370		1,451 56,481		6,038		5,151 98,889				
Investment return designated for current operations		(9,434)		(21,625)		(155)		(31,214)				
Investment return net of amounts designated for current operations	\$	26,936	\$	34,856	\$	5,883	\$	67,675				

	2013							
		Temporarily		Permanently				
(in thousands)	Un	restricted	R	estricted	Re	stricted		Total
Dividends and interest	\$	5,959	\$	551	\$	-	\$	6,510
Net realized and unrealized gain		6,374		34,204		4,130		44,708
Return on investments		12,333		34,755		4,130		51,218
Interest income		4,595		1,032				5,627
Total return on investments		16,928		35,787		4,130		56,845
Investment return designated								
for current operations		(10,554)		(21,268)		(142)		(31,964)
Investment return net of amounts designated for current operations	\$	6,374	\$	14,519	\$	3,988	\$	24,881

6. 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 portfolio investments.

As a practical expedient, the University estimates the fair value of an investment in an investment company 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.

The University assesses the valuation hierarchy for each asset or liability measured on an annual basis. From time to time, assets or liabilities will be transferred within hierarchy levels as a result of changes in valuation methodologies. During 2014, the University determined that trusts included in level 1 should be reclassified to level 3. The University's policy is to recognize such transfers at the end of the reporting period therefore these hierarchy level changes were recognized on June 30, 2014.

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

2014								
(in thousands)		Level 1		Level 2	-	Level 3		Total
Assets								
Deposits with bond trustees Beneficial interests in trusts	\$	1,983	\$	-	\$	- 56,438	\$	1,983 56,438
Investments								
Equity securities		268,461		30,922				299,383
Fixed income securities and bond funds Alternative investments		11,603		51,026		88,002		62,629 88,002
Real estate and real assets funds		1,014		16,269		42,207		59,490
Directly-held real estate		,		,		119,345		119,34
Money market funds		6,741			_			6,74′
Investments held in endowment		287,819		98,217		249,554		635,59
Self-insurance escrow funds (Note 13)		12,638						12,638
Balanced index fund (Note 13)		28,441					·	28,44
Total investments		328,898		98,217		249,554	·	676,669
Total assets at fair value	\$	330,881	\$	98,217	\$	305,992	\$	735,090
Liabilities								
nterest rate swaps (Note 1)	\$	-	\$	4,321	\$	-	\$	4,32
Annuities						6,430		6,430
Total liabilities at fair value	\$	-	\$	4,321	\$	6,430	\$	10,75 ⁻
					013			
(in thousands)		Level 1		Level 2		Level 3		Total
						Level 5		Total
Assets						Level J		Total
Deposits with bond trustees	\$	30,504	\$		\$	-	\$	30,504
Deposits with bond trustees	\$		\$		\$	53,605	\$	30,504
Deposits with bond trustees Beneficial interests in trusts nvestments	\$	30,504 -	\$	-	\$	-	\$	30,504 53,60
Deposits with bond trustees Beneficial interests in trusts nvestments Equity securities	\$	30,504 - 216,566	\$	- - 28,037	\$	-	\$	30,504 53,609 244,603
Deposits with bond trustees Beneficial interests in trusts I nvestments Equity securities Fixed income securities and bond funds	\$	30,504 -	\$	-	\$	- 53,605	\$	30,504 53,609 244,603 65,110
Deposits with bond trustees Beneficial interests in trusts nvestments Equity securities Fixed income securities and bond funds Alternative investments	\$	30,504 - 216,566	\$	- - 28,037	\$	-	\$	30,504 53,609 244,600 65,110 77,538
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate	\$	30,504 216,566 16,687 - 910	\$	- 28,037 48,423 -	\$	53,605 - - 77,535	\$	30,504 53,609 244,603 65,110 77,539 67,764
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds	\$	30,504 - 216,566 16,687 - 910 - 10,790	\$	28,037 48,423 - 21,928 - -	\$	- 53,605 - - - - - - - - - - - - - - - - - - -	\$	30,504 53,609 244,600 65,110 77,539 67,764 110,449 10,790
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate	\$	30,504 216,566 16,687 - 910	\$	- 28,037 48,423 -	\$	53,605 - - 77,535 44,926	\$	30,504 53,609 244,600 65,110 77,539 67,764 110,449 10,790
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13)	\$	30,504 216,566 16,687 910 - 10,790 244,953 10,858	\$	28,037 48,423 - 21,928 - -	\$	- 53,605 - - - - - - - - - - - - - - - - - - -	\$	30,504 53,605 244,603 65,110 77,535 67,764 110,445 10,790 576,247 10,858
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13) Balanced index fund (Note 13)	\$	30,504 - 216,566 16,687 - 910 - 10,790 244,953 10,858 29,601	\$	- - - 28,037 48,423 - 21,928 - - - - - - - - - - - -	\$	- 53,605 - 77,535 44,926 110,445 - 232,906 - -	\$	30,504 53,605 244,603 65,110 77,538 67,764 110,445 10,790 576,247 10,858 29,607
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13) Balanced index fund (Note 13) Total investments		30,504 216,566 16,687 910 10,790 244,953 10,858 29,601 285,412		- 28,037 48,423 - 21,928 - - 98,388 - - - 98,388		- 53,605 - 77,535 44,926 110,445 - 232,906 - - 232,906	·	30,504 53,609 244,600 65,110 77,538 67,764 110,448 10,790 576,24 10,858 29,600 616,700
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13) Balanced index fund (Note 13)	\$	30,504 - 216,566 16,687 - 910 - 10,790 244,953 10,858 29,601	\$	- - - 28,037 48,423 - 21,928 - - - - - - - - - - - -	\$	- 53,605 - 77,535 44,926 110,445 - 232,906 - -	\$ 	30,504 53,605 244,603 65,110 77,535 67,764 110,445 10,790 576,247 10,858 29,607 616,700
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13) Balanced index fund (Note 13) Total investments Total assets at fair value		30,504 216,566 16,687 910 10,790 244,953 10,858 29,601 285,412		- 28,037 48,423 - 21,928 - - 98,388 - - - 98,388		- 53,605 - 77,535 44,926 110,445 - 232,906 - - 232,906	·	30,504 53,605 244,603 65,110 77,535 67,764 110,445 10,790 576,247 10,858 29,607 616,700
Deposits with bond trustees Beneficial interests in trusts Investments Equity securities Fixed income securities and bond funds Alternative investments Real estate and real assets funds Directly-held real estate Money market funds Investments held in endowment Self-insurance escrow funds (Note 13) Balanced index fund (Note 13) Total investments Total assets at fair value		30,504 216,566 16,687 910 10,790 244,953 10,858 29,601 285,412		- 28,037 48,423 - 21,928 - - 98,388 - - - 98,388		- 53,605 - 77,535 44,926 110,445 - 232,906 - - 232,906	·	30,504 53,605 244,603 65,110 77,538 67,764 110,445 10,790 576,247 10,858 29,601 616,700 700,815
Self-insurance escrow funds (Note 13) Balanced index fund (Note 13) Total investments	\$	30,504 216,566 16,687 910 10,790 244,953 10,858 29,601 285,412	\$	- - - 28,037 48,423 - 21,928 - - - 98,388 - - - 98,388 98,388	\$	- 53,605 - 77,535 44,926 110,445 - 232,906 - - 232,906	\$	30,504 53,605 244,603 65,110 77,535 67,764 110,445 10,790 576,247 10,858 29,601 616,700 700,815 4,279 6,040

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) was as follows:

	2014										
(in thousands)		Fair Value		nfunded nmitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period (If Applicable)					
Multi-Strategy Hedge Funds (a)	\$	16,875			Annual/Quarterly	45–60/65 days					
Distressed Debt Hedge Funds (b)		12,709			Annual/Quarterly	90 days					
Fixed Income and Related Hedge Funds (c)		15,563			Monthly/Quarterly	45/65 days					
Private Capital Funds-Secondaries (d)		11,427	\$	8,307							
Private Capital Funds-Venture Capital (e)		4,211		2,785							
Private Capital Funds - Distrissed Assets (f)		1,194		2,832							
Private Capital Funds-Buy-out (g)		2,565		621							
Real Asset Funds (h)		16,401		11,883							
Real Estate Funds (i)		12,178		2,012							
Long/Short Equity Hedge Funds (j)		12,034			Annual/Quarterly	95/45 days					
Private Capital Funds-Hedge Fund Seeder (k)		5,898		1,919							
Private Capital Funds-Mezzanine Debt (I)		5,525		4,367							
	\$	116,581	\$	34,726							

	2013										
(in thousands)		Fair Value		Jnfunded mmitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period (If Applicable)					
Multi-Strategy Hedge Funds (a)	\$	15,495	\$	-	Annual/Quarterly	45–60/65 days					
Distressed Debt Hedge Funds (b)		12,495		-	Annual/Quarterly	90 days					
Fixed Income and Related Hedge Funds (c)		13,579		-	Monthly/Quarterly	10–60/65 days					
Private Capital Funds-Secondaries (d)		10,553		11,290							
Private Capital Funds-Venture Capital (e)		2,852		625							
Private Capital Funds-Buy-out (g)		3,927		743							
Real Asset Funds (h)		16,176		12,455							
Real Estate Funds (i)		28,750		3,630							
Long/Short Equity Hedge Funds (j)		10,854		-	Annual/Quarterly	60/45 days					
Private Capital Funds-Hedge Fund Seeder (k) Private Capital Funds-Mezzanine Debt (I)		4,267 3,513		3,386 6,402							
	\$	122,461	\$	38,531							

- a. This category invests in hedge funds that pursue multiple strategies to diversify risks and reduce volatility. As of June 30, 2014 and 2013, respectively, the composite portfolio includes approximately 54% and 48% in distressed investments with a liquidation period of 1 to 3 years, 24% and 23% arbitrage opportunities, 5% and 17% in cash, 8% and 9% long/short equity and 8% and 3% 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. It is estimated that the underlying assets of the fund would be liquidated over 1 to 9 years at June 30, 2014 (2 to 12 years at June 30, 2013). 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. It is estimated that the underlying assets of the fund would be liquidated over 1 to 2 years (1 to 3 years at June 30, 2013). 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. It is estimated that the underlying assets of the fund would be liquidated over 6 to 9 years at June 30, 2014 (new investment in 2014). 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 primarily in U.S. technology and healthcare companies with one investment dedicated to Asian companies. 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, 2014, it is estimated that the underlying assets of the fund would be liquidated over 1 to 2 years. As of June 30, 2013, it is estimated that the underlying assets would be liquidated over 1 to 2 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. It is estimated that the underlying assets of the fund would be liquidated over 4 to 8 years at June 30, 2014 (4 to 11 years at June 30, 2013). 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, 2014 and 2013, respectively, it is estimated that the fund's underlying assets would be liquidated over the following time frames: 48% and 31% in 1 to 4 years, 52% in 5 to 7 years, and 0% to 17% 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, 2014 and 2013, respectively, the fund's underlying investments were 52% and 53% long/short global equity, 8% and 10% in macro and commodity trading, 20% and 13% in diversified credit, 9% and 12% in arbitrage opportunities, and 11% and 12% 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 2 to 7 years at June 30, 2014 and 2013. The fair value has been estimated using the reported net asset value per share of the private capital fund.

I. 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 2 to 8 years at June 30, 2014 (3 to 8 years at June 30, 2013). The fair value has been estimated using the reported net asset value per share of the private capital fund.

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

(in thousands)	2014	2013
Assets at beginning of year	\$ 286,511	\$ 108,051
Net unrealized gain Net realized gain (loss) Purchases Sales Real estate and real assets funds transferred from level 2 Funds transferred from Level 1 Funds transferred from Level 2	 7,221 3,005 24,281 (18,418) - 3,392 -	 5,406 (2,600) 21,589 (9,985) 110,445 - 53,605
Assets at end of year	\$ 305,992	\$ 286,511
(in thousands)	2014	2013
Annuities at beginning of year	\$ 6,040	\$ 4,342
Actuarial change on annuity liabilities Payments on annuity liabilities ANS annuity liabilities transferred	 653 (263) -	 1,689 (407) 416
Annuities at end of year	\$ 6,430	\$ 6,040

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 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 (decreases) in any of those inputs in isolation would result in a significantly lower (higher) fair value measurement, respectively.

The following table shows quantitative information about unobservable inputs related to the Level 3 fair value measurements as of June 30, 2014:

Fair Value			Unobservable	Ranges			
(in thousands)	Jur	ne 30, 2014	Valuation Techniques	Inputs	Low	High	
Investment in Real Estate and Real Estate Funds	\$	42,172	Income Capitalization Approach - Discounted Cash Flow	Discount Rate Terminal Cap Rate	0.00% 0.00%	0.00% 0.00%	
Directly-held Real Estate	\$	119,345	Income Capitalization Approach - Discounted Cash Flow	Discount Rate Terminal Cap Rate	0.00% 0.00%	0.00% 0.00%	
			Income Capitalization Approach - Direct Capitalization	Overall Cap Rate Gross Rent Multiplier	0.00% 0.00	0.00% 0.00	

7. 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, 2014 and 2013, the University and PHEC 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. The ANS spending rule was 6.5% of a seven year rolling average for the years ended June 30, 2014 and 2013.

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.

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 net asset composition by type of fund as of June 30 was as follows:

	2014									
(in thousands)	Unrestricted			mporarily estricted		rmanently estricted		Total		
Donor-restricted endowment funds Board-designated endowment funds	\$	23,584 208,190	\$	143,460	\$	263,405	\$	430,449 208,190		
Total net assets	\$	231,774	\$	143,460	\$	263,405	\$	638,639		

(in thousands)	Un	restricted	mporarily estricted	rmanently estricted	Total		
Donor-restricted endowment funds Board-designated endowment funds	\$	19,590 194,181	\$ 111,495	\$ 245,290	\$	376,375 194,181	
Total net assets	\$	213,771	\$ 111,495	\$ 245,290	\$	570,556	

Changes in the University's endowment net assets for the years ended June 30, 2014 and 2013 were as follows:

				20	014			
(in thousands)		Unrestricted		Temporarily Restricted		Permanently Restricted		Total
Endowment net assets at beginning of year	\$	213,771	\$	111,495	\$	245,290	\$	570,556
Investment return								
Investment income, net of fees		2,815		5,103		190		8,108
Net realized gain		3,540		6,821		731		11,092
Net unrealized gain		10,784		50,957		6,134		67,875
Reclassification for funds with deficiencies		4,847		(4,847)	_	-		-
Total endowment return		21,986		58,034		7,055		87,075
Contributions		797		(10,245)		13,701		4,253
Use of endowment assets								
Annual transfer for operations		(9,649)		(13,739)		(2,645)		(26,033)
Other transfers		4,869		(2,085)		4		2,788
Total uses		(4,780)		(15,824)		(2,641)		(23,245)
Endowment net assets at end of year	\$	231,774	\$	143,460	\$	263,405	\$	638,639

	2013								
(in thousands)		Unrestricted		Temporarily Restricted		Permanently Restricted		Total	
Endowment net assets at beginning of year	\$	205,078	\$	86,989	\$	242,383	\$	534,450	
Investment return									
Investment income, net of fees		2,981		3,906		772		7,659	
Net realized gain		3,909		5,752		-		9,661	
Net unrealized gain		8,409		17,790		3,587		29,786	
Reclassification for funds with deficiencies		2,110		(2,110)				-	
Total endowment return		17,409		25,338		4,359		47,106	
Contributions				12,176		3,029		15,205	
Use of endowment assets									
Annual transfer for operations		(9,348)		(14,268)		(2,534)		(26,150)	
Other transfers		632		1,260		(1,947)		(55)	
Total uses		(8,716)		(13,008)		(4,481)		(26,205)	
Endowment net assets at end of year	\$	213,771	\$	111,495	\$	245,290	\$	570,556	

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 \$1,606,000 and \$6,454,000 as of June 30, 2014 and 2013, respectively.

8. 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 is computed on a straight-line basis over the lesser of the estimated useful lives of the assets (or term of the lease) or depreciated over the following useful lives: for equipment, between 3 and 30 years; software, between 3 and 7 years; land and building improvements, between 5 and 25 years; and buildings, between 30 and 60 years.

The University determined that there were legal obligations to retire certain facilities and equipment. The total asset retirement cost and obligation was \$3,149,000 and \$5,593,000 at June 30, 2014 and \$809,000 and \$3,110,000 at June 30, 2013, respectively, and is included in buildings and improvements and accrued expenses, respectively, on the consolidated statements of financial position. In 2014 and 2013, depreciation and accretion expense amounted to \$61,000 and \$62,000, respectively, and \$134,000 and \$121,000, respectively.

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

(in thousands)	2014	2013
Works of art Land and improvements Buildings and improvements Equipment, software and library books Construction in progress	\$ 10,867 119,126 895,438 206,041 48,662	\$ 10,670 80,486 775,593 182,834 105,464
Less: Accumulated depreciation	1,280,134 (395,327)	 1,155,047 (351,314)
Total land, buildings and equipment	\$ 884,807	\$ 803,733

9. 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)	
2015	\$ 17,000
2016	16,181
2017	15,195
2018	14,424
2019	13,761
Thereafter	 43,900
Total minimum lease payments	\$ 120,461

Total rent expense for operating leases amounted to \$22,705,000 and \$21,854,000 for the years ended June 30, 2014 and 2013, 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, 2014 and 2013.

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 no expenditures for improvements in fiscal years 2014 or 2013. Estimated costs for the required improvements amounted to \$2,867,000 and \$2,930,000 at June 30, 2014 and 2013, respectively. These costs have been capitalized and a comparable capital lease liability recorded.

10. Bonds and Notes Payable

(in thousands)	Project	Maturity	Interest Rate	2014	2013
Description					
Dormitory Bonds of 1965	Kelly Hall	2014-2015	3.00-3.50%	\$ 110	\$ 220
Dormitory Bonds of 1969	Calhoun Hall	2014-2019	3.00%	360	425
Philadelphia Industrial	Abbotts demolition/	2014-2015	3.00%	86	198
Development Corp.	parking lot				
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	42,140	42,140
Series A of 2005	Capital improvements				
	and equipment	2014-2034	3.20-5.00%	27,126	28,184
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%	95,521	95,661
Series B of 2007	Dormitory & Wellness				
	Center; capital				
	improvements and	0011 0007		07.005	07.075
Quites A = 6 0014	equipment	2014-2037	Variable	27,025	27,675
Series A of 2011	Partial cost of buildings				
	for the Colleges of Business and Media Arts & Design,				
	Department of Biology;				
	Stratton Hall renovations;				
	refunding	2014-2041	2.00-5.25%	155,564	157,514
Series of 2012	Refunding	2014-2032	1.00-5.00%	28,375	30,540
TD bank loan	3501 Market & 3401	2014-2032	1.00-5.00 /8	20,075	30,340
10 bank loan	Filbert Street buildings				
PHEC	i noort etreet bananige				
Pennsylvania Higher	Refund mortgage,				
Educational Facilities Authority	capital improvements				
Revenue Bonds Series of 2007	and equipment	2014-2037	3.75-5.00%	20,433	20,943
				-,	-,
Academic Properties, Inc.					
Philadelphia Industrial					
Development Corp.	One Drexel Plaza				
	Evening College renovations	2014	3.00%	-	11
11th Street Family Health Services Inc.					
The Reinvestment Fund, Inc.	New Market Tax Credit Program	2043	1.297%	2,717	-
3509 Spring Garden, LP					
Philadelphia Industrial					
Development Corp.	New Market Tax Credit Program	2044	1.517%	1,964	-
USBCDE LLC	New Market Tax Credit Program	2044	1.00%	1,045	-
Total bonds and notes payable				\$ 454,591	\$ 455,636

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 \$438,550,000 bonds was \$459,664,000 at June 30, 2014, based on a comparison to current interest rates. The bonds are considered to be a Level 2 liability.

The Dormitory bonds of 1965 and 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 2000, 2002, 2005, 2007 2011 and 2012 bonds are secured by a security interest in unrestricted gross revenues. The TD Bank loan is secured by a first property lien on the properties. The Philadelphia Industrial Development Corporation loans are secured by a mortgage lien on One Drexel Plaza.

Debt maturities for the fiscal years ending June 30 are as follows:

	Remarketed							
(in thousands)	Maturities			Debt	Total Debt			
2015	\$	8,749	\$	680	\$	9,429		
2016		10,438		710		11,148		
2017		11,438		745		12,183		
2018		11,913		780		12,693		
2019		8,568		4,790		13,358		
Thereafter		282,195		113,585	\$	395,780		
					\$	454,591		

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 to the fiscal years 2016, 2015 and 2014, respectively, based on the current expiration dates of the letters of credit (see Note 14). These issues have been included in the above table based on the stated maturity dates. The University is in compliance with the covenants contained in the various loan agreements.

Lines of Credit

PHEC entered into a term note - line of credit of \$3,500,000 for equipment purchases that accrues interest based on Libor plus 1.25%. Advances are available through June 30, 2014, 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, 2014 and 2013.

Total unsecured Revolving Credit Facilities ("Facilities") of \$55,000,000 matures on December 31, 2015, and accrues interest based on Libor (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, 2014, the interest rate was .75% and there were no amounts outstanding.

11. Retirement Plans

Defined Benefit and Defined Contribution Plans

The University and PHEC maintain contributory retirement plans which provide for the purchase of annuity contracts and mutual funds for the majority of full-time faculty and certain nonacademic employees. 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 \$32,976,000 and \$30,802,000 in 2014 and 2013, respectively.

The ANS defined contribution plan does not provide for a predefined employer contribution. The Board of Directors may declare an employer contribution at their discretion. The defined contribution plan is a calendar year plan, with declared employer contributions made at the conclusion of the plan year.

The assumptions for the pension liabilities, the Accumulated Benefit Obligation, change in Projected Benefit Obligation, and change in Plan Assets for the ANS defined benefit pension plan are noted as follows:

(in thousands)	2014			2013
Weighted average assumptions as of June 30 Discount rate Expected return on plan assets		4.40 % 6.50 %		5.00 % 6.75 %
Accumulated benefit obligation Accumulated benefit obligation at June 30	\$	16,193	\$	14,841
Change projected in benefit obligation Net benefit obligation at June 30 Service costs Interest costs Actuarial (gain)/loss Gross benefits paid Net benefit obligation at June 30	\$	14,841 125 725 1,191 (689) 16,193	\$ \$	15,468 92 665 (771) (613) 14,841
(in thousands)		2014		2013
Change in plan assets Fair value of plan assets at beginning of year Actual return on plan assets Employer contributions Gross benefits paid	\$	9,338 1,054 566 (689)	\$	8,645 760 546 (613)
Fair value of plan assets at June 30	\$	10,269	\$	9,338

* These amounts are recognized in the financial statements including the statement of financial position in the Other Liabilities classifications.

The components of net periodic benefit cost are noted below:

(in thousands)	2014	2013
Weighted average assumptions used to used to determine net periodic benefit cost Discount rate Expected return on plan assets	5.00 % 6.75 %	4.40 % 6.75 %
Components of net periodic benefit cost Service costs Interest costs Expected return on assets Amortization of actuarial (gain) loss	\$ 125 725 (629) 766	\$ 92 665 (587) (944)
Net periodic benefit cost	\$ 987	\$ (774)

As of June 30, 2014 and 2013, the pension plan had a projected benefit obligation and an accumulated benefit obligation in excess of plan assets. The projected benefit obligation, accumulated benefit obligation, and fair value of plan assets for the pension plan are as follows as of June 30:

	E	Projected Ber cceeds Fair Valu Plan	le	of
	_	2014		2013
Projected benefit obligation Fair value of plan assets	\$	16,193,353 10,268,861	\$	14,841,014 9,337,491

	cumulated Bo eds Fair Valu Plan /	le	of
	 2014		2013
Accumulated benefit obligation Fair value of plan assets	6,193,353 0,268,861	\$	14,841,014 9,337,491

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

Expected benefit payments

2015	\$ 711
2016	758
2017	830
2018	903
2019	949
2020-2024	5,167

Plan Assets

The ANS pension plan weighted-average asset allocations at June 30, 2014 and 2013 by asset category are as follows:

(in thousands)	2014	2013
Asset category		
Equity securities	34.0 %	30.6 %
Fixed income securities	36.0 %	37.5 %
Hedge fund and alternative investments	11.9 %	28.0 %
Cash	18.1 %	3.9 %
	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 long-term, 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 Academy's plan assets is characterized as a 35%, 12%, 37% allocation between equity, alternative investments and fixed income investments. 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 the Academy 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, 2014 and 2013:

				20	014		
(in thousands)	L	_evel 1	L	evel 2	L	evel 3	Total
Assets at fair value							
Cash equivalents	\$	1,862	\$	-	\$	-	\$ 1,862
Mutual funds		6,691					6,691
Alternative investments				495		1,221	 1,716
	\$	8,553	\$	495	\$	1,221	\$ 10,269
					013		
				20	013		
(in thousands)	L	_evel 1	L	evel 2	L	evel 3.	Total
Assets at fair value							
Cash equivalents	\$	356	\$	-	\$	-	\$ 356
Mutual funds		5,885		-		-	5,885
Alternative investments		-		-		3,097	 3,097
	¢	6,241	\$		¢	3,097	\$ 9,338

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, 2014 and 2013:

(in thousands)	2014	2013
Assets at beginning of year	\$ 3,097	\$ 3,034
Dividends and interest Net unrealized gain Transfers out		 38 196 (171)
Assets at end of year	\$ 3,097	\$ 3,097

12. Other Post-Retirement Benefits

In addition to retirement plan benefits, the University also provides postretirement benefits to retirees in the form of group life insurance, major medical insurance and tuition remission. University employees may become eligible for these benefits if they reach the age and service requirements of the plans while working for the University. The postretirement health care plan is contributory, and the life insurance plan is noncontributory.
Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2014 and 2013

The net periodic postretirement benefit costs and related funded status as of June 30 are shown below. Adjustments to the unfunded status amounted to \$1,015,000 and (\$3,910,000) respectively, for the years ended 2014 and 2013 and are reflected in the consolidated statements of activities and included in postretirement benefits in the consolidated statements of financial position.

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

Plans Funded Status				
(in thousands)	2014	2013		
Change in benefit obligation				
Benefit obligation, beginning of year	\$ 45,088	\$	45,017	
Service cost	2,155		2,266	
Interest cost	1,993		1,818	
Actuarial (gain)/loss	2,101		(2,265)	
Plan participant contributions	159		353	
Actual benefits paid	 (1,770)		(2,101)	
Benefit obligation, end of year	 49,726		45,088	
Change in plan assets				
Fair value of plan assets, beginning of year	-		-	
Employer contributions	1,611		1,748	
Plan participant contributions	159		353	
Actual benefits paid	 (1,770)		(2,101)	
Fair value of plan assets, end of year	 -		-	
Unfunded status of the plan	\$ 49,726	\$	45,088	

Weighted average assumptions to determine benefit obligations and not cost as of lune 30

obligations and net cost as of June 30		
Discount rate	4.65%	4.10%
Ultimate retiree health care cost trend	5.00%	5.00%
Year ultimate trend rate is achieved	2025	2025

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2014 and 2013

For measurement purposes, a 9.4% annual rate of increase in the per capita cost of covered health care benefits was assumed for 2014 grading down to ultimate rates of 5.0% in the year 2025 and thereafter.

Net Periodic Benefit Cost (in thousands)	2014		2013	
Components of net periodic benefit cost				
Service cost	\$	2,155	\$	2,266
Interest cost		1,993		1,818
Amortization of net (gain)/loss		1,086		1,645
Net periodic benefit cost	\$	5,234	\$	5,729
Other changes recognized in unrestricted net assets Net actuarial (gain)/loss Amortization of actuarial net (gain)/loss	\$	2,101 (1,086)	\$	(2,265) (1,645)
Total recognized in unrestricted net assets	\$	1,015	\$	(3,910)
Amounts not yet reflected in net periodic benefit cost and included in unrestricted net assets	\$	18,502	\$	17 / 07
Actuarial (gain)/loss	φ	,	Φ	17,487
Amounts in unrestricted net assets, end of year	\$	18,502	\$	17,487
Amounts in unrestricted net assets expected to be recognized in net periodic benefit cost in fiscal 2015				
Actuarial (gain)/loss	\$	1,236		

In 2014 and 2013, the effect of a 1% change in the health care cost trend rate is as follows:

	2014				:	2013		
	1% li	ncrease	1% Decrease		1% Increase		1% Decrease	
Effect on net periodic benefit cost	\$	0	\$	0	\$	4,659	\$	(4,091)
Effect on postretirement benefit obligation		0		0		20,361		(18,399)

Contributions:

Expected contributions for the 2015 fiscal year are \$2,187,000.

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:

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2014 and 2013

(in thousands)

Year Ending June 30,	
2015	\$ 2,187
2016	2,272
2017	2,359
2018	2,454
2019	2,562
Thereafter	14,420

13. Professional Liability Insurance

PHEC maintained commercial, occurrence-based insurance coverage for professional liability claims that occurred from November 10, 1998 through November 10, 2003. Beginning on November 10, 2003, PHEC purchased primary and excess insurance coverage from the RRRG on a claims-made basis. The RRRG provides primary coverage of \$500,000 for physicians and midwives and up to \$1,000,000 for other health professions and entity coverage. PHEC's 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, PHEC self-insures a layer of excess of up to \$2,000,000 above the Mcare Fund. The RRRG provides excess coverage above the self-insured layer of an additional \$5,000,000.

For self-insured retention amounts for both reported claims and claims incurred but not reported at June 30, 2014 and 2013, the University, PHEC and the RRRG recorded gross combined reserves of \$35,209,000 and \$31,623,000, respectively, and related recoveries from third party insurers of \$5,092,000 and \$5,300,000, respectively. For fiscal years 2014 and 2013, the reserves were discounted at 6.25% for the RRRG retained layer and 2% for the layers retained by University, PHEC and excess carriers. Such reserves and reinsurance recoveries are included in accrued expenses and grants, contracts and other receivables, respectively, in the accompanying 2014 consolidated statements of financial position. In 2014, the liability, net of the reinsurance recovery, is recorded in accrued expenses. At June 30, 2014 and 2013, escrow funds of \$15,133,000 and \$13,091,000, respectively, and balanced index funds of \$28,441,000 and \$29,601,000 at June 30, 2014 and 2013, respectively, are available to fund these liabilities (Note 5).

14. 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.

Management believes that PHEC 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 management, 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

PHEC maintains 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. The letter of credit is renewed annually. There were no amounts outstanding as of June 30, 2014 and 2013.

The University maintains four letters of credit totaling \$2,200,000 associated with workers' compensation insurance. The agreements are renewable annually. There were no amounts outstanding as of June 30, 2014 and 2013.

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, 2016.
- 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, 2016.
- 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, 2014.
- 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 3, 2015.

There were no amounts outstanding on these bond-related Letters of Credit as of June 30, 2014 and 2013.

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, 2015 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, 2014.

15. Related Party Transactions

PHEC has various operating agreements with Tenet. Under these agreements, PHEC acts both as a purchaser and provider of services. Total services purchased from Tenet for the years ended June 30, 2014 and 2013 were \$12,377,000 and \$12,269,000, respectively. These services include charges for various personnel, administrative and support services related to operating PHEC 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 \$23,283,000 and \$23,836,000 for the years ended June 30, 2014 and 2013, respectively, and are

mainly included in patient care activities revenue in the accompanying consolidated statements of activities.

16. 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:

(in thousands)	2014		
College programs	\$ 37,490	\$	34,312
Research and public service	20,547		20,007
Academic support	6,299		6,177
Student services	14,216		12,855
Institutional support	10,410		7,668
Auxiliary enterprises	22,386		21,238
Patient care activities	 2,875		2,912
	\$ 114,223	\$	105,169

17. Subsequent Events

The University evaluated events subsequent to June 30, 2014 through October 31, 2014 and determined that there were no additional events requiring adjustment to or disclosure in the consolidated financial statements.

Schedule of Expenditures of Federal Awards

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards For the Year Ended June 30, 2014

Grantor/Pass-Through Grantor Program Title	antor Program Title CFDA S		Total Expenditures
Research and Development Cluster: Department of Health and Human Services: National Institutes of Health National Institutes of Health (American Recovery and Reinvestment Act) DHHS Pass-Through Funds DHHS Pass-Through Funds (American Recovery and Reinvestment Act)	93.R&D 93.701 Schedule A Schedule A	\$ 10,269,441 - 1,021,184 - \$ 11,290,625	\$ 33,101,717 (1,646) 5,423,672 31,640 \$ 38,555,383
National Science Foundation: NSF - Direct Award NSF - Direct Award (American Recovery and Reinvestment Act) NSF - Pass Through Funds	47.R&D 47.082 Schedule B	\$ 993,752 378,847 - \$ 1,372,599	\$ 12,431,553 1,670,678 672,286 \$ 14,774,517
Other: Other - Direct Award Other - Pass Through Funds Other - Pass Through Funds (American Recovery and Reinvestment Act) Total Research and Development Cluster:	Schedule C Schedule D Schedule D	\$ 7,901,791 57,375 - \$ 7,959,166 \$ 20,622,390	\$ 16,424,638 5,758,247 (77,367) \$ 22,105,518 \$ 75,435,418
Student Financial Assistance Cluster: Department of Education: Federal Work Study Program Federal Supplemental Educational Opportunity Grants (PSEOG) Federal Pell Grant Program Federal Perkins Loan Program	84.033 84.007 84.063 84.038	\$ - - - <u>-</u> \$ -	\$ 1,606,936.00 837,099.00 13,673,520.00 23,846,427 \$ 39,963,982

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards For the Year Ended June 30, 2014

Grantor/Pass-Through Grantor Program Title	CFDA Number	Subrecipent Expenditures	Total Expenditures
Department of Health and Human Services Loans for Disadvantaged Students Nursing Student Loans Primary Care Loans	93.342 93.364 93.342	\$ - 	\$ 322,875 35,629 4,217,443 \$ 4,575,947
Federally Guaranteed Student Loans Graduate PLUS Loans Parent Loans for Undergraduate Students Subsidized Direct Loans Unsubsidized Direct Loans	84.268 84.268 84.268 84.268	\$ - - <u>\$</u> -	\$ 36,628,765 42,107,477 34,609,487 140,725,325 \$ 254,071,054
Total Student Financial Assistance Cluster:		\$-	\$ 298,610,983
Other Programs: Other - Direct Award Other - Direct Award (American Recovery and Reinvestment Act) Other - Pass Through Funds Other - Pass Through Funds (American Recovery and Reinvestment Act)	Schedule E Schedule E Schedule F Schedule F	\$ 535,977 - 73,286 - \$ 609,263	\$ 4,674,006 191,577 6,268,343 (6,853) \$ 11,127,073
Total Other Programs:		\$ 609,263	\$ 309,738,056
Total Expenditures of Federal Awards		\$ 21,231,653	\$ 385,173,474

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Central Control of Mobility in Aging	Albert Einstein College of Medicine of Yeshiva University	9-526-5549	1R01-AG036921-01A1	93.866		12,467
Albert Einstein College of Medicine of Yeshiva University Total					-	12,467
HIV Vaccine Design and Development Teams Argos Therapeutics Total	Argos Therapeutics	HHSN266200600019C	HSSN266200600019C	93.R&D	<u> </u>	<u>18,718</u> 18,718
Novel Models to Predict Energy Expenditure and Physical Activity in Preschoolers Baylor College of Medicine Total	Baylor College of Medicine	101247752	R01DK085163	93.847	<u> </u>	<u> </u>
AIDS Clinical Trial Group Network Brigham and Women's Hospital Total	Brigham and Women's Hospital	PRIME# 7UM1A1068636-07	7UM1A1068636-07	93.855	<u> </u>	(3,307) (3,307)
HDAC6: A Target for Regeneration Following Injury in the Nervous System Burke Rehabilitation Institute Total	Burke Rehabilitation Institute	BL3869-001	1R01N5071056-01A1	93.853		<u> </u>
Development of R Software for Disinfection of Kinetic Analysis Center for Disease Control Total	Center for Disease Control	200-2012-M-50550	Unknown	93.R&D		<u>233</u> 233
Understanding and predicting human driving behaviors via machine learning models	Children's Hospital of Philadelphia Children's Hospital of	AGMT 6/13/13	EEC-0535463	93.004	-	25,108
Role of Peroxynitrite in Neurodegenerative Diseases of Aging Children's Hospital of Philadelphia Total	Philadelphia		5-R01-AG13966-06	93.866		<u>(6,469)</u> 18,639
EMSC Targeted Issue Grants R21: A Paper-Digital Interface for Time-Critical Information	Children's Research Institute	0338-11-03	1H34MC19351-02-00	93.127	-	2,554
R21: A Paper-Digital Interface for Time-Critical Information Management Children's Research Institute Total	Children's Research Institute	30001387-12-03	1R21LM011320-01A1	93.879		<u>56,499</u> 59,053
Smoke-free Public Housing Evaluation City of Philadelphia Total	City of Philadelphia	CONTRACT # 1420397	1U58DP003557	93.531	<u> </u>	<u>22,930</u> 22,930
Tissue Compartmentalization of Human Lymphocytes Maternal Fetal Medicine Unit Beta-2 Adrenoreceptor Genotype and the Incidence and Response	Columbia University Columbia University	11GG07579 HD040485-06	1P01A1106697-01 HD040485-06	93.855 93.865	-	40,304 1,200
to Beta-2 Agonist Treatment of Preterm Labor Columbia University Total	Columbia University	5 R01 HD048805-05	5R01 HD048805-5	93.865		<u>(6,842)</u> 34,662
FASD-Screening Diagnosis and Treatment Initiative (COMHAR and SCHC) COMHAR Total	COMHAR	283-07-3001	HHSS 2832007000301	93.243	<u> </u>	<u> 18,906</u> 18,906
Pennsylvania Community Preparedness Projects Center for Public Health Readiness & Communication	Commonwealth of Pennsylvania Commonwealth of	PO# 4300378689	Unknown	93.R&D	15,000	273,938
Data Warehouse Augmentation and Obesity Resources Database	Pennsylvania Commonwealth of	PO# 4300373814	1U58DP003937-01	93.283	-	4,083
Interactive Colorectal Cancer (iCRC) Project Commonwealth of Pennsylvania Total	Pennsylvania	PO# 4300375205	5U58DP002041-04	93.283	15,000	<u>762</u> 278,783

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
CRCNS: Organization of the Locomotor CPG in the Rodent Spinal Cord Cornell University Total	Cornell University	67362-9896	1R1NS081713-01	93.853		<u> </u>
Graduate Partnership to Expand Educational Opportunities Delaware State University Total	Delaware State University	10-009MH	1R25GM088043-02	93.859		<u> </u>
A Novel Formulation of Flu Vaccine for the Aged DMX Inc. Total	DMX Inc.	1R43AG042993-01	1R43AG042993-01	93.866	<u> </u>	<u>56,215</u> 56,215
Discovery of Anti-HBV cccDNA Compounds from a Unique Natural Products Collection Development of sulfamoylbenzamide derivatives as antiviral agents	Enantigen Therapeutics, Inc.	1R43AI104086-01A1	1R43AI104086-01A1	93.855	-	44,660
against HBV Development of Fluorinated SulfamovIbenzamide Derivatives as	Enantigen Therapeutics, Inc.	R43AI098200	R43AI098200	93.855	-	19,625
Antiviral Agents against HBV Infections Enantigen Therapeutics, Inc. Total	Enantigen Therapeutics, Inc.	R43AI104066	R43AI104066	93.855	<u> </u>	<u>58,051</u> 122,336
DC-SIGN Inhibitors for the Treatment of HIV Infection Fox Chase Chemical Diversity Center, Inc. Total	Fox Chase Chemical Diversity Center, Inc.	1R41Al067719	1R41Al067719	93.855	<u> </u>	<u> </u>
Social-Structural Stressors, Resilience and Sexual Risk Behaviors Among Black Men George Washington University Total	George Washington University	13-S39	7R01MH100022-02	93.242		70,770
Pediatric HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC) (AMP) Harvard School of Public Health Total	Harvard School of Public Health	5U01HD052102-07	5U01HD052102-07	93.865	<u>-</u>	<u>216</u> 216
Novel liver fibrosis test for early detection and classification Immunotope, Inc. Total	Immunotope, Inc.	1R41AA023111-01	1R41AA023111-01	93.273		70,376
Development of a Urine Test for the Early Detection of Colorectal Cancer Development of a Urine Test for the Early Detection of Liver Cancer JBS Science, Inc. Total	JBS Science, Inc. JBS Science, Inc.	R43CA168053 R44CA165312	R43CA168053 R44CA165312	93.394 93.394	- - -	(4,590) <u>84,444</u> 79,854
HIV Research Network John Hopkins University Total	John Hopkins University	PO# 2001377397	HHSA290201100007C	93.R&D		<u>116,355</u> 116,355
Philadelphia Ujima Heart Attack Symptoms Campaign John Snow Incorporated Total	John Snow Incorporated	AWARD 11/9/2011	HHSP233201000669G	93.R&D	<u> </u>	<u> </u>
Environment: The Perinatal Epigenome and Risk for Autism and Related Disorder Development and Validation of Autism Case Conf NCS Form 8 Centers for Autism and Developmental Disabilities Research and Centers for Autism and Developmental Disabilities Research and	Johns Hopkins University Johns Hopkins University	2000982389 LETTER DATED 02/28/2013	R01ES017646 HHSN27520080000033C	93.113 93.R&D	530,935	23,523 633,137
Epidemiology (CADDRE): Study to Explore Early Development Eating for Life: Dietary Behaviors Among Long Term Cancer Survivors Johns Hopkins University Total	Johns Hopkins University Johns Hopkins University	2001396285 2001406127	U01DD000746 R21CA152789	93.073 93.393	- 	12,079 <u>10,762</u> 679,501

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Update of Community Guide Reviews on the Effectiveness of Physical Activity Interventions Kaiser Permanente Total	Kaiser Permanente	12CPATN-02-01	200-2012-53786	93.R&D	<u> </u>	<u> </u>
MOTS: Modeling Obesity Through Simulation Loyola University, Chicago Total	Loyola University, Chicago	201331	5R01HD061978-05	93.865	<u> </u>	20,251 20,251
DiaComp Pilot and Feasibility Study "Type II Diabetes: Phenotype of the Diabetic Bladder from Proteins to Organ" Georgia Regents University Total	Georgia Regents University	25732-25	3 U24 DK076169-08S4	93.847	<u> </u>	<u>84,392</u> 84,392
Diverse Drug Lead Compounds from Bacterial Symbionts in Tropical Marine Mollusks	Oregon Health and Science University Oregon Health and Science	GEBSN0062-ANS	1U01TW008163-01	93.989	-	1,350
Optimizing ELQ's for Treatment and Prevention of Malaria	University Oregon Health and Science	R56AI100569	R56AI100569	93.855	-	30,295
Optimizing ELQ's for Treatment and Prevention of Malaria Oregon Health and Science University Total	University	R01AI100569	1R01AI100569	93.855		<u>79,086</u> 110,731
Prevent and Reduce Adverse Health Effects of Pesticides on Indigenous Farmworkers Oregon Law Project Total	Oregon Law Project	5R24MD002798	5R24MD002798	93.307	<u> </u>	27,700
Eating Disorders Prevention: An Effectiveness Trial for At-Risk College Students Oregon Research Institute Total	Oregon Research Institute	RO1-MH 086582	RO1-MH 086582	93.242	<u> </u>	<u>121,895</u> 121,895
Pennsylvania Cancer Education Network - Colorectal Cancer Public Health Risk Assessment & Community Preparedness Project	Pennsylvania Department of Health Pennsylvania Department of	PO 4300249793		93.991	-	(131)
for PA Evaluation of Cancer Prevention and Control and Other Chronic	Health Pennsylvania Department of	PO#4300314287 CHANGE1	2U90TP316967-11	93.069	-	7,807
Disease Programs (Wisewomen) Pennsylvania Department of Health Total	Health	SAP#4000015984		93.991		<u>(852)</u> 6,824
Walkability's Impact on Senior Health Philadelphia Corporation for Aging Total	Philadelphia Corporation for Aging	9-1089-95-3113	1R21NR012541	93.361	<u> </u>	(131) (131)
Enhanced Integrated Substance Abuse Treatment Services for Philadelphia Veterans Court	Philadelphia Mental Health Care Corporation Philadelphia Mental Health	1H79TI1024209-01	1H79TI1024209-01	93.243	-	25,086
Philadelphia Veterans Treatment Court Philadelphia Mental Health Care Corporation Total	Care Corporation	1H79TI024209-01	1H79TI024209-01	93.243	<u> </u>	<u>26,016</u> 51,102
Nonpeptidic Mimics of Antimicrobial Peptides to Combat Malaria Polymedix, Inc. Total	Polymedix, Inc.	R44AI09062	R44AI09062	93.855	<u> </u>	<u>(1,043)</u> (1,043)
Quantifying Changes in Neural Stem Cell Lineages in the Aging Niche Regenerative Research Foundation Total	Regenerative Research Foundation	5012-DREXEL	R01AG041861	93.866	<u> </u>	<u>96,591</u> 96,591

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Interdisciplinary and Translational Research Training and Comprehensive NeuroAids Core Center ATP Hydrolosis in Viral Reservoir Persistence Developmental Core Pilot Project: Interplay between micro RNA's	Temple University Temple University Temple University	P0 #CC0161590 1P30MH092177-04 1 R01 MH101010-01	5T32MH079785-05 1P30MH092177-04 1R01 MH101010-01	93.282 93.242 93.242	- 58,832 -	(64,025) 143,736 17,433
and HIV-1 in human microglia and astrocytes Temple University Total	Temple University	P30MH092177	P30MH092177	93.242	58,832	<u> </u>
RCT of Treatment of Male Partners of Women with Recurrent Bacterial Vaginosis The Board of Trustees of the University of Alabama Total	The Board of Trustees of the University of Alabama	000421793-002		93.855	<u>-</u>	<u> </u>
Study of Health Outcomes in Children with Autism and Their The Lewin Group Total	The Lewin Group	TLG-10-067-5354	HHSN2712010000	93.R&D		<u> </u>
Single Molecule DNA Mapping for DNA and CNV Analysis The Regents of the University of California Total	The Regents of the University of California	DTD 7/2/2012	5R01HG005946	93.172	<u>-</u>	<u> </u>
Commitment Contracts for Health-Behavior Change	The Regents of the University of California,	KK1302	R21 AG042051	93.866		58,620
The Regents of the University of California, Santa Barbara Total					-	58,620
Nanomapping-assisted analysis of human telomere regions Observation Study of IFN-Alpha/Ribacin Therapy in HCV/HIV-1 Co-	The Wistar Institute	24831-02330	1R21HG007205-01	93.172	-	154,208
Infected and HCV Mon-Infected Subjects The Wistar Institute Total	The Wistar Institute		5-R01-AI073219-03	93.855	<u> </u>	2,099 156,306
Non-Thermal Plasma Treatment Initiates Redox Signaling in Stem						
Cells Translational Research in Cancer Translational Research in Cancer Translational Research in Cancer Evaluation of Small Molecule Inhibitors of Hemoglobin Transport as	Thomas Jefferson University Thomas Jefferson University Thomas Jefferson University Thomas Jefferson University	080-23000-502501 080-03500-PB1116 080-03500-PB1516 080-03500-PB11	5R01EB013011 2P30CA056036 2P30CA056036-14 2 P30 CA056036-14	93.286 93.397 93.397 93.397		85,070 19,652 7,357 15,661
Antimalarials Administrative Core - Sickle Cell Program Project Comprehensive Sickle Cell Center-Project 1	Thomas Jefferson University Thomas Jefferson University Thomas Jefferson University	R21AI090158 5 P60-HL62148-05	R21AI090158 5 P60-HL62148-05	93.855 93.839 93.839	- - -	32,138 20 150
Basic and Translational Research Program in Sickle Cell Disease Thomas Jefferson University Total	Thomas Jefferson University	5 U54 HL070585-08	5 U54 HL070585-08	93.837		(60) 159,988
Quantitative Analysis of Cerebral Cortex in Aging Monkeys MRI, Genetics & Cognitive Precursor of AD and Dementia Trustees of Boston University Total	Trustees of Boston University Trustees of Boston University	5R01AG011133-06 4500001204	5R01AG011133-06 5R01AG016495-12	93.866 93.866		58,080 34,106 92,185

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Single Molecule DNA Mapping for Genome and CNV Analysis University of California, San Francisco Total	University of California, San Francisco	8037SC	2R01HG005946-04	93.172	<u> </u>	<u>97,818</u> 97,818
Optimal Dervivation of Murine Embryonic Distal Airway Stem Cells University of Connecticut Total	University of Connecticut	#019911, AGMT. DATED 1/26/11	R01-HL104268-01	93.838	<u> </u>	<u>(3,447)</u> (3,447)
Axonal Transport Deficits during Hereditary Spastic Paralegia University of Illinois Total	University of Illinois	2010-00275-01	5R01NS066942	93.853	<u> </u>	<u>65,292</u> 65,292
Youth Access to Tobacco FY14 University of Louisiana Total	University of Louisiana	881112-01	330-402221	93.959		70,438
Development Effects of Prenatal Cocaine Exposure University of Medicine & Dentistry of New Jersey Total	University of Medicine & Dentistry of New Jersey	R01DA007109	R01DA007109	93.279	<u> </u>	<u>57,683</u> 57,683
Cytological Studies of Developing Neurons University of Miami Total	University of Miami	66951N	5R01NS009923-41	93.853		<u>18,091</u> 18,091
Neighborhoods and Cardiovascular Risk in Multiethnic Cohort Center for Integrative Approaches to Health Disparities (CIAHD) Stress, Gene-Environment Interaction and Cardiovascular Disease Multilevel & Lifecourse Approaches to NCD Prevention in Latin	University of Michigan University of Michigan University of Michigan	3001283550 3002467248 3003020240	5 RO1 HL071795-07 2P60MD002249 R01-HL101161	93.837 93.307 93.837	-	30,998 241,079 5,044
America University of Michigan Total	University of Michigan	3003076006	D43TW009315	93.989		<u>1,717</u> 278,838
Mechanism of Latency of Herpes Simplex Virus Improved DNA Vaccines Neural Basis of Generalized Quantifiers The impact of uncertainty in genome-wide testing for autism	University of Pennsylvania University of Pennsylvania University of Pennsylvania	556583 SUBAWARD 551404 552213	P50NS033768 HHSN2722080063C 1 P01 50 NS0 53488	93.853 93.R&D 93.853	:	2,748 14,548 (14,485)
spectrum disorder Epigenetic changes associated with neurodegenerative diseases Retraining Neurocognitive Mechanisms of Cancer Risk Behavior Psychological Effects of Injuries in Urban Black Men: A Disparate	University of Pennsylvania University of Pennsylvania University of Pennsylvania	1R21-HG-006560-01 560241	1-R21-HG-006560-01 5R01NS078283-02 1R01CA170297-03	93.172 93.853 93.393	- -	13,994 72,182 26,773
Health Issue TMS as a Biomarker of Plasticity in Aphasia Recovery Interaction of Inhalational Anesthetics with Macromolecules Executive Control in Parkinson's Disease Project HOPE (Hospital Visit as Opportunity for Prevention and	University of Pennsylvania University of Pennsylvania University of Pennsylvania University of Pennsylvania	560145 561592 562336 1 P-50-NS0-53488	5R01NR013503 1-R01-DC-012780-01A1 5-P01-GM-055876-15 1 P-50-NS0-53488	93.361 93.173 93.859 93.853		29,410 9,166 224,252 (4,511)
Engagement for HIV-Infected Drug Eliciting Maternal Knowledge about the Technology of Skill Immune Activation and Isoniazid Metabolism in HIV/TB University of Pennsylvania Total	University of Pennsylvania University of Pennsylvania University of Pennsylvania	563098 560737 561265	3U10DA013043 1-R01-HD-073221-01A1 1R21-A1-104441-01	93.279 93.865 93.855	- - -	277,722 74,748 13,793 740,338

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Late Sodium Current Blockade in High Risk ICD Patients (RAID) University of Rochester Total	F University of Rochester	PRIME # 5-24420 SUB# 415554 G	4- U01 HL 096607	93.837	<u> </u>	<u>44,069</u> 44,069
H1R Signaling and Immune Deviation in EAE University of Vermont Total	University of Vermont	23801	1R01NS069628-05	93.853		<u>81,939</u> 81,939
Development and Validation of an Autism Case Confirmation Approach for Use in NCS Westat Total	Westat	6049.08-S01	HHSN2752012000051	93.R&D	<u>416,418</u> 416,418	<u>681,192</u> 681,192
Total Department of Health And Human Service Research and Development Awards from Pass-Through Grantors					\$ 1,021,184	\$ 5,423,672
American Recovery and Reinvestment Act						
Evaluation of Overdose Prevention Programs for Injection Drug Users Children's Hospital of Los Angeles Total	Children's Hospital of Los Angeles	000428	R21DA026789	93.701	<u>-</u>	<u>11</u> 11
Center for Pediatric Research DuPont Total	DuPont	2P20RR020173-07	2P20RR020173-07	93.859		<u>(7)</u> (7)
Anush Sridharan Salary for Work at Thomas Jefferson University Thomas Jefferson University Total	Thomas Jefferson University	TJUP020889512	5 R01 HL088523-03	93.701		<u>18,554</u> 18,554
Bundling Effective Resident Hand Off Practices to Improve Patient Safety Boston Children's Hospital Total	Boston Children's Hospital	77543	1 R18 AE000029-01	93.726	<u> </u>	13,082 13,082
American Recovery and Reinvestment Act Department of Health And Human Service Research and Development Awards from Pass Through Grantors Total	Ş.				\$	\$ 31,640
Department of Health And Human Service Research and Development Awards from Pass-Through Grantors Grand Total					\$ 1,021,184	\$ 5,455,312

Drexel University and Subsidiaries

Schedule of Expenditures of Federal Awards National Science Foundation Research and Development Awards From Pass Through Grantors – Schedule B For the Year Ended June 30, 2014

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Philadelphia Regional Noyce Partnership Bryn Mawr College Total	Bryn Mawr College	46940-1	DUE-1136323	47.076		<u> </u>
Intelligent HW/SW Compilers for DSP Applications Carnegie Mellon University Total	Carnegie Mellon University	1120464-146717	Unknown	47.070	<u> </u>	2,542 2,542
Nanoscale Mechanism of Superconductivity and Vortex Pinning in ron-Based Superconductors CRDF Global Total	CRDF Global	OISE-14-60109-0	OISE-1460109	47.079		<u> </u>
NSF Illinois State Museum NEOTOMA Illinois State Museum Society Total	Illinois State Museum Society	EAR-0948652	EAR-0948652	47.050		8,253 8,253
Device and Method for Microfluidic Isolation and Expansion of Fetal Trophoblast Cells for Non-Invasive - Prenatal Diagnostic Pasortix, Inc. Total	Pasortix, Inc.	AGR DTD 2/1/2011	NSF SBIR Grant#1014134	47.041	<u> </u>	<u> </u>
Children Investigating Science with Parents and After School (CHISPA) Projects Patricia and Philip Frost Museum of Science, Inc. Total	Patricia and Philip Frost Museum of Science, Inc.	AGR DATE 12/5/2013	DRL-1323516	47.076		
RAPID: Understanding Sudden Hydro-Climatic Changes and Exploring Sustainable Solutions in the Enriquillo Closed Water Basin Southwest Hispaniola) Research Foundation of CUNY Total	Research Foundation of CUNY	40C90-A	CBET-1264466	47.041	<u>-</u>	<u> </u>
Noyce Northeast Regional Conferences in 2013 and 2014	Research Foundation of the State of University of New York	170-1113463-66040	DUE-1341207	47.076	<u> </u>	35,046
Research Foundation of the State of University of New York Total					-	35,046
HCC: Small: Collaborative Research: Assessing Technology Requirements for Preventing Teamwork Errors in Safety-Critical Settings Rutgers University Total	Rutgers University	4584	IIS-0915871	47.070	<u>-</u>	<u>9,087</u> 9,087
PIRE: Mapping Evolutionary Process in the Face of Climate Change: An Integrated Approach to Education and Conservation Prioritization in Central Africa The Regents of the University of California Total	The Regents of the University of California	2155GRA906	IIA-1243524	47.079	<u>-</u>	<u>48,035</u> 48,035
A Proposal to Design a Megaton-Scale Water Cerenkov Detector for the Deep Underground Science and Engineering Lab University of California, Davis Total	University of California, Davis	SUB09000769-DREXEL	PHY-0919550	47.049	<u> </u>	<u>33,063</u> 33,063
NEESR: Enhancement of Seismic Performance and Design of Partially Grouted Reinforced Masonry Buildings Jse of DIC During Seismic Testing of Full-Scale Partially Grouted	University of California, San Diego University of California, San	CONTRACT # 30037642	CMMI-1208208	47.041	-	61,828
Masonry Buildings University of California, San Diego Total	Diego	3037642	CMMI-1208208	47.041	<u>-</u>	<u>49,113</u> 110,941

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards

National Science Foundation Research and Development Awards From Pass Through Grantors – Schedule B For the Year Ended June 30, 2014

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
A novel approach for oceanographic explorations: multi-scale modeling and simulation using CFD enabled by AUVs data University of Central Florida Total	University of Central Florida	16266102-01	CMMI-1250280	47.041	<u> </u>	<u>48,091</u> 48,091
HCC-Medium: Mixed-Reality Virtual Humans for Training University of Florida Research Foundation, Inc Total	University of Florida Research Foundation, Inc	IIS-0803652	IIS-0803652	47.070	<u>-</u>	<u>13,495</u> 13,495
ATD: Improving Analysis of Microbial Mixtures through Sparse Reconstruction Algorithms and Statistical Inference University of Georgia Total	University of Georgia	RR181-267/4945606	DMS-1120622	47.049	<u> </u>	<u>3,496</u> 3,496
CASA: Assist in the On-going Effort to Model the Forecaster Warning Decision Process University of Massachusetts Total	University of Massachusetts	EEC-0313747/04-0002341L00	EEC-013747	47.041		<u>32,210</u> 32,210
RIE: Cell Wall Mechanics in Arabadopsis University of Montana Total	University of Montana	IOS-0950374	IOS-0950374	47.074		<u>642</u> 642
DataNet University of North Carolina Total	University of North Carolina	5-37142	OCI-0940841	47.080		<u>99,770</u> 99,770
PIRE Mongolia YR5 2012	University of Pennsylvania	549018	OISE-0729786	47.079	-	(3,410)
AfterBurner: Efficient Performance Scaling via Post-Retirement Processing University of Pennsylvania Total	University of Pennsylvania	555822	CCF-1017184	47.070		<u>111,576</u> 108,166
INSPIRE TRACK 1: The Informatics of Making University of Wisconsin Total	University of Wisconsin	489K904/CMMI-1344205	CMMI-1344205	47.041		20,980 20,980
EFRI-BSBA: Multitunctional Materials Exhibiting Distributed Actuation, Sensing, and Control: Uncovering the Hierarchical Contro of Fish for Developing Smarter Materials Virginia Polytechnic Institute Total	ol Virginia Polytechnic Institute	ERFI-0938043	ERFI-0938043	47.041	<u> </u>	<u>71,399</u> 71,399
National Science Foundation Research and Development Awards from Pass-Through Grantors Total					<u>\$</u>	\$ 672,286

Program Title	Grantor Agency Number		CFDA Number	Subrecipient Expenditures	Federal Expenditures
An Integrated Research and Education Program on Highly Sensitive					
and Sensitive Biosensors for Food Borne Pathogens and Toxins Identifying & Addressing Potential Poultry and Egg Mishandling Habits	US Department of Agriculture	2006-51110-03641	10.303	-	3,000
of Minority Ethnic and Racial Populations Prevalence, Levels, and Subtypes of Listeria Monocytogenes in Higher	US Department of Agriculture	2009-51110-05853	10.303	36,727	63,820
Risk Foods FSIS Prevalence and Levels of Listerial Monocytogenes in Ready-to-	US Department of Agriculture	1935-41420-015-07S	10.001	-	135,801
eat Retail Meat and Poultry 2011 Forest Service Marcellus Funding	US Department of Agriculture US Department of Agriculture	58-1935-1-177 11-JV-11242301-049	10.001 10.693	-	(5,144) (5,091)
Distributed On-Farm Bioenergy, Biofuels & Biochemicals (FarmBio3)				-	
Development and Production via Integrated Catalytic Thermolysis Uruguay ECPA Project III Synergistic interaction between ultraviolet light and novel	US Department of Agriculture US Department of Agriculture	59-1935-3-002 58-3148-3-134	10.312 10.960	42,430	109,275 3,600
photosensitizers for enhanced microbial safety of fresh produce	US Department of Agriculture	2014-67017-21642	10.310	<u> </u>	2,062
10 - US Department of Agriculture				79,157	307,323
The Effect of Sediment Availability and Climate Change on Marsh Development in the Delaware Estuary Tools for Evaluating Fault Detection and Diagnostic Methods for HVAC	NOAA National Institute of	NA11NOS4200066	11.420	-	(870)
Secondary Systems of a Net Zero Building	Standards & Technology National Institute of	60NANB10D243-AMEND1	11.609	-	40,699
Frontiers of In Situ Transmission Electron Microscopy 11 - National Institute of Standards & Technology	Standards & Technology	70NANB12H260	11.609	<u> </u>	6,860 46,689
ACIN - Applied Communications and Information Networking Program	Department of Army	DAAB07-01-9-L504	12.R&D	_	259,806
ACIN - Applied Communications and Information Networking: Prototype Development Program	Department of Army	W15P7T-06-9-P011	12.R&D	4,450,838	4,584,363
Warren Grove Bombing Range Integrated Natural Resources				4,430,838	, ,
Management Magnetic Resonance Characterization of Axonal Response to Spinal	Department of Army	DAMD17-02-2-0045	12.420	-	57,782
Cord Injury Active Authentification via Linguistic Modalities	Department of Army Air Force	DTD 8/2010 FA8750-12-C-0212	12.420 12.800	-	57,287 102.082
Mobile Active Authentification via Linguistic Modalities An Imino Sugar Glucosidase Inhibitor That Is Effective Against Multiple	Air Force	FA8750-13-C-0268	12.800	86,805	237,835
Hemorrahagic Fever Viruses of Bioterror Concern Metacognition as Multitasking: Theory and Models of Strategic	US Department of Defense	HDTRA1-10-C-0068, P00003	12.R&D	-	(6,546)
Multitasking in Complex Dynamic Tasks Control Scheme Limit Identification for Shipboard Power Systems	Office of Naval Research	N00014-09-1-0096	12.300	-	102,490
Formulation and Related Issues Physically-Based Statistical Approaches to Radiometric Scene	Office of Naval Research	N00014-10-1-0195	12.300	-	153,064
Understanding Novel Mechanism for Conductivity Modulation in Complex Oxide	Office of Naval Research	N00014-11-1-0099	12.300	-	40,659
Heterostructures In Situ TEM Studies of Coupled Device Structures Under DC Bias:	Office of Naval Research	N00014-11-1-0109	12.300	-	69,120
Towards a Quantitative Understanding of Strain-Mediated Mechanisms	Office of Naval Research	N00014-11-1-0296	12.300	-	50,295
ULI: Magnetoelectric Nanostructures for Magnetic Field Sensing Vertical Charge Ordering Transistors Enabled by Structurally Coupled	Office of Naval Research	N00014-11-1-0370	12.300	-	6,935
Heterointerfaces	Office of Naval Research	N00014-11-1-0664	12.300	151,261	627,286

Program Title	Grantor	Agency Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Using Spatial Correlations Measured on a Limited Number of Oblique					
Sections for Establishing Reliable Structure-Property-Processing					
Linkages Fish fins as multifunctional propulsive and sensory systems for	Office of Naval Research	N00014-11-1-0759	12.300	-	16,825
autonomous operations in the complex underwater environment Below-Deck Electromagnetic Environment Characterization for RF	Office of Naval Research	N00014-12-1-0160	12.300	232,123	338,827
Wireless Network Operation Effects of Stress, Composition, and Interface Type on Beta-Phase	Office of Naval Research	N00014-12-1-0262	12.300	-	(655)
Precipitation in Al-Mg Alloys Collaborative Robots in Geophysical Flows: Understanding How Local	Office of Naval Research	N00014-12-1-0505	12.300	-	85,510
Measurements Imply Global Structures	Office of Naval Research	N00014-12-1-1019	12.300	-	238,713
Novel Acoustics-based Framework for SHM of Navy Assets Below-Deck Electromagnetic Characterization for RF Wireless Network	Office of Naval Research	N00014-13-1-0143	12.300	-	102,544
Operation, Phase III Digital PowerLab: Development of Networked Power and Energy	Office of Naval Research	N00014-13-1-0312	12.300	-	114,701
Laboratories Ion-beam system for functional and oxide materials and device	Office of Naval Research	N00014-13-1-0611	12.300	-	74,518
processing Multi-Robot Fluid Tracking Testbed for DOD Supported Research in	Office of Naval Research	N00014-13-1-0701	12.300	-	105,000
Tracking and Identification of Coherent Structures in Geophysical Flows	Office of Naval Research	N00014-13-1-0731	12.300	-	156,679
Detection/Prediction Algorithm Development and Implementation Expansion: In Situ TEM Studies of Coupled Device Structures under	Office of Naval Research	N00014-13-1-0733	12.300	85,689	199,870
DC Bias: Towards a Quantitative Understanding of Strain-Mediated					
Mechanisms Observability of Network Controlled Multi-Converter Power Systems:	Office of Naval Research	N00014-14-1-0058	12.300	-	39,400
Formulation and Related Issues	Office of Naval Research	N00014-14-1-0061	12.300	-	69,210
Identification of Fatigue Precursors for Multiscale NDE & Prognostics	Office of Naval Research	N00014-14-1-0571	12.300	-	4,197
Exploiting the Limitations and Potential of Automated Linguistic DRC-Hubo - Leveraging a 7 Hubo Infrastructure and Unified Algorithmic		N10AP20014	12.910	-	(1,588)
Framework for the DARPA Robotics Challenge	Office of Naval Research	N65236-12-1-1005	12.630	1,677,675	2,016,476
THOR: Tactical Heterogeneous Ontology Representation	Office of Naval Research	N66001-12-C-4052	12.300	-	211,160
Senior Design, NavAir Systems Command Senior Design, NavAir Systems Command, AUTOMATED	Naval Air Systems Command	N68335-12-P-0188	12.R&D	-	800
NETWORKED TRANSPORT SWARM (ANTS) - HARDWARE	Naval Air Systems Command US Army Medical Research	N68335-13-P-0265	12.R&D	-	9,256
Enhancing Response Technologies for Complex Events Mu-Opioid Regulation of Mucosal Immunity Against Clostridium Difficile	Acquisition Activity US Army Medical Research	W81XWH-08-2-0573	12.420	-	6,186
Infection and Vaccination Identification of the Gene for Scleroderma in the Tsk/2 Mouse Strain:	Acquisition Activity	W81XWH-09-1-0382	12.420	-	12,840
Implications for Human Scleroderma Pathogenesis and Subset	US Army Medical Research				
Distinctions Selective and Responsive Nanopore-Filled Membranes as Breathable	Acquisition Activity	W81XWH-11-1-0524	12.420	35,758	275,507
Barriers Multiscale Synthesis, Modeling and Design of High Performance	Department of Army	W911NF-05-1-0036	12.431	-	(13,786)
Polymer Systems	Department of Army	W911NF-06-2-0013	12.431	-	243,490

Program Title	Grantor	Agency Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Smart Core-Shell Nanowire Architectures for Multifunctional					
Nanoscaled Devices The Mechanics and Engineering of Flagellar Polymorphic	Department of Army	W911NF-08-1-0067	12.431	-	20,909
Transformation for Adaptive Nanoelectronics	Department of Army	W911NF-10-1-0173	12.431	-	(6,451)
Molecular Transport in Ionic Polymer Membranes Under Applied Use of Spherical Nanoindentation to Characterize the Anisotropic	Department of Army US Army Medical Research	W911NF-10-1-0255	12.431	-	(3,044)
Properties of Microscale Constituents Autoignition Chemistry of Surrogate Fuel Components in an Engine	Acquisition Activity US Army Medical Research	W911NF-10-1-0409	12.431	134,156	172,781
Environment	Acquisition Activity	W911NF-11-1-0412	12.431	-	113,789
Microbiorobots for Manipulation and Sensing	Department of Army	W911NF-11-1-0490	12.431	86,675	206,923
Nanocrystalline MAX/Mg Composites with Exceptional Properties Symmetry Mismatched Heterostructures: New Routes to Bandwidth	Department of Army	W911NF-11-1-0525	12.431	-	113,395
Control in Oxides Ab Initio Design of Noncentrosymmetric Metals: Crystal Engineering in	Department of Army	W911NF-12-1-0132	12.431	-	125,282
Oxide Heterostructures Integrated Real-time Control and Imaging System for Microbiorobotics	Department of Army	W911NF-12-1-0133	12.431	-	127,852
and Nanobiostructures	US Department of Defense	W911NF-12-1-0304	12.431	-	160,466
Center for Sustainable Corrosion Protection Determination of Germination and Microhabitat Requirements and Role	Department of Army	W911NF-13-2-0046	12.431	22,741	77,867
of Disturbance on Knieskern's Beaked Rush (Rhynchospora					
Knieskernii) at Warren Grove Range, New Jersey	Department of Army	W9126G-11-2-0041	12.300	-	86,008
Forensic Documentation Analysis Non Destructive Approach For Damage Detection and Its Evolution in	Department of Army	W91CRB-08-C-0008	12.R&D	-	(7,375)
Hard Armor Protective Inserts	Department of Army	W91CRB-13-P-0057 N11AP20024/REVISED	12.R&D	-	90,016
Adversarial Linguistic Analysis	US Department of Defense	D11AP00281	12.910		94,565
12 - US Department of Defense				6,963,721	12,021,121
The Effect of Open Marsh Water Management Flooding (OMWM) &	U.S. Fish and Wildlife				
Accretion in Coastal Wetlands The Effect of Open Marsh Water Management Flooding (OMWM) &	Service U.S. Fish and Wildlife	50181-A-J002	15.608	-	(2,663)
Accretion in Coastal Wetlands	Service	F11AC00274	15.608	-	12,569
Biodiversity conservation on Bioko Island, Equatorial Guinea Algal Research and Ecological Synthesis for the USGS National Water	U.S. Fish and Wildlife United States Geological	F13AP00506	15.651	-	49,498
Quality Assessment Program	Survey United States Geological	G07AC00025	15.808	-	(3,088)
Barnegat Bay Sediment Analysis 2013 Milwaukee Metropolitan Sewerage District Periphtyton Sample	Survey United States Geological	G13PX00548	15.8 R&D	-	11,671
Analyses (18 samples)	Survey United States Geological	PO#G13PX01505	15.8 R&D	-	8,713
USGS lowa Algal Analysis - 2012 Field Season (10 Samples) 15 - Department of the Interior	Survey	EMAIL 3/21/2013	15.8 R&D	-	4,493 81,193

Program Title	gram Title Grantor Agency Number		CFDA Number	Subrecipient Expenditures	Federal Expenditures
	US Department of State				
Summer Institute for European Student Leaders 19 - US Department of State	(USIA)	S-ECAAE-08-CA-079(KF)	19.009	-	2,335 2,335
Analytical and Experimental Studies on Airworthiness and Sustainment of Aircraft Structures	Federal Aviation	10-G-016	20.108	-	188,833
Program Management and Tasks under FAA Next Ben OTA Rotorcraft Health and Utilization Monitoring Systems Research in	Federal Aviation Administration Federal Aviation	DTFACT-12-A-80003	20.109	160,290	577,706
Support of Programs, Such as Continued Airworthiness and Systems Low-Powered Wired Sensors for Asset Management or Health	Administration	13-G-002	20.108	-	109,102
Monitoring of Structures and Pavements 20 - Department of Transportation	Federal Highway Admin	DTFH61-13-C-00021	20.2 R&D	<u>30,195</u> 190,485	<u>96,470</u> 972,111
A Next Generation Coronal Active Region Model	National Aeronautics and Space Administration National Aeronautics and	NNX07AU64G	43.001	-	184,536
The ultimate multiwavelength quasar survey Improvement of numerical algorithms for the 1D Hydrodynamic code	Space Administration National Aeronautics and	NNX12AI49G	43.001	14,821	105,112
ARGOS NextGenAA: Integrated Model Checking and Simulation of NextGen	Space Administration National Aeronautics and	NNX12AP65G	43.001	-	52,693
Authority and Autonomy	Space Administration National Aeronautics and	NNA13AB02C/4200463702	43.002	373,399	535,647
Project CRoFT: Composite Rotary Fatigue Tester	Space Administration National Aeronautics and	NNC14VB89P	43.R&D	-	4,100
GSRPCollin Stabler	Space Administration National Aeronautics and	NNX11AN07H	43.008	-	2,046
Probing AGN Accretion Physics with Kepler 43 - National Aeronautics and Space Administration	Space Administration	NNX14AF75G	43.001	388,220	14,547 898,681
	Institute of Museum and				
Preparing Faculty of Digital Librarianship	Library Sciences	RE-02-07-0061-07	45.313	-	(1)
Helping Libraries to Harness the Power of Social Searching Improving Search, Sensemaking, Learning, and Social Tagging	Library Sciences	LG-06-11-0261-11	45.312	-	102,667
Through a Universal Appliance for Query Expansion and Meaningful	Institute of Museum and				
Concept Displays	Library Sciences Institute of Museum and	LG-06-11-0332-11	45.312	17,467	141,032
Digging into Metadata	Library Sciences Institute of Museum and	LG-00-12-0457-12	45.312	-	40,747
IMLS Entomology Digitization Project	Library Sciences Institute of Museum and	MA-05-10-0001-10	45.301	-	19,370
CLUES-IMLS-YR3 (2011-2012)	Library Sciences Institute of Museum and	LG-26-09-0125-09	45.312	-	13,776
Changing Attitudes Towards Autisms Access	Library Sciences	MA-04-12-0009-12	45.301	-	32,251
Museums Count Research & Project Development 45 - Institute of Museum and Library Sciences	Institute of Museum and Library Sciences	OE-00-14-0001-14	45.312	17,467	509 350,350

Program Title	Grantor	Agency Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
	US Dept of Environmental				
Deployable Cyanotoxin Sensor using DNA-Signatures	Protection Agency US Dept of Environmental	RD-83382901-0	66.509	-	17,979
Alkali-Activated Cement (AAC) as a Sustainable Building Material	Protection Agency US Dept of Environmental	SU-83475901	66.516	-	881
Waste to fuel: design of a landfill algae bioreactor	Protection Agency US Dept of Environmental	SU83508101	66.516	-	(2,323)
Lightweight Green Roof Water Retention System 66 - US Dept of Environmental Protection Agency	Protection Agency	SU-83506601-0	66.516		<u>33,222</u> 49,759
DU Faculty Development Program in Nuclear Materials Science: Design and Characterization of Radiation-Tolerant Alloys using Multiscale Grain Boundary Engineering and Advanced Microscopy Methods 77 - Nuclear Regulatory Commission	Nuclear Regulatory Commission	NRC-38-10-928	77.008	<u> </u>	<u> </u>
Low Temperature Synthesis of Carbide-Derived-Carbons from Binary					
and Ternary Carbides in the Si-Ti-C System: Experiments and Modeling	US Department of Energy US Department of Energy	DE-FG02-07ER46473 DE-FG02-00ER41134	81.049 81.049	-	205,157 (12,825)
Neutrino Physics: Task A Physics at KamLAND and Double Chooz Former Pantex Worker Medical Surveillance Program - Phase II	US Department of Energy	DE-FC01-06EH06003	81.049	129,757	218,183
Diffusion and Chemical Compatibility of the MAX Phases for Advanced					,
Reactor Fuel and Component Design Fundamental Studies of the Role of Grain Boundaries on Uniform	US Department of Energy	00119175	81.049	40,000	191,858
Corrosion of Advanced Nuclear Reactor Materials Linking the Codependence of Grain Boundary Structure and Density to	US Department of Energy	00121106	81.049	89,903	168,206
Defect Evolution Mechanisms During Radiation Damage Experimental Neutrino Physics Neutrino physics at Drexel	US Department of Energy US Department of Energy US Department of Energy	DE-SC0008274 DE-SC0007988 DE-SC0011803	81.049 81.049 81.049		164,819 128,460 <u>31,573</u>
81 - US Department of Energy				259,659	1,095,432
	Institute for Human Centered				
Research Support: New England ASA/DBTA Engineers as Global Leaders in Energy Sustainability (EAGLES) GAANN: Graduate Fellowships in Education with a Focus on the	Design US Department of Education	H133A060092 P116J100037	84.133 84.116	3,082	5,724 33,963
National Academy of Engineering Grand Challenges 84 - US Department of Education	US Department of Education	P200A120253	84.200	3,082	82,163 121,850
Firefighter Non-Fatal Injury Surveillance System (F-NISS)	FEMA	EMW-2009-FP-00427	97.044	-	36,460
Understanding Culture: Assessing Firefighter Safety Climate	FEMA	EMW-2011-FP-00069	97.044	-	310,262
FIRST-Reliability Study 97 - FEMA	FEMA	EMW-2012-FP-00205	97.044		<u>81,669</u> 428,392
Development of Green Infrastructure Techniques Using Natural Systems	New York State Department of Environmental Conservation	T008462	99.R&D		(4,755)
99 - Unknown Agency				-	(4,755)
Other Direct Federal Research and Development Awards Grand Total				\$ 7,901,791	\$ 16,424,638

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Lignocellulosic Biomass Conversion to Infrastructure Compatible Fuels, Products and Power Ceramatec Total	Ceramatec	LETTER DATED 3/21/13	2012-10008-20263	10.312		<u> </u>
Northeast Woody/Warm-season Biomass Consortium Penn State University Total	Penn State University	4900-DU-USDA- 9703	2012-68005-19703	10.310	<u> </u>	<u>29,863</u> 29,863
Childhood Stress: A Qualitative Analysis of the Intergenerational Circumstances of Child Hunger University of Kentucky Research Foundation Total	University of Kentucky Research Foundation	3048108673- 12659/AG3198B10 0028	AG-3198-B-10-0028	10.592	<u>-</u>	<u>33,400</u> 33,400
10 - US Department of Agriculture						119,689
Northeast Urban Regional Integrated Science Assessment Columbia University Total	Columbia University	GG001959	NA10OAR4310212	11.431		<u>76,340</u> 76,340
Influence of Estuary Geomorphology 2012	New Jersey Sea Grant Consortium New Jersey Sea Grant	6210-0011/694- 0000	6210-0011	11.4 R&D	-	3,759
The Influence of Estuary Geomorphology - Year 2 New Jersey Sea Grant Consortium Total	Consortium	694-7900-7553	6310-0011	11.4 R&D		<u>26,867</u> 30,626
2011 PA CZM Mussel Restoration	Partnership for the Delaware Estuary Partnership for the	PDE 192-02 206S-01/JOB#687-	4100054396	11.419	-	(3,720)
2012 PA CZM Mussel Restoration Partnership for the Delaware Estuary	Delaware Estuary	0000	4100057570	11.420		<u> </u>
PA CZM Nutrient Uptake and Burial, Tidal Wetlands PA Department of Environmental Protection	PA Department of Environmental Protection	7C-K- 460/CZ1:2011-	SAP#4100057568	11.4 R&D		4,882
Evaluating Coastal Wetland Vulnerability to Sea Level Rise in Pennsylvania Penn State University Total	Penn State University	4721-ANS-NOAA- 0061	NA10OAR4170061	11.417		<u> </u>
Biornedical Textiles for Cardiac Repair Philadelphia University Total	Philadelphia University	AGREEMENT#201 0-28530-1	IT101AX1130001	11.113		(2,518) (2,518)
Automated Nondestructive Evaluation and Rehabilitation Systems for Bridge Decks Rutgers University Total	Rutgers University	00003987	70ANB10H014	11.616		<u> </u>
Philadelphia Freedom Rings Partnership Urban Affairs Coalition Total	Urban Affairs Coalition	1050-DRU/42-43- B10571	42-43-B10571	11.557		<u> </u>
11 - National Institute of Standards & Technology						572,626
Enhanced Wound Healing using Topically Administered Nanoparticle Encapsulated siRNA Albert Einstein College of Medicine of Yeshiva University Total	Albert Einstein College of Medicine of Yeshiva University	9-526-6901	W81XWH-12-1-0370	12.R&D	<u> </u>	<u> </u>
Industrial Manufacturing of Nano-Graphitic Obscurant Aerosols American Energy Technologies Co Total	American Energy Technologies Co	PO20130109002M	P020130109002M	12.114	<u> </u>	<u>(101)</u> (101)
MARAN: Mission Aware Robotics-Assisted Networking	Applied Communication Services Applied Communication	20130095	FA875011C0254	12.431	-	68,585
SISTO Applied Communication Services Total	Services	2012015S	Unknown	12.300		<u>15,462</u> 84,047
Behavior-Based Access Control to Improve Cross Domain Sharing BBN Technologies Total	BBN Technologies	14082	FA8750-12-C-0011	12.800		<u>96,346</u> 96,346

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Towards Optimization of Macrocognitive Processes: Automating Analysis of the Emergence of Leadership in Ad Hoc Teams High Assurance Spiral: Scalable and Performance Portable Domain-Specific Control	Carnegie Mellon University	1150112-292646	N00014-11-1-0221	12.300	-	40,435
Systems Synthesis Camegle Mellon University Total	Carnegie Mellon University	MOD 1	FA8750-12-2-0291	12.300		<u>110,803</u> 151,238
Computational Model for Electrode Erosion by High-Pressure Moving Arcs, Phase II CFD Research Corporation Total	CFD Research	20120532	FA9550-14-C-0026	12.R&D		<u>29,013</u> 29,013
FUSION : Federated Understanding of Security Information Over Networks Digital Operatives Total	Digital Operatives	18881	FA8750-14-C-0029	12.800		<u>164,600</u> 164,600
E-MIDDAS - Enhanced-Mobile Integrated Diagnostic and Data Analysis System Englility Total	Engility	LTR DTD 04/27/12	W81XWH11C0088	12.R&D	<u>-</u>	<u>(691)</u> (691)
Study of In-Service Durability of Cyanate Esters by Near-IR Spectroscopy ERC Incorporated Total	ERC Incorporated	PO RS101154 & PO RS111044	Unknown	12.431	<u> </u>	<u>15,603</u> 15,603
Reverse Piezoelectric Behavior and Dynamics of Piezoelectric Ceramics Johns Hopkins University Total	Johns Hopkins University	W911NF-06-2-0006	W911NF-06-2-0006	12.R&D		<u>68,261</u> 68,261
Real-time Feature Detection and Threat Analysis with USRP SDR	Lockheed Martin Corporation Lockheed Martin	W15P7P-05-C- R002	N00014-11-C-0120	12.R&D	-	97,334
Behavioral Learning for Adaptive Electronic Warfare (BLADE) Lockheed Martin Corporation Total	Corporation	PO# 4100731260	HR0011-11-C-0033	12.R&D		<u>18,635</u> 115,969
Software PRodUcibility Collaboration and Evaluation Environment (SPRUCE) Lockheed Martin Energy Total	Lockheed Martin Energy	РО TT0706980/FA875 0-08-C-0064	FA8750-08-C-0064	12.800	<u> </u>	<u>(2,189)</u> (2,189)
Assessing and Monitoring Subtle Cognitive Markers Massachusetts Institute of Technology Total	Massachusetts Institute of Technology	5710003550/D13A P00008	Unknown	12.910		<u> 16,605</u> 16,605
Industrial Production Methods for Ultra-High-Strength Carbon Nanotube-Based Fibers Physical Science Incorporated Total	Physical Science Incorporated	W912HZ-13-P- 0023	W912HZ-13-P-0023	12.114		<u> </u>
Printed, Flexible Ultracapacitors Based on Novel, High-Performance Carbon Nanomaterials S12 Technologies, Inc. Total	S12 Technologies, Inc.	W15QKN-14-C- 0012	W15QKN14-C-0012	12.114		<u>60,452</u> 60,452
Characterization of Thermo-Mechanical Behavior, Microstructure Evolution, and Corrosion Resistance of A15083 Scientific Forming Technologies Corporation Total	Scientific Forming Technologies Corporation	N00014-09-C-0628	N00014-09-C-0628	12.R&D		(2,832) (2,832)
Face Reconstruction Scitor Corporation Total	Scitor Corporation	GS33013DRE05- 000	HC1047-05-D-4005	12.R&D	<u> </u>	<u> </u>
Seizing the Third Dimension in Correlated Oxide Thin Films Space and Naval Warfare Systems Center Pacific Total	Space and Naval Warfare Systems Center Pacific	N66001-12-1-4224	N66001-12-1-4224	12.910		<u>116,354</u> 116,354
Tsi-Navy Phase II: Smart Power Load-Leveling Control for Energy Efficient, Advanced Distribution Systems Techno Sciences, Inc. Total	Techno Sciences, Inc.	S39012DREXEL01	N00024-12-C-4131	12.R&D		<u> </u>
Artificial Oxide Heterostructures with Tunable Band Gap Temple University Total	Temple University	253388	FA9550-13-1-0124	12.800		<u>54,265</u> 54,265
Brain-Immune Interactions as the Basis of Gulf War Illness: Gulf War Illness Consortium Trustees of Boston University Total	Trustees of Boston University	4500001398	W81XWH-13-2-0072	12.420	<u>-</u>	<u> </u>

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Overhead Performance Tradeoffs in Distributed Wireless Networks: A Unifying Framework, Fundamental Limits, and Practical Controllers Materials in Extreme Environments (MEDE) Collaborative Research Alliance (CRA) University of Delaware Total	University of Delaware University of Delaware	28750 29613	FA9550-12-1-0086 W911NF-12-2-0022	12.800 12.630		210,001 165,503 375,504
Microbiology and Wound Healing Evaluations of Plasma Technology University of Miami Total	University of Miami	66543C	66543C	12.431		(1,493) (1,493)
WP21: Heterogeneous Robot Teams for Mapping 3-D Indoor Environments University of Pennsylvania Total	University of Pennsylvania	560858	W911NF-08-2-004	12.R&D		47,713 47,713
Simulation Methods for Design of Networked Power Electronics and Information Systems University of South Carolina Total	University of South Carolina	10-1795	00014-10-1-0625	12.300		<u> </u>
Development of Detailed and Reduced Kinetic Mechanisms for Surrogates of Petroleum-Derived and Synthetic Jet Fuels: Phase II University of Southern California Total	University of Southern California	FA9550-11-1-0217	FA9550-11-1-0217	12.800		<u>80,309</u> 80,309
Performance Estimation and Optimization of REDHAWK SDR Applications (HAWKNEST) Performance Estimation and Optimization of REDHAWK SDR Applications: Task2 Ventura Solutions, Inc. Total	Ventura Solutions, Inc. Ventura Solutions, Inc.	1044-20 1044-20/TTO13-01	H98230-11-C-0781 H9823011C0781	12.R&D 12.R&D		9,240 50,561 59,800
Ionic Liquids in Electroactive Devices (ILEAD) Virginia Polytechnic Institute Total	Virginia Polytechnic Institute	CR-19378-430286	W911NF0710452	12.431		<u>(601)</u> (601)
12 - US Department of Defense						1,872,515
Real Crime in Virtual Worlds Educating Stakeholders about Crimes Committed Using Handheld Devices	Drakontas, LLC Drakontas, LLC	DRAK-DREXEL- 2011-01 DRAK-DREXEL- 2011-02	2009-D2-BX-K005 2011-BE-BX-K001	16.R&D 16.752	-	26,702
Drakontas, LLC Total 2009/2011 JG Pennsylvania Mental Health and Justice Center of Excellence	Pennsylvania Commission on Crime and Delinquency Pennsylvania Commission	2009/2011-JG- 06/03-22751 2011/2012-JG/MH-	87.5% 2009-DJ-BX-1063; 12.5% 2011-DJ-BX-2218 80% 2011-DJ-BX-2218;	16.738	- 52,870	97,121
Center for Pennsylvania CJ Programs Pennsylvania Commission on Crime and Delinquency Total	on Crime and Delinquency	03ST-24923	20% 2013-DJ-BX-0025	16.738	52,870	<u>1,699</u> 133,209
16 - US Department of Justice					52,870	230,330
Bridge Superstructure Tolerance to Total and Differential Foundation Movements National Academy of Science Total	National Academy of Science	HR 12-103	DTFH61-08-H-000035	20.2 R&D	<u>473</u> 473	<u>1,392</u> 1,392
Support for the Long Term Bridge Performance Project Pennoni Associates, Inc. Total	Pennoni Associates, Inc.	FHWA13001-01	DTFH61-12-D-00030-T- 13001	20.2 R&D		4,820
Long-Term Bridge Performance (LTBP) Program: BRIDGE ASSESSMENT USING UNMANNED AERIAL SYSTEMS Rutgers University Total	Rutgers University	4-36773-10223	DTFH61-08-C00005	20.2 R&D		<u> </u>
20 - Department of Transportation					473	12,535
Scenario-Based Verification and Validation of Autonomy and Authority Georgia Institute of Technology Total	Georgia Institute of Technology	RD368-G2	NNX13AB71A	43.002		<u>90,269</u> 90,269
SpIES: The Spitzer-IRAC Equatorial Survey Jet Propulsion Laboratory (NASA) Total	Jet Propulsion Laboratory (NASA)	NNN12AA01C	NNN12AA01C	43.008		<u> </u>

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
2013 NASA RASC-AL National Institute of Aerospace Total	National Institute of Aerospace		Unknown	43.008		(10,502) (10,502)
NASA Pennsylvania Space Grant Consortium NASA Pennsylvania Space Grant Consortium: Seed Grant Higher Education Projects	Penn State University	4498-DU-NASA- K74H 4205-DU-NASA-	Unknown	43.008	-	12,958
and Research Infrastructure NASA Pennsylvania Space Grant Consortium: Seed Grant Higher Education Projects and Research Infrastructure Penn State University Total	Penn State University Penn State University	K74H 4197-DU-NASA- K74H	NNX10AK74H NNX10AK74K	43.001 43.001		748 (748) 12,958
Using X-Rays to Test for Black Hole Mass Biases Smithsonian Astrophysical Observatory Total	Smithsonian Astrophysical Observatory	NAS8-03060	NAS8-03060	43.001	<u>_</u>	<u>31,969</u> 31,969
43 - National Aeronautics and Space Administration						237,336
NJ 319 Wetlands 2010 Development & Implementation of an Integrated Tidal Wetlands Monitoring/Assessment Program Continuation of the Integrated Tidal Wetlands Monitoring and Assessment Program in the Barnegat Bay and Delaware Estuaries (New Jersey-Coastal Plan Region)	Barnegat Bay National Estuary Program Barnegat Bay National Estuary Program Barnegat Bay National Estuary Program	RP10-105 PO#B0005190 USEPAREGION2F Y10WPDG/P-FILE	RP10-105 BBP-FY09 EPA WPDG - 02 BBP FY10 EPA WPDG- 02	66.460 66.461 66.461	-	11,163 (149) <u>27,869</u>
Barnegat Bay National Estuary Program Total Housatonic 2012	General Electric	PO#111168426	Unknown	66.R&D	-	38,883
General Electric Total		10#11100420	Chikhowh	00.1100		335
The Center for Advancing Microbial Risk Assessment Michigan State University Total	Michigan State University	61-3383B	RD-83236201	66.509		(29,075) (29,075)
Montana DEQ 2011 To 1 Montana Department of Environmental Quality Total	Montana Department of Environmental Quality	CONTRACT#21113 5	I-97889201-0	66.419	<u>-</u>	<u>13,161</u> 13,161
NJ Lakes Diatom Indices 2012 New Jersey Sea Grant Consortium Total	New Jersey Sea Grant Consortium	SR12-005	4810-030-3610-FY12	66.605	<u> </u>	<u>33,944</u> 33,944
PA Stream Periphyton - PA DEP 2013 QA 9 Samples PA Department of Environmental Protection Total	PA Department of Environmental Protection	EMAIL 4/10/2013	Unknown	66.419		4,227 4,227
Development & Implementation of an Integrated Tidal Wetlands Monitoring/Assessment Program	Partnership for the Delaware Estuary		CD-97225909-0	66.461	-	(1,547)
Importance of Ribbed Mussels for Salt Marsh Climate Adaptation and Water Quality Continuation and Expansion of an Integrated Tidal Wetlands Monitoring and	Partnership for the Delaware Estuary	PDE 168-03	CD-972259-09	66.461	-	30,324
Assessment Program in the Barnegat Bay and Delaware Estuaries (New Jersey - Coastal Plan Region)	Partnership for the Delaware Estuary Partnership for the	PDE-210-01	CD-97207600-0	66.461	-	36,359
Bivalves as Biosentinels of Microbial Water Quality in the Mid-Atlantic Region Partnership for the Delaware Estuary Total	Delaware Estuary	PDE#212-02	PR-ORD-12-03447	66.517		<u>26,082</u> 91,219
Characterization of Phytoplankton Functional Taxonomic Groups in Relation to Juvenile Hard Clam Production in the Barnegat Bay r Little Egg Harbor Rutgers University Total	Rutgers University	#4796	CE98212311-2,3	66.456	<u>-</u>	<u> </u>
Taxonomic Identification and Enumeration of Freshwater Algae - Maine DEP State of Maine, Department of Environmental Protection Total	State of Maine, Department of Environmental Protection	06A20121113*1905	BG-99182903	66.605	<u>-</u>	<u>45,321</u> 45,321
Delaware River Main Channel Deepening Project Delaware Bay, New Jersey and Delaware Preconstruction Oyster Monitoring Study Versar Total	Versar	PO#008430	W912BU-12-C-0020	66.707	<u>-</u>	<u>20,297</u> 20,297

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Nevada DEP QAQC Periphyton Macroinvert with WWA Water Assessment Association Total	Water Assessment Association	AGREEMENT DATED 4/19/13	I-97972813	66.419	<u>-</u>	<u> </u>
66 - US Dept of Environmental Protection Agency Advanced Damage Tolerant Ceramics: Candidates for Nuclear Structural Applications Battelle Total	Battelle	00098778	DE-AC07-05ID14517	81.049		224,148 616 616
On the Response of the MAX Phases to Neutron Irradiation Battelle Energy Alliance, LLC Total	Battelle Energy Alliance, LLC	00090309	DE-AC07-05ID14517	81.049		<u> 22,016 </u> 22,016
Novel Electro-Deoxygenation Process for Bio-oil Upgrading Ceramatec Total	Ceramatec	LETTER DATED 5/23/14	DE-EE0006288	81.087		<u> </u>
Reliable, Practical Kilowatt-class Cryogenics for Superconducting Devices Clever Fellows Innovation Consortium, Inc. Total	Clever Fellows Innovation Consortium, Inc.	DOE3.1 / DE- 0E000528	DE-0E000528	81.049		<u>(533)</u> (533)
Biological Systems Research on the Role of Microbial Communities in Carbon Cycling Kent State University Total	Kent State University	440661-DREX	DE-SC0004335 PRIME	81.049	<u> </u>	47,762
New Layered Nanolaminates for use in Lithium Battery Anodes Lawrence Berkeley National Labs Total	Lawrence Berkeley National Labs	NO.6951370/DE- AC02-05CH11231	DE-AC02-05CH11231	81.049	<u>-</u>	<u> </u>
Vaccination Mandates for Healthcare Professionals - An Evaluation of How Ethical Concerns Impact Implementation Oak Ridge Institute for Science and Education Total	Oak Ridge Institute for Science and Education	301581	DE-AC05-06OR23100	81.R&D	4,031 4,031	<u> </u>
Energy Frontier Research Center for Fluid Interface Reactions, Structures and Transport (EFRC-FIRST) Support for the (EFRC-FIRST) Energy Frontier Research Center for Fluid Interface	Oak Ridge National Laboratory/Dept of Energy Oak Ridge National	4000085877	DE-AC05-000R22725	81.049	-	397,316
	Laboratory/Dept of Energy	4000086424	DE-AC05-000R22725	81.049		<u>(823)</u> 396,493
The Greater Philadelphia Regional Innovation Cluster for Energy Efficient Buildings Navy Yard Network Operations Center: An Innovative Energy Management Workforce	Penn State University	4342-DU-DOE- 4522B-DU-ORF-	DE-EE0004261	81.086	-	404,537
Development and Education Opportunity Penn State University Total	Penn State University	4261	DE-EE0004261	81.086		<u>3,195</u> 407,732
Development of Plasma Technology for Water Management of Frac/Produced Water Research Partnership to Secure Energy for America Total	Research Partnership to Secure Energy for America	DE-AC26- 07NT42677	DE-AC26-07NT42677	81.049	<u> </u>	<u>668,802</u> 668,802
Development of LWR Fuels with Enhanced Accident Tolerance Sevannah River Nuclear Solutions, Inc Total	Savannah River Nuclear Solutions, Inc	DE-AC09- 08SR22470 - 0000105861	DE-AC09-08SR22470	81.049		<u> </u>
High-Current Low-Cost Efficient Power Transistors for Household Appliances SMI, Inc. (Structured Materials Industries, Inc) Total	SMI, Inc. (Structured Materials Industries, Inc)	DOE# DE-FG02- 13ER90633	DE-FG02-13ER90633	81.049		<u> </u>
Development of Electrode Architectures for High Energy Density Electrochemical Capacitors The Regents of the University of California Total	The Regents of the University of California	0190-S-NB929	Unknown	81.049		<u> </u>
Fission Product Transport in TRISO Particle Layers under Operating and Off-Normal Conditions University of Michigan Total	University of Michigan	3001805462/00103 195	Unknown	81.049	<u>-</u>	<u> </u>
The influence of Electrolyte Structure and Electrode Morphology on the Performance of lonic-Liquid Based Supercapacitors University of Utah Total	University of Utah	10013311-DREXEL	DE-SC-00019-12	81.049	<u>-</u>	(2,234)
81 - US Department of Energy					4,031	2,101,458

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Partner for Prevention(P4P): A Whole School Approach to Peer Aggression & Bullying Children's Hospital of Philadelphia Total	Children's Hospital of Philadelphia	327251	R305A130175	84.305	<u> </u>	<u> </u>
Raising Interest in STEM Education (RISE) in Community College of Philadelphia Community College of Philadelphia Total	Community College of Philadelphia	P120A130035	Unknown	84.120		<u> </u>
APLI School Leadership Evaluation Program Lehigh University Total	Lehigh University	542344-78003	U363A100069	84.363		<u>58,108</u> 58,108
Economic Analysis of the Contributions of Immigrant Professionals Nova Research Company Total	Nova Research Company	ED-08-DO-0057	ED-08-DO-0057	84.015	<u> </u>	<u>85,910</u> 85,910
Cross Cultural Training for United States and European Union Students San Diego State University Total	San Diego State University	56404AP40127802 211	P116J100047-Action 1	84.116	<u> </u>	<u> </u>
Factors Associated with Positive Outcomes for Children, Youth, with Autism: Secondary Analysis of Data from SEELS and NLTS2. SRI International Total	SRI International	51-001293	R324A120012	84.324		7,677
Program evaluation of Physical Therapy in Schools University of Kentucky Research Foundation Total	University of Kentucky Research Foundation	R324A110204	R324A110204	84.324		<u>34,652</u> 34,652
Fusing Green Energy into Manufacturing Engineering Education to Cultivate Technical Success and Leadership Excellence Among Hispanic Engineering Students University of Texas at El Paso Total	University of Texas at El Paso	2014055636	P031S120131	84.031		<u>135,875</u> 135,875
84 - US Department of Education						367,029
Medical Home Initiative American Academy of Pediatrics Total	American Academy of Pediatrics	SUB DATED 6/12/14	Award Dated 10/1/2011	99.R&D		<u> </u>
DRBC Coring- Woodbury Creek Delaware River Basin Commission Total	Delaware River Basin Commission	052010	Unknown	99.R&D		<u>652</u> 652
USGS: Barnegat Bay Sediment Analysis NJ Dept of Environmental Protection Total	NJ Dept of Environmental Protection	PO7683860	424850/B008/7W106CX X	99.R&D	<u>-</u>	<u> </u>
Using Spatial Visualization Training to Enhance Retention in Engineering Stevens Institute of Technology Total	Stevens Institute of Technology	AWARD LTR DTD 08/20/12	Letter Dated 8/20/12	99.R&D	<u>-</u>	<u> </u>
99 - Unknown Agency						20,580
Other Federal Research and Development Awards from Pass-Through Grantors (excluding ARRA funds) Total					\$ 57,375	\$ 5,758,247
Smart Future Greater Philadelphia: Promoting Innovation, Opportunity and Sustainability Through Smart Grid Technology PECO Total	PECO	LETTER DATED 6/10/10	DE-OE0000207	81.122		<u>(77,367)</u> (77,367)
Other Federal Research and Development Awards from Pass-Through Grantors - ARRA Funds Total					<u>\$ -</u>	\$ (77,367)
Other Federal Research and Development Awards from Pass-Through Grantors Grand Total					\$ 57,375	\$ 5,680,880

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards Direct Federal Awards For Other Programs - Schedule E For the Year Ended June 30, 2014

Program Title	Grantor	Agency Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Supermarket Management 10 - US Department of Agriculture	US Department of Agriculture	CO-CR-13-012	10.962	<u> </u>	<u>41,794</u> 41,794
ACIN - Applied Communications and Information Networking Program Mgmt - GM & Camden Center Senior Design, NavAir Systems Command, AUTOMATED NETWORKED	Department of Army	DAAB07-01-9-L504	12.OSP	-	411,533
TRANSPORT SWARM (ANTS) -HARDWARE 12 - US Department of Defense	Naval Air Systems Command	AWARD DTD 2/9/2012	12.560		<u>(5,484)</u> 406,049
Wisconsin MMSD Fall 2011 15 - US Department of the Interior	United States Geological Survey		15.8 OSP		<u> </u>
Improving Intervention Services for Violently Injured Victims 16 - US Department of Justice	US Department of Justice	2011-VF-GX-K019	16.582	67,895 67,895	<u>227,980</u> 227,980
Summer Institute for European Student Leaders (2010) 19 - US Department of State	US Department of State (USIA)	S-ECAAE-10-CA-122(JY)	19.009	-	(356) (356)
Partners in School Improvement: Drexel University and the School District of Philadelphia L21-Programs to Build Institutional Capacity CVDI: Cooperative Agreement between IMLS and Drexel University in support of the		RE-01-10-0017-10 RE-05-12-0052-12	45.313 45.313	- 59,334	132,722 130,723
Center for Visual and Decision Informatics 45 - Institute of Museum and Library Sciences	Institute of Museum and Library Sciences	LG-00-11-0355-11	45.312	- 59,334	<u>32,491</u> 295,936
The Drexel University Noyce Scholarship Program (DUNS) GOALI: Design and Manufacturing of Bioactive Implanted Surgical Fixation Devices	National Science Foundation	DUE-0434108	47.076	-	1,304
Using Injection Molding of Gradient Cellular Structures RAPID: Supporting Haitian Infrastructure Reconstruction Decisions with Local	National Science Foundation	CMMI-0800735	47.041	-	(3,919)
Knowledge (ACVA2010)-Workshop on Applications of Computer Vision and Archeology Gender and Science Proficiency for English Language Learners IPA-NSF CMMI-SMM Program Director Collaborative Research: International: US-Brazil-From Local to Global-Multi-Robot	National Science Foundation National Science Foundation National Science Foundation National Science Foundation	CBET-1032184 IIS-1034594 HRD-1036658 CMMI-1118569	47.041 47.070 47.076 47.041	- - -	277 (24) (21,202) 144,434
Systems for Large Scale Cooperative Tasks Probability and Analysis 2012 NSF CISE Career Workshop Student Travel For PerMIS 2012 Greater Philadelphia Region LSAMP Bridge to the Doctorate (Cohort X) Project Workshop: Executive Leadership in Academic Technology and Engineering	National Science Foundation National Science Foundation National Science Foundation National Science Foundation National Science Foundation	OISE-1131011 DMS-1140747 IIS-1227966 IIS-1230469 HRD-1249177	47.079 47.049 47.070 47.070 47.070	- - - 374,421	1,608 3,502 (2,601) 3,395 375,523
(ELATE), Winter 2012-Spring 2013, Philadelphia, PA 47 - National Science Foundation	National Science Foundation	CBET-1213464	47.041	374,421	7,125 509,422

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards Direct Federal Awards For Other Programs - Schedule E For the Year Ended June 30, 2014

Program Title	Grantor	Agency Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Enhancement in Online Laboratory Learning	US Department of Education	P116B060122	84.116		(28,384)
Transition to Teaching Eastern and Southern Partnership (TESP)	US Department of Education	U350C070007	84.350	(333)	35,398
GAANN: Engineering Problems in Pharmaceutical Application (GAANN-EPPA)	US Department of Education	P200A090118	84.200	-	66,599
GAANN for Renewable Energy Technologies and Infrastructure Network	US Department of Education	P200A100117	84.200	-	152,718
GAANN: Interdisciplinary Training in Mechanical Engineering and Science	US Department of Education	P200A100145	84.200	-	47,140
GAANN: DREAMS	US Department of Education	P200A100134	84.200	-	143,391
GAANN 2012: Bioinformatics of Infectious Diseases	US Department of Education	P200A120161-13	84.200	-	162,655
GAANN BIOMSE: Innovative Biomaterials	US Department of Education	P200A120103-14	84.200		106,988
84 - US Department of Education				(333)	686,505
Targeting the DNA Damage Response for the Treatment of Herpes Simplex Labialis	National Institutes of Health Health Resources & Services	1F31DE024006-01	93.121	-	28,942
Nurse Anesthetist Traineeships	Administration	1A22HP24497-01-00	93.124	-	9,782
Part D Grants for Coordinated HIV Services	Department of Health and Human	H12HA24847-01-00	93.153	-	314,706
Self-regulatory control and eating: a neuroimaging study of bulimia nervosa	National Institute of Mental Health	1F31MH097406-02	93.242	-	29,099
Regulation of Kinesin-5 during Neuronal Development: Studies on Dendrites	National Institutes of Health Substance Abuse & Mental Health	1F31MH101974-01A1	93.242	-	23,416
Youth Suicide Prevention in Primary Care	Services Administration	SERVICE AGRMT DTD 2/24/2014	93.243	-	101,681
	U.S. Department of Health & Human	00514/1444000 00 00	~~~~~		004.047
Philadelphia UJIMA Coalition for a Healthier Community - Phase 2 Faculty Development Integrated Technology Into Nursing Education and Practice	Services Health Resources & Services	CCEWH111020-03-00	93.290	-	324,017
Initiative	Administration	5U1KHP09542-03-00	93.359	_	18,199
Hepatitis B Virus X Protein Modulation of Calcium Signaling in HCC Development	National Cancer Institute	1F31CA171850-03	93.398		36,853
HBx Regulation of mRNA-Mediated mRNA Silencing in HCC Development	National Cancer Institute	1F31CA171712-03	93.398	-	38,980
Understanding Role of O-GIcNAcylation on Cancer Cell Metabolism and Survival GUIDing Evidence Based Therapy Using Biomarker Intensified Treatment (CCC) in	National Institutes of Health	1F31CA183574-02	93.398	-	24,041
Heart Failure Targeting the DNA Damage Response Pathway for the Treatment of HSV	National Heart, Lung, and Blood Institute National Institute of Diabetes & Digestive	R01HL105448 GUIDE-IT 122	93.837	-	1,300
Esophagitis Development and Characterization of Novel, Three-Dimensional Human Primary	& Kidney Diseases	1F30DK094612-02	93.847	-	35,886
Pancreatic Epithelial Ducts in a Pancreatitis Model	National Institutes of Health National Institute of Neurological Disorders	1F30DK088402-04	93.847	-	36,232
Biological Bases of Nervous Systems Disorders	& Stroke National Institute of Allergy & Infectious	5T32NS007440-11	93.853	-	(49,688)
The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles The Role of Rab6A in HIV-1 Env-mediated Entry into Monocyte-Derived	Diseases National Institute of Allergy & Infectious	1F31AI108485-01	93.855	-	43,353
Macrophages	Diseases	5F31AI110327-02	93.855	-	12,829
Aging and Place: Neighborhoods and Health in a World Growing Older	National Institute on Aging	1R13AG039913-01A1	93.866	-	(283)
Astrocyte senescence in HIV-associated neurocognitive disorders	National Institute on Aging	5F30AG043307-02	93.866	-	34,634
The effect of juvenile protective programs on protein aggregation during aging	National Institute on Aging Health Resources & Services	1R36AG045411-01	93.866	-	38,408
HIV Early Intervention Service Program	Administration Health Resources & Services	H76HA00179-16-00	93.918	42,040	721,898
HIV Early Intervention Service Program Scholarships for disadvantaged student continuing the tradition of access and quality	Administration Health Resources & Services	H76HA00179-17-01	93.918	-	97,759
for graduate physician assistant	Administration Health Resources & Services	5 T08HP25222-02-00	93.925	-	429,074
Scholarships for disadvantaged students for graduate couple and family therapy	Administration	5 T08HP25223-02-00	93.925		163,070
93 - U.S. Department of Health & Human Services	Corporation for National and Community			42,040	2,514,190
FY2009 Learn and Serve Grant	Service	09LHAPA001	94.005	(7.380)	(7,530)
94 - Corporation for National and Community Service				(7,380)	(7,530)
Direct Federal Awards for Other Programs (excluding ARRA) Total				535,977	4,674,006
RECOVERY: The Drexel University Noyce Scholarship Program - Phase II MRI-R2: Acquisition of an X-ray Photoelectron Spectroscopy (XPS) Surface Analysis	National Science Foundation	DUE-0934809	47.082	-	89,023
Instrumentation for Enabling Research and Education in Greater Philadelphia	National Science Foundation	CBET-0959361	47.082		52.186
MRI-R2: Acquisition of a GPU-accelerated High-Performance Computing Cluster	National Science Foundation	AST-0959884	47.082	-	42,642
ARI Entomology Renovation	National Science Foundation	DBI-0963474	47.082	-	7,727
47 - National Science Foundation - ARRA and	National Science Foundation	001-0303474	47.002	-	1,121
Direct Federal Awards for Other Programs - ARRA Total					191,577
Direct Federal Awards for Other Programs Grand Total				535,977	4,865,583

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Nutrition Outreach in Philadelphia Public Schools Penn State University Total	Penn State University	4294-DU-COP-8692	Unknown	10.580		<u>1,547,669</u> 1,547,669
10 - US Department of Agriculture					-	1,547,669
2012 Anacostia Consulting CH2M Hill Total	CH2M Hill	PO#948061	N62470-08-D-1000	12.OSP		<u>(808)</u> (808)
Development of a Fieldable Brain Trauma Analyzer Engineering Acoustics, Inc. Total	Engineering Acoustics, Inc.	12010092	W911NF-11-C-0057	12.OSP	<u> </u>	<u>30,754</u> 30,754
Novel Standoff Detection of Material Damage Precursors for Structural Health Monitoring and Prediction Princeton Nanotechnology Systems Total	Princeton Nanotechnology Systems	W911QX-13-C-0150	W911QX-13-C-0150	12.OSP	<u> </u>	<u>26,994</u> 26,994
Simulink modeling of a notional shipboard system for sensor data generation Technical Documentation, Inc. Total	Technical Documentation, Inc.	LETTER DATED 10/28/13	N00014-13-C-0118	12.0SP	<u> </u>	<u>20,971</u> 20,971
Phase 2: Controlled Release of Topic Nitric Oxide for Treatment Cutaneous Injuries Zeomedix, Inc. Total	Zeomedix, Inc.	DTD 6/5/2011	W81XWH-11-C-0031	12.OSP	<u> </u>	<u>52,027</u> 52,027
12 - US Department of Defense				•	-	129,938
A Place-Based, Planning Approach to Public Safety and Community Development in Mantua Mount Vernon Manor Total	Mount Vernon Manor	2012-AJ-BX-0003	BJA-2012-3297	16.817	<u> </u>	<u> </u>
16 - US Department of Justice					-	10,199
Pre-Academic Program for Fulbright Grantees 2013 Pre-Academic Program for Fulbright Grantees English for	Institute of International Education	LETTER 04/21/2011	Unknown S-ECAGD-13-CA-017	19.009	-	(20,677)
Graduate Studies Six-Week English Language Certificate Program for High School	Institute of International Education	S-ECAGD-13-CA-017 (MJ) AGREEMENT DTD	(MJ)	19.009	-	132,085
English Teachers from Brazil Four-West Fulbright English For Graduate Students Institute of International Education Total	Institute of International Education Institute of International Education	11/29/2012 S-ECAGD-14-CA-017	Unknown S-ECAGD-14-CA-017	19.009 19.009		(9,499) <u>1,267</u> 103,176
19 - US Department of State				•	-	103,176
FED12-001-NFPF Dolan Film Conservation National Film Preservation Foundation Total	National Film Preservation Foundation	FED12-001	Unknown	42.002		<u> </u>
42 - Library of Congress				•	-	1

Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Computing Research Association	CIF - 158	Unknown	47.070		<u>(5,770)</u> (5,770)
Council of Graduate Schools	1138814	HRD-1138814	47.076	<u>-</u>	<u> </u>
				-	9,774
PA Department of Environmental Protection		CR-83389801-0	66.511	<u>-</u>	<u> </u>
			•	-	63
JBS International	HSP23320095638	Unknown	84.002		<u>3,460</u> 3,460
PA Department of Education	117558	071-800020	84.367	73,286 73,286	<u>166,289</u> 166,289
Philadelphia School District	PROJECT 075-13-0335	S366B120039	84.366	<u>-</u>	<u>40,821</u> 40,821
The College Crusade of Rhode	P334S110008	P334S110008	84.334		<u>111,087</u> 111,087
				73,286	321,657
Aids Activities Coordinating Office Aids Activities Coordinating Office	1220367-01 1220367-02 SA3010 1220367-02 SA3015 1220367-02 SA3011 1120632-01 LETTER 8/24/07 03-20730 R3933 AWARD DTD 2/23/2012 R8339 RS2974 RS2845 R2587 R2588 RS3933 R3619 R3339 RS3845 R3588 R3587 R53974	5U79SM060705 5U79SM060705 5U79SM060705 5U79SM060705 1U65PS003269 H89H40013 Unknown Unknown H8917A0013 H8917A0013 H8917A0013 H8917A0013 Unknown Unknown H89HA0013 H89HA0013	93.243 93.914 93.914 93.243 93.523 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914		138,209 32,173 103,055 51,181 10,120 1,001 (493) 1,172 851 (156) (152) (32,320) (5,788) (7,603) 146,679 122,293 (2) 231,897 526,578
	Computing Research Association Council of Graduate Schools PA Department of Environmental Protection JBS International PA Department of Education JBS International PA Department of Education Philadelphia School District The College Crusade of Rhode Aids Activities Coordinating Office Aids Activities Coordinating Office	Computing Research Association CIF - 158 Council of Graduate Schools 1138814 PA Department of Environmental Protection 1138814 JBS International HSP23320095638 PA Department of Education 117558 Philadelphia School District PROJECT 075-13-0335 The College Crusade of Rhode P334S110008 Aids Activities Coordinating Office Aids Activitites Coordinating Office Aids Activities Coo	Computing Research Association CIF 158 Unknown Council of Graduate Schools 1138814 HRD-1138814 PA Department of Environmental Protection CR-83389801-0 JBS International HSP23320095638 Unknown PA Department of Education 117558 071-800020 Philadelphia School District PROJECT 075-13-0335 S366B120039 The College Crusade of Rhode P334S110008 P334S110008 Aids Activities Coordinating Office Atds Activities Coordinating Office Atds Activities Coordinating Office Adds Activities Coordinating Office RS333 120367-02 SA3010 10/ESPS003269 Adds Activities Coordinating Office Adds Activities Coordinating Office Adds Activities Coordinating Office RS3393 110/R00013 10/R00013 Adds Activities Coordinating Office Adds Activities Coordinating Office Adds Activities Coordinating Office RS3393 148917A0013 14	Pass Through GrantorAgency NumberFederal ID NumberNumberComputing Research AssociationCIF - 158Unknown47.070Council of Graduate Schools1138814HRD-113881447.076PA Department of Environmental ProtectionCR-83389801-066.511JBS InternationalHSP23320095638Unknown84.002PA Department of Education117558071-80002084.367Philadelphia School DistrictPROJECT 075-13-0335S366B12003984.366The College Crusade of RhodeP334S110008P334S11000884.334Aids Activities Coordinating Office Aids Activities Coordinating Office R329741UB5PS003289 R32914 R33914 Aids Activities Coordinating Office R32974 R3393 Unknown R33914 Aids Activities Coordinating Office R32974 R3393 R33914 Aids Activities Coordinating Office R32974 R3393 R33914 Aids Activities Coordinating Office R3	Pass Through GrantorAgency NumberFederal ID NumberNumberExpendituresComputing Research AssociationCIF - 158Unknown47.070Council of Graduate Schools1138814HRD-113881447.076PA Department of EnvironmentalCR-83389801-066.511PA Department of EnvironmentalKSP2320095638Unknown84.002JBS InternationalHSP23320095638Unknown84.002PA Department of Education117558071-80002084.36773.286Philadelphia School DistrictPROJECT 075-13-0335S366B12003984.364The College Crusade of RhodeP334S110008P334S11000884.334Adds Activities Coordinating Office1220367-02 SA30105U79EM06070593.243-Adds Activities Coordinating Office1220367-015U79EM06070593.243-Adds Activities Coordinating Office1220367-02 SA30105U79EM06070593.243-Adds Activities Coordinating Office1220367-

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Care Services Case Management	Aids Activities Coordinating Office	R4339	Unknown	93.914	-	56,295
Ambulatory/Out-Patient Medical Care	Aids Activities Coordinating Office	R4619	Unknown	93.914	-	66,527
Ambulatory/Outpatient Medical Care	Aids Activities Coordinating Office	R4587	H89HA0013	93.914	-	266,087
Care Services Case Management	Aids Activities Coordinating Office	R4588	H89HA0013	93.914	-	97,493
Health Education - CRCS	Aids Activities Coordinating Office	RXA3112 AND RXB3112	Unknown	93.917	-	(88)
Health Education - CRCS	Aids Activities Coordinating Office	RXB3112	Unknown	93.917	-	(292)
Health Education - HERR	Aids Activities Coordinating Office	RXA3113 AND RXB3113	Unknown	93.917	-	(79)
Health Education - HERR	Aids Activities Coordinating Office	RXB3113	Unknown	93.917	-	(279)
Protect and Respect HERR/HIV+FY13	Aids Activities Coordinating Office	S3475	Unknown	93.917	-	1,428
CRCS - Part I	Aids Activities Coordinating Office	RXA4112	Unknown	93.917	-	47,780
CRCS (Part II- 3 months	Aids Activities Coordinating Office	RXB4112	Unknown	93.917 93.917	-	15,926
HERR- (Part I-9 months)	Aids Activities Coordinating Office	RXA4113	Unknown		-	45,372
HERR - Health Education Risk Reduction	Aids Activities Coordinating Office	RXB4113 C1225	Unknown 5U6285003645	93.917 93.940	-	14,400 1.118
AACO continuation for yr 2011 CDC Prevention Locally Developed Interventions	Aids Activities Coordinating Office Aids Activities Coordinating Office	CPA2022	Unknown	93.940	-	(351)
HIV Screening and Testing in Health Care Settings	Aids Activities Coordinating Office	CPA2022 CPA2021	Unknown	93.940	-	(1.087)
High Impact HIV Prevention Services	Aids Activities Coordinating Office	CPA2021 CPB2003	5U62PS003645	93.940	-	(1,087)
High Impact HIV Prevention Services	Aids Activities Coordinating Office	CPB3003	5U62PS003645	93.940		67,934
HIV Screening & Testing in HealthCare Setting	Aids Activities Coordinating Office	CPA3021	Unknown	93.940		27.801
Locally Developed Interventions	Aids Activities Coordinating Office	CPA3022	Unknown	93.940		49.684
High Impact HIV Testing in Health Care Settings	Aids Activities Coordinating Office	CPB4003	5U62PS003645	93.940	-	58.179
HIV Screening & Testing in HealthCare Setting	Aids Activities Coordinating Office	CPA4021	Unknown	93.940	-	25.167
Health Resource Center-Edison FY14	Family Planning Council	143007	Unknown	93.217	-	637
Health Resource Center-Mastbaum FY14	Family Planning Council	143006	Unknown	93.217	-	259
Behavioral Surveillance Supplement: YMSM CDC study	Aids Activities Coordinating Office	B4004	Unknown	93,940	-	42.501
Aids Activities Coordinating Office Total	· · · · · · · · · · · · · · · · · · ·			···· ·	-	2,198,273
Medical Home Initiative	American Academy of Pediatrics		Unknown	93.994	-	10,275
American Academy of Pediatrics Total					-	10,275
	Association of State and Territorial					
National Vaccine Plan Stakeholders Meeting	Health Officials	EMAIL DATED 12/16/11	Unknown	93.OSP	-	6,179
Association of State and Territorial Health Officials Total					-	6,179
Novel therapies to improve renal and cardiac allograft outcomes						
Rituximab (CTOT-11)	Brigham and Women's Hospital	AGMT DTD 10.28.2013	U01AI063623 5R01HL091069-03	93.855	-	37,608
PRE-DETERMINE: Biologic Markers and MRI SCD Cohort Study	Brigham and Women's Hospital	5R01HL091069	REVISED	93.837	-	900
Brigham and Women's Hospital Total					-	38,508
Comprehensive Health Care Services for Persons Less Than 21						
Years (Sickle Cell Disease) Per Case Reimbursement and Workload Intensity: NIH COG Chair	Children's Hospital of Philadelphia	22001-04-01	Unknown	93.994	-	4,675
Grant	Children's Hospital of Philadelphia	U10CA098543	U10CA098543	93.395	-	71,749
Comprehensive Health Care Services for Persons Less Than 21	· · · · · · · · · · · · · · · · · · ·	22001-04-				, -
Years (Sickle Cell Disease)	Children's Hospital of Philadelphia	01/SAP#4100059218	Unknown	93.994	-	202,511
Children's Hospital of Philadelphia Total					-	278,935
			CDC-RFA-DP11-			
Community Transformation Grant - Smoke-Free Housing Evaluation	City of Philadelphia	1220512 CONTRACT NUMBER 13-	1103PPHF11	93.531	-	112,531
Caring Together	City of Philadelphia	20510	Unknown	93.959	-	(180,104)
Caring Together	City of Philadelphia	13-20510-01	Unknown	93.959	-	23,175
Caring Together	City of Philadelphia	DTD 07/07/2011	Unknown	93.959	-	(122,859)
City of Philadelphia Total				-	-	(167,257)

Circle of Care 126304Family Planning Council126304H12HA00059-22-0093.217-3.378Family Planning Program - Women's Care Center Contract #1202016 FPHPA030217-40-0093.217-(50,409)Assistant Case ManagementFamily Planning Council1202016 FPHPA030217-41-0093.217-(2,802)Expanding Reproduction and Preconception Healthcare Services toFamily Planning CouncilCONTRACT #1363025 FPHPA030217-41-0093.217-1,107FY13 School Based Health Resource Center - Mastbaum High SchoolFamily Planning Council132407 MASTBAUM5 FPHPA030217-41-0093.217-481FY13 School Based Health Resource Center - Letion High SchoolFamily Planning Council132407 MASTBAUM5 FPHPA030217-41-0093.217-62,5645)FY13 Drexel Women's CareFamily Planning Council1363015 FPHPA030217-41-0093.217-62,5645)FY14 School Based Health Resource Center - Services toFamily Planning Council1362015 FPHPA030217-41-0093.217-62,5645)FY13 Drexel Women's CareFamily Planning Council1362015 FPHPA030217-41-0093.217-62,5645)FY14 Integrating Routine HIV Testing and Linkage to HIV Care andFamily Planning Council1440021 FPHPA006110-01-0093.217-16,292FY14 Integrating Routine HIV Testing and Linkage to HIV Care andFamily Planning Council1440021 FPHPA006110-01-0093.217-65,054HIV-CTRS Expansion in Family Planning Programs FY-14<	Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
Control Control <t< td=""><td>Genomic and Proteomic Network for Preterm Birth Research Case</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Genomic and Proteomic Network for Preterm Birth Research Case						
Multicine: Matemal Frait Mediane, Lind Columba Columba Unit HD050000 93.865 - (49.50) Analysis as an Adjunt to Estimated Mediane of Ferrinatal Hypert, Ischeret Antholity, Proveninger Fraital Hypert, Ischeret Antholity, Michael Placebo, Columba University		Columbia University	U01 HD050080	U01 HD050080	93.865	-	22.630
Prevention of Perinstal Hypotoci-Ischemic Morbidity Columbia University Columbia University UD1 H0050008 9.3.855 - 161.016 A Randomized Trial to Prevent Congenial Cytamegalovinus (CMV) Columbia University ACCT #5-20734 Unit H0050008 9.3.855 - 4.3150 Columbia University Columbia University ACCT #5-20734 Unit H0050080 9.3.855 - 4.3150 Columbia University Columbia University Columbia University Columbia University - 6.179 Priod Definition Of Period Columbia University Columbia University Columbia University - 6.179 Priod Definition Of Period Columbia University Columbia University Columbia University - 6.179 Priod Definition Of Period Family Planning Council 050205 4.11.04XCBI T.35-00 32.17 - 6.179 Priod Definition Period Family Planning Council 050205 4.11.04XCBI T.35-00 32.17 - 3.378 Priod Definition Period Family Planning Council 050205 32.17 - 3.378 Priod Definition Per	AultiCenter: Maternal Fetal Medicine Unit A Randomized Clinical Trial of Fetal ECG ST Segment and T Wave					-	
A Randomized Trial to Pervent Congenital Cytomegatownus (CMV) Columbia University ACCT #5:20734 ACCT #5:20734 Unknown 93.865 9.865 - 4.130 103.805 Rescared Integrity Challenges in Vaccine Development and Distribution for Public Health Emergencies Dis Federal E-MAIL DATED 12/16/11 Unknown 93.865 - 6,179 P14 Deval Women's Care Family Planning Council 140201 1 PPHPA006073-01-00 9.3183 - 0.1221 Healthy Women Services to PV14 Deval Women's Care Family Planning Council 140201 1 PPHPA006073-01-00 9.3183 - 0.1221 Healthy Women Services to PV Costute Individues in the Phenomenent Expanding Reproductive and Preconception Healthcare Services to PV Costute Individues in the Phenomenent Expanding Reproductive and Preconception Healthcare Services to PHP Pano1327 - 323 - (6.877) Family Planning Council Family Planning Council Panily Planning Council CovertRACT #134002 COVTRACT #134002 Thu City of Philadephia 9.314 - (1.870) CovertRACT #134002 Thu City of Philadephia 9.314 - (1.870) - (3.870) Panily Planning Council Privi School Based Health Resource Center - Mastbaum High School Panily Planning Council CovertRACT #134002 Thu City of Phila	Prevention of Perinatal Hypoxic-Ischemic Morbidity	Columbia University		U01 HD050080	93.865	-	161,016
The dDw-LD Study Columbia University ACCT #5-20734 Unknown 93.855 - 24.385 Research Integrity Challenges in Vaccine Development and Debuls for the test Emergencies DS Federal E-MAIL DATED 12/16/11 Unknown 93.855 - 6179 PY14 Deval Women's Care Family Planning Council 140201 1 FP14PA000073-0-00 93.153 - 101.221 Healthy Women Services Program Family Planning Council 075301 6 FP14PA030217-38-00 93.217 - 6.879 Planning Forgers Family Planning Council 075301 6 FP14PA030217-38-00 93.217 - (5.877) Pamily Planning Council CONTRACT 096304 6 FP14PA030217-38-00 93.217 - (5.877) Family Planning Council CONTRACT 4134602 Thru City of Philadephila Area 93.117 - (5.877) Family Planning Council CONTRACT 4134602 Thru City of Philadephila Area 93.217 - (5.877) Family Planning Council CONTRACT 4134602 Thru City of Philadephila Area 93.217 - (5.877) Family Pl						-	
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Family Planning Council Total - 397,391 Drexel Ophthalmology Outreach Vision Screening Program Friends of The Congressional Glaucoma Caucus Foundation SSSP# 55 1U50DP001134-01 93.OSP - 250 Friends of The Congressional Glaucoma Caucus Foundation Total - 250 Pediatric HIV/AIDS Cohort Study (PHACS) -AMP Oral Health Amog Participants in the Pediatric HIV/AIDS Cohort Study (PHACS) -AMP Harvard School of Public Health 5U10HD052102-08 93.865 - 40,132 VPHACS) -AMP Harvard School of Public Health 5U10HD052102-08 5U10HD052102-08 93.865 - 4,654 Pulmonary Complications in PHACS AMP Harvard School of Public Health 114074.0838.5041141 Unknown 93.865 - 4,654 Pediatric HIV/AIDS Cohort Study (PHACS) Harvard School of Public Health 114074.0838.5041141 Unknown 93.865 - 4,054	· · · · · · · · · · · · · · · · · · ·	Eamily Planning Council	CONTRACT #106302	6 FPHPA030217-39	93 217	_	35 488
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Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures	Federal Expenditures
PA Mid Atlantic AIDS Education and Training Center Health Federation of Philadelphia Total	Health Federation of Philadelphia	5H4A HA 00060-12-00	2 H4A HA 00060-009-00	93.145		<u>20,299</u> 20,299
A Novel Diagnostic Biomarker for Hepatocellular Carcinoma and Cholagiocarcinoma ImCare Biotech, LLC Total	ImCare Biotech, LLC	1R43CA165314-01AA	1R43CA165314-01AA	93.394		4,395
Intermittent Exotropia Study 2(IXT2): A Randomized Clinical Trial of Observation Versus Occlusion Therapy for Intermittent Exotropia Jaeb Center for Health Research Total	Jaeb Center for Health Research	U10EY11751	Unknown	93.867	<u>-</u>	<u> </u>
Centers of Excellence for Physician Information NIDA Centers of Excellence in Physician Information JBS International Total	JBS International JBS International	HHSN271200900021C	Unknown HHSN271200900021C	93.OSP 93.OSP	- - -	4,821 89,833 94,654
Care Outreach-Minority Aids Initiative Jewish Healthcare Foundation Total	Jewish Healthcare Foundation		Unknown	93.917	<u> </u>	<u>32,144</u> 32,144
Clinical Trial Of Ceftriaxone in Subjects with ALS Massachusetts General Hospital Total	Massachusetts General Hospital		5 U01 NS049640-05	93.853	<u> </u>	<u>3,261</u> 3,261
Hemophilia Comprehensive Services Cystic Fibrosis Comprehensive Services for Adults Spina Bifida Services Grant FY12-13 Spina Bifida Services Grant FY14 Cystic Fibrosis Department of Health Child Rehab FY12 - FY14 Hemophilia FY12 - 13 Lead Poisoning and Prevention Control Small No-Bid Grant Program PA Department of Health Cystic Fibrosis care Grant FY14 WiseWoman (Master Agreement)	Pennsylvania Department of Health Pennsylvania Department of Health	SAP 4100038365 SAP# 4100038365 SAP 4100059266 SAP 4100059266 R1 SAP 4100058887 SAP 4100058610 SAP 4100058530 SAP 4100058887 R1 4300307009	Unknown B04MC23405 Unknown Unknown Unknown Unknown B04MC26692 Unknown	93.994 93.994 93.994 93.994 93.994 93.994 93.994 93.994 93.994 93.994 93.283		(2,462) (42,682) 24,875 43,614 78,173 310,114 2,171 15 88,398 10,003
Evaluation of Cancer Prevention and Control (PCEN) Pennsylvania Department of Health Total	Pennsylvania Department of Health	SAP # 4000015984	67CNCRPRV	93.283	-	10,981 523,199
Reimburse Salary for Vice Chair of Protocol A5299 Social and Scientific, Inc Total Evaluation of HIV training curricula for domestic violence counselors	Social and Scientific, Inc	BRS-ACURE-11-000067- 002008	UM1 AI068636	93.855	<u> </u>	<u>(3,661)</u> (3,661)
and service providers Susan B. Spencer, Inc. Total	Susan B. Spencer, Inc.	HHSP233201100699P	HHSP233201100699P	93.OSP	<u> </u>	<u> </u>
ALIAS Phase III Tril in Albumin in Acute Ischemic Stroke NETT Network - Core BioProTECT III Temple University Total	Temple University Temple University Temple University	400192-05430- 02/P0008940 3001299459-PIII 3001922364-BPT	U01NS040406 U01NS062778 1R01NS071887-01A1	93.853 93.853 93.853		542 5,340 <u>2,954</u> 8,835
REVIVE-IT Randomized Evaluation of VAD Intervention Before Inotropic Therapy University of Michigan Total	University of Michigan	3001890371	HHSN268201100026C	93.OSP	<u>-</u>	<u> </u>
Achieving a Critical Mass of Women Biomedical Faculty: Impact of 3 US Programs University of New Mexico Total	University of New Mexico	3R89B	5R01HD064655-03	93.865		<u> </u>

Program Title	Pass Through Grantor	Agency Number	Federal ID Number	CFDA Number	Subrecipient Expenditures		Federal Expenditures
Pennsylvania Public Health Training Center Pennsylvania Public Health Training Center University of Pittsburgh Total	University of Pittsburgh University of Pittsburgh	0021302 (122012-1) 0021302(123843-1)	5UB6HP20180-03-00 4UB6HP20180-04-01	93.249 93.249			58,721 3,025 61,746
Faith-based Organizing: Community Health Demonstration Project Urban Strategies Total	Urban Strategies	HHSM-500-2010-00054C	HHSM-500-2010-00054C	93.OSP			7,342 7,342
93 - US Department of Health and Human Services							4,091,122
National Fire Fighter Near-Miss Reporting System International Association of Fire Chiefs, Inc. Total 97 - US Department of Homeland Security	International Association of Fire Chiefs, Inc.	AMENDMENT DATED 9/31/2010	Unknown	97.044			1,763 1,763 1,763
Medical Home Program-Educating Practices in Community Integrated Care (EPIC IC) American Academy of Pediatrics Total	American Academy of Pediatrics	LTR DATED 6/30/12	LTR DATED 6/30/12	99.OSP			<u>42,981</u> 42,981
Using Novel Computer and Simulation Based Educational Strategies to Enhance Provider Competencies Dayton VAMC Total	Dayton VAMC	VISN FUNDS IN FCP3086	Unknown	99.OSP			<u>10,000</u> 10,000
99 - Unknown Agency					-		52,981
Federal Awards for Other Programs from Pass-Through Grantors (excluding ARRA funds) Total					\$ 73,286		6,268,343
Asthma Intervention and Assessment in Philadelphia Public Housing Philadelphia Housing Authority Total	Philadelphia Housing Authority	PHA00-90272	HUD#PALHH0187-08	14.OSP			<u>(7,311)</u> (7,311)
14 - US Department of Housing and Urban Development						= =	(7,311)
CARRA: Accelerating Toward an Evidence Based Culture in Pediatric Rheumatology Duke University Total	Duke University	RC2AR058934 CARRANET	Unknown	93.701			<u>(766)</u> (766)
Platelet-Oriented Inhibition in new TIA and Minor Ischemic stroke Temple University Total	Temple University	3001413149-PNT	U01NS062778	93.701			<u>1,224</u> 1,224
93 - US Department of Health and Human Services							458
Federal Awards for Other Programs from Pass-Through Grantors - ARRA Funds Total						\$	(6,853)
Federal Awards for All Other Programs from Pass-Through Grantors Grand Total	•				\$ 73,286	\$	6,261,489

1) Basis of Presentation

The accompanying Schedules of Expenditures of Federal Awards (the "Schedules") summarize the expenditures of Drexel University and Subsidiaries (the "University") under programs of the federal government for the year ended June 30, 2014. Because the Schedules 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 Schedules, 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 campusbased loan programs, disclosed in Note 3, are also included in the Schedules.

2) Basis of Accounting

The Schedule is presented using the accrual basis of accounting. Negative amounts on the schedule represent adjustments in the normal course of business to amounts reported in previous years.

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, 2014, are summarized below:

	CFDA Number		Amount Authorized
Federally-guaranteed loans			
(including subsidized and non-subsidized loans):			
Graduate PLUS Loans	84.268	\$	36,628,765
Parent Loans for Undergraduate Students	84.268		42,107,477
Subsidized Direct Loans	84.268		34,609,487
Unsubsidized Direct Loans	84.268		140,725,325
		\$	254,071,054

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			Loans Made During Year Ended June 30, 2014	
Other student loan programs:					
Federal Perkins Loan Program	84.038	\$	23,846,427	\$	3,215,824
Primary Care Loans	93.342		4,217,443		-
Loans for Disadvantaged Students	93.342		322,875		-
Nursing Student Loan	93.364		35,629		
		\$	28,422,374	\$	3,215,824

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 administrative cost allowance amount for the Federal Perkins Loan Program for the year ended June 30, 2014 is \$0. The amount of Perkins loan principal cancelled during the year was \$144,357 (CFDA #84.037).
II. Reports on Internal Controls and Compliance



Independent Auditor's Report 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, 2014, and the related consolidated statements of activities and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated November 6, 2014.

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.

Pincewaterhouse Coopers LLP

Philadelphia, Pennsylvania November 6, 2014



Independent Auditor's Report 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 OMB Circular A-133

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 *Circular A-133 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, 2014. 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 the requirements of laws, regulations, contracts, and grants 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 OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 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, 2014.

PricewaterhouseCoopers LLP, Two Commerce Square, Suite 1700, 2001 Market Street, Philadelphia, PA 19103-7042 T: (267) 330 3000, F: (267) 330 3300, www.pwc.com/us



Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 2014-001 through 2014-010. 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 a major federal program in order to determine our 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 OMB Circular A-133, 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 with a type of 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, we identified certain deficiencies in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as items 2014-002, 2014-004, 2014-005, and 2014-006, that we consider to be significant deficiencies.

The University's response to the internal control over compliance findings identified in our audit are described in the accompanying Schedule of Findings and Questioned Costs and Management's 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.

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 OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

Kinewaterhouse Coopers LLP

Philadelphia, Pennsylvania March 31, 2015

III. 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	<u> </u>
•	Significant deficiency(ies) identified that are not considered to be material weaknesses?	yes	<u>X</u> none noted
•	Non-compliance material to financial statements noted?	yes	<u>X</u> no

Federal Awards

Internal control over major programs:

•	Material weakness(es) identified?	yes	<u> X </u> no
•	Significant deficiency(ies) identified that are not considered to be material weaknesses?	<u>X</u> yes	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 section 510(a) of OMB Circular A-133?	<u>X</u> yes no
Identification of major programs CFDA Number(s):	Name of Federal Program or Cluster:
Various	Student Financial Aid Cluster
Various	Research & Development Cluster
Dollar threshold used to distinguish between type A and type B programs:	\$3,000,000
Auditee qualified as low-risk auditee?	<u>X</u> yes no

Section II – Financial Statement Findings

There are no matters to report.

Section III – Federal Award Findings and Questioned Costs

Part A- Auditor Findings

2014-001: Grant Financial Management and Reporting

Federal Agency:	Department of Justice	
Program:	Edward Byrne Memorial Justice Assistance Grant (JAG) Program (Including	
	Recovery Act)	
CFDA #:	16.738, 16.803	
Award #:	2009-MH-ST-20335	
Award Year:	Fiscal years 2010 - 2012	
Pass-through:	Pennsylvania Commission on Crime and Delinquency	

Criteria

OMB Circular A-110.21(b)

Recipient's financial management systems shall provide for the following:

(1) Accurate, current and complete disclosure of the financial results of each federally-sponsored project.

(2) Records that identify adequately the source and application of funds for federally-sponsored activities. These records shall contain information pertaining to Federal awards, authorizations, obligations, unobligated balances, assets, outlays, income and interest.

Condition

During the 2014 audit, both the University's management and PwC were made aware by a prime awarding Commonwealth of PA agency of an error related to the fiscal 2011 Schedule of Expenditures of Federal Awards (SEFA). The above listed award was not included on the fiscal 2011 SEFA. The expenditures totaled \$206,432 for fiscal year 2011. There were no expenditures in 2014.

An employee received an inquiry from the Commonwealth funding agency regarding the omission and did not notify another member of management. In addition, the employee provided a response to the inquiry without providing it first to an appropriate member of University management for review. This response contained intentional errors which the funding agency realized and contacted PwC for verification.

Questioned Costs

There are no questioned costs. This matter is a reporting issue, not a cost allowability issue.

Cause

When this award was received by the University, it was not coded within the University's general ledger system as an award with both Federal and Commonwealth funding sources. As a result it was not included on the SEFA when it was prepared. The University did not have a control in place to ensure award information was inputed into the general ledger accurately.

In addition, the individual who responded to the Commonwealth with intentionally inaccurate information concerning the auditor's role in resolving the matter did not inform University management of this unusual funding agency inquiry (the funding agency noticed an error on the fiscal 2011 SEFA).

Effect

The fiscal 2011 SEFA was missing one award and an employee intentionally responded to the funding agency's inquiry and request with an inaccurate representation of corrective action.

Recommendation

We recommend the University improve its internal controls over accuracy of grant data input and maintenance to ensure proper reporting. We also recommend that employees be reminded that responses to all nonstandard inquiries be reviewed by appropriate individuals within the organization prior to issuance.

Views of responsible officials and planned corrective actions

Management agrees with the recommendation and has taken appropriate action to inform its leadership, internal audit department and audit committees and sponsoring agencies impacted about the employee's inappropriate actions relating to the omission of a federal award from the fiscal year 2011 Schedule of Expenditures of Federal Awards.

As of March 2015, Drexel University has realigned the accounting functions related to research administration to the Office of the Comptroller with a continued dotted line reporting relationship to the Senior Vice Provost for Research. This change will provide increased controls of the functions performed within research accounting. The University has also completely changed its leadership in this area and new management is evaluating current processes to ensure that grants with federal funding are properly identified and documented in the ERP system, Banner. Further, it is now a procedure that all A-133 audit comment responses and non-standard inquiries relating to grants and contracts be reviewed by the Associate Vice President and Comptroller, Vice President for Finance and Associate Treasurer and Senior Vice Provost for Research prior to responding.

2014-002: ALLOWABLE COSTS/COST PRINCIPLES - COST TRANSFERS

Federal Agency:	National Institutes of Health, National Institute of Mental Health, National Cancer Institute, Air Force, Federal Aviation Administration, Office of Naval Research		
Program:	Research and Development Cluster		
CFDA #:	93.226, 93.859, 93.242, 93.393, 12.800, 20.109, 12.630		
Award #:	1R21HS021008-01, 1R01GM097664-03, 1R01MH095982-03, 5R01CA129494-06,		
	FA8750-13-C-0268, DTFACT-12-A-80003, N65236-12-1-1005		
Award Year:	Fiscal year 2014		
Pass-through:	Various		

Criteria

OMB Circular A-21 C.4 establishes that any costs allocable to a particular sponsored agreement may not be shifted to other sponsored agreements in order to meet deficiencies caused by overruns or other funding considerations, to avoid restrictions imposed by law or by terms of the sponsored agreement, or for other reasons of convenience. Appropriate controls should be in place to prevent frequent, tardy, and unexplained (or inadequately explained) transfers.

Drexel University Cost Transfer Policy states that errors in the allocation of costs to sponsored agreements should be identified, corrected, and documented in a timely and consistent manner (within 90 days from the closing period in which the error was identified).

Condition

PwC selected a sample of 60 cost transfers. These transfers included journal entries to remove and record transactions to federal awards. We noted the following with regards to the sample selected for testing:

- 21 of 60 samples selected for testing were cost transfers where items needing correction were processed in excess of 90 days from the closing period in which the error was identified.
- 2 of 60 samples selected for testing did not have an adequate explanation supporting the reason behind the cost transfer.

Questioned Costs

There are no questioned costs associated with this finding as all cost transfers were accompanied by supporting documentation evidencing allowability.

Cause

The University's policy was not always diligently executed.

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.

Recommendation

We recommend the University enhance its efforts to educate the research community on its cost transfer policy, with a specific emphasis on the timely detection and processing of necessary cost transfers. Ongoing and targeted training should include departments which generate frequent cost transfers.

Drexel University and Subsidiaries Summary Schedule of Audit Findings and Questioned Costs For the Year Ended June 30, 2014

Views of responsible officials and planned corrective actions

The updated policy has been approved and is in place. With the change in management, this is a process that is under review to ensure timely and appropriate cost transfers. University-wide training is being enhanced to stress the importance of monthly review of grant expenditures and addressing transfers in a timely manner. The improved changes to the effort reporting process will insure salary cost transfers will be done on a timely basis.

2014-003: EQUIPMENT AND REAL PROPERTY MANAGEMENT

Federal Agency: Program:	National Science Foundation, US Air Force, Federal Highway Administration Research and Development Cluster
CFDA #:	47.082, 12.800, 20.502
Award #:	DBI-0845827, FA9550-04-1-0018, DTFH61-97-X-00023
Award Year:	Fiscal year 2014
Pass-through:	Various

Criteria

OMB Circular A-110, .34 (f) OMB Circular A-21, J 14(g)

OMB Circular A-110 requires that equipment be used in the program for which it was acquired or, when appropriate, other federal programs. Additionally, A-110 and A-21 notes equipment records shall be maintained, a physical inventory of equipment shall be taken at least once every two years and reconciled to the equipment records, an appropriate control system shall be used to safeguard equipment, and equipment shall be adequately maintained.

Condition

University provided a property and equipment listing of equipment purchased under its federal awards which contained 988 items. PwC selected a sample of 25 items for testing of compliance with federal regulations regarding equipment and real property management, and noted the following:

- 1 of 25 items selected for testing were not in locations noted on the property listing, but rather were found in other locations (a different room or building) because the equipment had been moved without proper notification to University's Comptroller's Office (asset NBV = \$9,522.04).
- 1 of 25 items selected for testing management identified and represented it was the correct asset, but it could not be reconciled to the underlying records and therefore verified (asset NBV = \$30,000).
- 1 of 25 items selected for testing was not kept in a locked facility and therefore not considered to be properly safeguarded in accordance with University policies (asset NBV = \$29,185.11).

Questioned Costs

As one of the items could not be located and verified, PwC deems the asset with a NBV of \$30,000 to be a questioned cost.

Cause

Equipment purchased with federal funds is often directly delivered to the research department. The research department is responsible for contacting the Comptroller's Office to ensure the equipment is appropriately tagged and tracked in accordance with federal regulations, as well as when equipment is relocated. The process for notifying and providing accurate information to those responsible for tracking the equipment is not consistently followed.

Effect

The absence of appropriate and timely communication for federally sponsored equipment inhibits appropriate safeguarding of federal equipment and timely monitoring of transfers/disposals for accounting and disposition requirements as stated in award agreements.

Recommendation

We recommend the University enforce and enhance its existing procedures to ensure each department is are aware of and fully complies with the requirement to have all federal equipment appropriately and accurately tracked within the University's inventory listing.

Views of responsible officials and planned corrective actions

The annual verification of assets for disposals and location changes is slated to occur in April and be completed by the end of the fiscal year close-out. The Associate Vice President and Comptroller will also send out a communication to the University community about the importance of communicating disposals and asset location changes.

For fiscal year 2016, the University will be changing is procedure to only tag federally funded assets and complete an equipment inventory by an outside appraisal firm every two years. The next inventory will be completed during fiscal year 2017 in conjunction with the Facilities and Administrative rate proposal base year activities.

2014-004: SUBRECIPIENT MONITORING

Federal Agency:	National Cancer Institute, National Science Foundation, National Institute of Allergy & Infectious Diseases National Institute of Environmental Health Sciences, Department of Army, Office of Naval Research, US Army Medical Research Acquisition Activity, National Institute of Health		
Program:	Research and Development Cluster		
CFDA #:	93.399, 93.395, 47.049, 47.082, 47.076, 93.855, 93.113, 12.OSP, 12.630, 12.431, 93.859		
Award #:	2U10CA037403-27, 5U10CA037403-28, 5U10CA086802-14 REVISED, 5U10CA086802-15, DMR-1124696, CNS-0960061, HRD-1139870, HRD-0903924-006, 7U01AI095085-02, R01ES016443, W15P7T-06-9-P011-TASK 0036, W15P7T-06-9-P011/0035, N65236-12-1-1005, W911NF-10-1-0409, 2P01GM056550-17A1		
Award Year: Pass-through:	Fiscal year 2014 Various		

Criteria

OMB Circular A-110. _____.51 Monitoring and reporting program performance, section (a) states that "Recipients are responsible for managing and monitoring each project, program, subaward, function or activity supported by the award. Recipients shall monitor subawards to ensure subrecipients have met the audit requirements as delineated in Section _____.26."

Condition

For the research and development cluster, there were 161 subrecipients, with expenditures of \$22,349,181 during the fiscal year. 16 subrecipients with individual transactions totaling \$1,487,417 were selected for testing.

While we were able to obtained evidence and approval of invoices and related costs for all selections, there was no contemporaneous review performed of subrecipients's A-133 reports, or follow up on any findings included therein.

Questioned Costs

There are no questioned costs associated with this finding.

Cause

OMB Circular A-110 requirements were not consistently followed by the University to ensure subrecipients were appropriately monitored and that monitoring procedures were appropriately documented. University policies did not reflect the intended subrecipient monitoring procedures with respect to a risk assessment process and communications with subrecipients were not timely with respect to the information needed from subrecipients to perform monitoring procedures.

Effect

Lack of appropriate subrecipient monitoring procedures, documentation evidencing the monitoring procedures performed, and lack of specific details in the University's policies regarding its risk assessment process results in insufficient monitoring of subrecipients.

Recommendation

We recommend that the University ensure appropriate monitoring procedures are in place and that those procedures are documented and reviewed. We also recommend that the University update its policies to reflect a detailed risk assessment process. Finally, we recommend the University immediately obtain and review the most recent A-133 report for each subrecipient and recommend corrective action as needed.

Views of responsible officials and planned corrective actions

We accept and agree with the observations and recommendations. After significant turnover, the Office of Research has rallied to complete risk assessments on all 161 sub-recipients contracted with in the year under audit. Although, reactive, this builds a strong foundation and example of the process and assessments to be completed going forward. A new policy document has been created consistent with the recent OMB circular changes regarding sub-recipients. Consistent with the policy updates made, a new process has been developed which includes an updated sub-recipient commitment form where pertinent information is collected from each proposed sub-recipient in order complete the centrally maintained risk assessment. The risk assessment will inform if, when, and how subrecipients will be monitored to ensure proper stewardship of federal and non-federal award dollars. To ensure awareness, compliance and consistency, an announcement of the policy and process changes will be deployed in the coming months to the university research community and standard operating procedures will also be created including a detailed account of roles and responsibilities. In order to ensure proper retention of commitment forms, risk assessments and monitoring plans, the Office of Research has created a SharePoint site to centrally house such documents and are currently in the process of examining the COEUS sub-recipient module with IRT for increased reporting and tracking capabilities.

2014-005: REPORTING

Federal Agency:	National Cancer Institute, National Science Foundation, National Institute of Allergy & Infectious Diseases National Institute of Environmental Health Sciences, Department of Army, Office of Naval Research, US Army Medical Research Acquisition Activity, National Institute of Health		
Program:	Research and Development Cluster		
CFDA #:	93.399, 93.395, 47.049, 47.082, 47.076, 93.855, 93.113, 12.OSP, 12.630, 12.431, 93.859		
Award #:	2U10CA037403-27, 5U10CA037403-28, 5U10CA086802-14 REVISED, 5U10CA086802-15, DMR-1124696, CNS-0960061, HRD-1139870, HRD-0903924-006, 7U01AI095085-02, R01ES016443, W15P7T-06-9-P011-TASK 0036, W15P7T-06-9-P011/0035, N65236-12-1-1005, W911NF-10-1-0409, 2P01GM056550-17A1		
Award Year: Pass-through:	Fiscal year 2014 Various		

Criteria

Per the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) website: Prime Contractors awarded a Federal contract or order that is subject to Federal Acquisition Regulation clause 52.204-10 (Reporting Executive Compensation and First-Tier Subcontract Awards) are required to file a FFATA subaward report by the end of the month following the month in which the prime contractor awards any subcontract greater than \$25,000.

Condition

During testing over subrecipient monitoring, we selected 16 subrecipients to test the University's compliance with the Federal Funding and Transparency Act (FFATA). No FFATA reports were submitted for any of our 16 selections.

Questioned Costs

There are no questioned costs associated with this finding.

Cause

Due to turnover in the Office of Research, OMB Circular A-110 requirements were not consistently followed by the University to ensure the FFATA reports were submitted.

Effect

The University did not comply with FFATA reporting and therefore, information regarding their subawards was not made available to the public to view how Federal funds are being spent.

Recommendation

The University should ensure a process is followed for identifying the various reporting requirements for their federal grants, including information that will be distributed to the public to show the entities receiving federal funds and how federal funds are being spent.

Views of responsible officials and planned corrective actions

Management has established a written procedure to ensure timely FFATA reporting, which is now administered by the Pre-Award team in the Office of Research effective February 2015. FFATA report submissions have been timely since this transition and the team is working to bring the remaining FFATA reports current by the Fall of 2015.

2014-006: Effort Reporting

Federal Agency:	Office of Naval Research, National Institute of Environmental Health Sciences, National Cancer Institute, National Science Foundation, National Institute of Mental Health, New Jersey Sea Grant Consortium		
Program:	Research and Development Cluster		
CFDA #:	12.630, 93.113, 93.393, 47.070, 93.242, 11.4 R&D		
Award #:	N65236-12-1-1005, R01ES016443, 5R01CA129494-06, CCF-1065189, 1R01MH095982-03, 694-7900-7553		
Award Year:	Fiscal year 2014		
Pass-through:	Various		

Criteria

Per 2 CFR part 230/A-122, management is to implement and maintain an employee time reporting system in which effort if 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.

Condition

During our testing of compliance with direct compensation, specifically with regards to timely effort reporting, we noted 37 of 40 effort reports were certified and approved in excess of 90 days of the period end date. Untimely certifications on average took place 172 days after the period end date, ranging from 114 to 246 days.

We also noted that for 1 of 40 effort reports selected for testing, the effort report did not reflect payroll expenditures charged to the grant. These charges were deemed to be erroneous, and subsequently reversed off of the grant.

Questioned Costs

The payroll expenditure noted above amounted to \$265.35 and is considered a questioned cost.

Cause

We note the effort reporting process is generally performed on a bi-annual basis, however the policy in place does not state a time period as to when effort reports must be certified and approved by following the period end date.

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 enhance their existing policy to include effort reports are to be certified within a specific time period such as 30 or 60 days from the date the certification report is distributed. In addition, follow up approval time periods should be added to the policy as well.

Views of responsible officials and planned corrective actions

We agree with the observation and the recommendation that the current effort reporting policy does not stipulate a time frame for the actual production of the effort reports to be released for review and certification. Management will revise the stand-alone policy to include a time frame for the report production consistent with the above.

In addition, management is beginning to review both the current effort reporting policy and the implementation process for production and release of the effort reports. From a policy standpoint, we will be evaluating the need to prepare and certify effort reports more often, from twice per year to quarterly. From an implementation standpoint, we will be evaluating methodologies to permit more efficient information processing flow from the effort reporting system into our ERP (general ledger) system.

2014-007: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS – STUDENT LOAN REPAYMENTS

Federal Agency:	Department of Health and Human Services
Program:	Student Financial Aid Cluster
CFDA #	93.342 (Primary Care Loans), 93.364 (Nursing Student Loans)
Award #:	N/A
Award Year:	Fiscal year 2014
Pass-through:	None

Criteria

42 CFR Section 57.210 sets forth standards for repayment and collection of health professions student loans, including the Primary Care Loan program.

Condition

During our testing of compliance with student loan deferments and cancellations, we noted that supporting documentation substantiating the deferment (such as the evidence of enrollment in another University or advanced training) for 1 out of 25 students could not be located by the servicer.

Questioned Costs

The balance associated with the loan amounted to \$143,237.62 of which, twelve months of interest was deferred.

Cause

Exceptions noted above appear to be the result of a missing deferment that the servicer processes and scans on behalf of Drexel University.

Effect

Student repayments may not be initiated at the correct time as a result of incorrect deferrals or cancellations.

Recommendation

We recommend the University review procedures with the servicer and reach out to the borrower to secure a new deferment form to cure the account.

Views of responsible officials and planned corrective actions

We agree with the recommendation and will take the recommended action with the borrower.

2014-008: STUDENT FINANCIAL AID - FINANCIAL REPORTING

Federal Agency:	Department of Education
Program:	Student Financial Aid Cluster
CFDA #	Various
Award #:	N/A
Award Year:	Fiscal year 2014
Pass-through:	None

Criteria

OMB No. 1845-0030 which sets forth standards for filing the FISAP report.

Condition

During our testing of compliance with Financial Reporting, we noted that that Part V, section G (number of students in community service employment) did not agree to the underlying support, with the FISAP having 255 students, and the report showing 141. As such, the FISAP for the 2013/2014 school year was restated to reflect the correct information. This did not affect the dollar values reflected on the FISAP, and no changes were made to those amounts. Additional changes have been noted to campus based funding which will require the FISAP to be revised once campus based funding has been re-reconciled.

Questioned Costs

There are no questioned costs associated with this finding.

Cause

Exceptions noted above were the result of manual error and insufficient systems processes needed to perform adequate checks and balances.

Effect

The University's financial reporting is not correct when filing the statement with the government.

Recommendation

Since systems processes occur that impact student financial aid funding without the understanding and/or knowledge of the financial aid office, we recommend the University re-evaluate the systems that support the financial aid operation to provide assurance of necessary controls by the Financial Aid Office of processes that impact Title IV funding. Since these systems have a direct impact on Federal reporting, such as the FISAP, it is critical that the data be accurate.

Views of responsible officials and planned corrective actions

Drexel University's Office of Financial Aid and Information Resources and Technology departments have contracted with Ellucian. Ellucian is the vendor who provides our ERP system. The engagement will address packaging all financial aid funding in Banner, as well as, review all system processes and their impacts to Title IV funding.

2014-009: 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 2014
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 were not completely performed each month. Drexel University Financial Aid Office does not currently have a policy in place to completely reconcile 100% of the variances every month, as such, within each month only about half of the students are reconciled.

Questioned Costs

There are no questioned costs associated with this finding as the variances are all reconciled by the end of the fiscal year.

Cause

There is no current University policy in place to have full reconciliations performed on a monthly basis.

Effect

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

Recommendation

We recommend the University implement a policy to have full reconciliations performed on a monthly basis.

Views of responsible officials and planned corrective actions

We agree with the recommendation. Through the support of consultants working on documentation of financial aid processes and procedures, management of the Financial Aid Office will create a document that summarizes Drexel's reconciliation process to ensure that it meets the regulatory requirements. In addition, the new student loan team which will begin to resolve meeting the full level of requirements in conjunction with the appropriate representation from the Finance Department to meet the cash management rules for Direct Lending.

2014-010: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS – FEDERAL WORK STUDY AGREEMENTS

Federal Agency:	Department of Education
Program:	Federal Work Study
CFDA #	84.033
Award #:	N/A
Award year:	Fiscal year 2014
Pass-through:	None

Criteria

34 CFR Section 675.20 - 675.27 which sets forth the requirement that FWS students may not work during class times.

Condition

During our testing of compliance with the FWS program we were able to obtain signed time cards with hours charged to ascertain that charges were appropriate and allowable. However, timecards include total hours charged but not specific time/hours of the day, therefore making it difficult for proper review and monitoring procedures, such as ensuring that recipients do not work during scheduled class times.

Questioned Costs

There are no questioned costs associated with this finding.

Cause

Exceptions noted above appear to be caused by insufficient level of detail within the time cards prepared by each student.

Effect

Independent monitoring controls are difficult to implement due to the level of documentation included on the time cards.

Recommendation

We recommend the University change the timecards to include the specific hours worked each day for FWS recipients in order to monitor against their class schedule for the term.

Views of responsible officials and planned corrective actions

We agree with this recommendation. Financial Aid will work with Payroll and HRIS to create appropriate time sheets for FWS students in order to meet the requirements.

Section IV – Summary Schedule of Prior Audit Findings

2013-001: Unusual Transactions

Summary

Drexel University routinely enters into agreements with complex accounting implications that have significant impacts to the financial statements in future years. Some require the involvement of specialists to determine the appropriate valuations to utilize in the accounting.

During the audit, PwC identified a number of transactions that did not have documented assessments of the key terms of the transactions and the relevant accounting considerations and conclusions. This created difficulties in evaluating the appropriateness of ongoing accounting and in some instances adjustments related to past and current financial statements were identified due to lack of review of ongoing applicable requirements. Examples included complex contribution arrangements, intercompany transactions, and real estate transactions.

Status

Management agrees with the recommendations proposed by PwC that a process to ensure the evaluation and documentation of all significant and complex transactions is necessary and needs to also incorporate appropriate document retention practices as well. Management is in the process of evaluating and implementing a contract protocol process and discussing necessary policy changes as well as automate the process through a third party vendor. Management further agrees that the use of specialists must take place on a timely basis and may require preliminary research to be done to ensure consistency with U.S. GAAP.

Management seeks to ensure the timely response by involving the Vice President for Finance and Associate Treasurer from the inception of the development and contract planning through to the end of the negotiation process. Further, the Comptroller will insure that transactions are evaluated and appropriately reviewed with management and external auditors for appropriateness. If necessary, external consultants will be engaged to evaluate further the impact on the financial statements when the level of complexity exceeds the level of internal expertise.

2013-002: ALLOWABLE COSTS/COST PRINCIPLES - COST TRANSFERS

Federal Agency:	Various
Program:	All Research and Development Cluster Awards
CFDA #:	Various
Award #:	Various
Award year:	Various
Pass-through:	Various

Summary

PwC selected a sample of 60 cost transfers. These transfers included journal entries to remove and record transactions to federal awards. PwC also noted the following with regards to the sample selected for testing:

- 26 of 60 samples selected for testing were cost transfers where items needing correction were processed in excess of 120 days from the initial charge
- 18 of 60 samples selected for testing did not have an underlying invoice to support the allowability of the transfer

Status

The cost transfer policy was approved by the cabinet in July 2014. Research Administration offers nonmandatory, in-class trainings to aid principal investigators and departmental personnel in learning the proper processes and procedures. Research Administration has enhanced its trainings by launching an online course series, *Fundamentals of Research Accounting*, using the University's learning management system, Career Pathway. An internal beta group is currently reviewing and finalizing content. *Fundamentals of Research Accounting* is expected to launch in the Spring for all faculty and administrators associated with sponsored projects.

2013-003: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS - STUDENT STATUS CHANGES (FEDERAL DIRECT LOANS)

Federal Agency:	Department of Education
Program:	Federal Direct Loans
CFDA #	84.268
Award #:	Various
Award year:	July 1, 2012 through June 30, 2013
Pass-through:	None

Summary

During PwC testing of compliance with special tests and provisions over student status changes for the Federal Direct Student Loan Programs, the following was noted:

22 of 60 students status changes communicated to the National Student Loan Data System (NSLDS) exceeded the required 60 day timeframe

Status

Financial Aid, in conjunction with the Registrar and Provost offices, introduced a policy in January 2014 that prohibits retroactive student status changes and communicated the change in policy with the Provost division and any departments that handle student status changes. Full compliance with the policy was implemented by July 1, 2014.

2013-004: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS - RETURN OF TITLE IV FUNDS

Federal Agency:	Department of Education
Program:	Student Financial Aid Cluster
CFDA #:	Various
Award #:	Various
Award year:	July 1, 2012 through June 30, 2013
Pass-through:	None

Summary

During PwC testing of compliance with special tests and provisions regarding timely return of Title IV assistance, it was noted that Title IV assistance for 7 of 40 students selected for testing was not returned within 45 days as required by the regulations.

Status

Documentation was created to reflect the updated Title IV adjustment process that was implemented in December 2013. The updated process is being monitored and continues to provide accurate and efficient refunds when deemed appropriate.

2013-005: STUDENT FINANCIAL AID SPECIAL TESTS AND PROVISIONS – VERIFICATION

Federal Agency:	Department of Education
Program:	Student Financial Aid Cluster
CFDA #:	Various
Award #:	Various
Award year:	July 1, 2012 through June 30, 2013
Pass-through:	None

Summary

During PwC testing of compliance with special tests and provisions, specifically with regards to verification of key information submitted by financial aid applicants, PwC noted incorrect information was captured in the student financial aid system for 2 of 25 students selected for testing.

Status

New selection criteria have been established that meet the Department of Education standards. Banner has been adjusted to accommodate the new selection criteria and the new selection criteria were implemented in June/July 2014 for the 2014/2015 academic year. The validation process has been outsourced this year to help ensure full compliance.

2013-006: PERIOD OF AVAILABILITY

Federal Agency:	Various
Program:	Research and Development Cluster
CFDA #:	Various
Award #:	Various
Award year:	2013

Summary

During PwC testing of 8 awards that concluded during the fiscal year, charges posted to the award subsequent to the completion of the award period of \$176,000 were tested and 3 charges totaling \$2,356 were noted for which supporting documentation could not be provided supporting the allowability of the charge based on the award period.

Status

The process for closing out the grant at the conclusion of the award period has been reviewed and revised to ensure that changes are no longer applied to awards outside the period of availability. The department is making special efforts to ensure that close-outs are performed timely.

2013-007: SERVICE CENTERS

Federal Agency: Program:	Various Research and Development Cluster
CFDA #:	Various
Award #:	Various
Award year:	2013

Summary

For one of five service centers selected for testing PwC was unable to obtain documentation to support that rates charged to federal awards were consistent with rates charged to other users and based on actual usage. For 14 awards selected for testing within R&D, total service center charges were \$70,000, and the related charges for the one service center noted above were \$27,000.

Status

The Office of Research and Printing and Mailing (P&M) partnered to document the Printing and Mailing pricing methodology and job costing processes. The total price of each job is determined by way of a job estimate, and is a function of the direct materials cost (primarily paper), the services required, and the price of each service (e.g. collate, machine fold, saddle stich, etc.). It should also be noted that sometimes printing is contracted out if the print request exceeds the capabilities of the Drexel print shop, which could impact pricing. Agreement was reached for the P&M department to separately maintain documentation such as job jackets, order forms, and invoices for all services paid for with grant funds (i.e. all funds starting with 2XXXXX) to ensure documentation is retained, and easily accessible to satisfy audit and other document requests. A centralized Office of Research staff member will be designated as the P&M service center contact to satisfy audit and other request for printing and mailing documentation working closely with P&M staff.

2013-008: REPORTING:

Federal Agency:	Various
Program:	Research and Development Cluster
CFDA #:	Various
Award #:	Various
Award year:	2013

Summary

During testing over subrecipient monitoring, PwC selected 12 subrecipients to test the University's compliance with the Federal Funding and Transparency Act (FFATA). PwC reviewed the submitted FFATA reports for the 12 subrecipients and noted that 2 of the reports were submitted late (one report was submitted approximately 2 years late and the other report was submitted approximately 2.5 years later). In addition, the FFATA reports for 3 selections were not available on the FFATA reporting website which would indicate that it was not submitted.

Status

The Office of Research has established a process to ensure timely FFATA reporting. The department has undergone a reorganization of its leadership team and as such, this function has now been transitioned from the post-award area to the pre-award area. The Pre-Award team of the Office of Research is submitting reports on current sub-award obligations and actively working to bring the remaining FFATA reports current by the Fall of 2015.



OMB Circular A-133 Findings

2014-001:	Grant Financial Management and Reporting
Federal Agency:	Department of Justice
Program:	Edward Byrne Memorial Justice Assistance Grant (JAG) Program (Including
	Recovery Act)
CFDA #:	16.738, 16.803
Award #:	2009-MH-ST-20335
Award year:	Fiscal years 2010 - 2012
Pass-through:	Pennsylvania Commission on Crime and Delinquency

Management agrees with the recommendation and has taken appropriate action to inform its leadership, internal audit department and audit committees and sponsoring agencies impacted about the employee's inappropriate actions relating to the omission of a federal award from the fiscal year 2011 Schedule of Expenditures of Federal Awards.

As of March 2015, Drexel University has realigned the accounting functions related to research administration to the Office of the Comptroller with a continued dotted line reporting relationship to the Senior Vice Provost for Research. This change will provide increased controls of the functions performed within research accounting. The University has also completely changed its leadership in this area and new management is evaluating current processes to ensure that grants with federal funding are properly identified and documented in the ERP system, Banner. Further, it is now a procedure that all A-133 audit comment responses and non-standard inquiries relating to grants and contracts be reviewed by the Associate Vice President and Comptroller, Vice President for Finance and Associate Treasurer and Senior Vice Provost for Research prior to responding.

2014-002: Allowable Costs/Cost Principles - Cost Transfers

Federal Agency:	National Institutes of Health, National Institute of Mental Health, National
	Cancer Institute, Air Force, Federal Aviation Administration, Office of Naval
	Research
Program:	Research and Development Cluster
CFDA #:	93.226, 93.859, 93.242, 93.393, 12.800, 20.109, 12.630
Award #:	1R21HS021008-01, 1R01GM097664-03, 1R01MH095982-03, 5R01CA129494-
	06, FA8750-13-C-0268, DTFACT-12-A-80003, N65236-12-1-1005
Award year:	Fiscal year 2014
Pass-through:	Various

The updated policy has been approved and is in place. With the change in management, this is a process that is under review to ensure timely and appropriate cost transfers. University-wide training is being enhanced to stress the importance of monthly review of grant expenditures and addressing transfers in a timely manner. The improved changes to the effort reporting process will insure salary cost transfers will be done on a timely basis.

Date: March 31, 2015

2014-003:	Equipment and Real Property Management
Federal Agency:	National Science Foundation, US Air Force, Federal Highway Administration
Program:	Research and Development Cluster
CFDA #:	47.082, 12.800, 20.502
Award #:	DBI-0845827, FA9550-04-1-0018, DTFH61-97-X-00023
Award year:	Fiscal Year 2014
Pass-through:	Various

The annual verification of assets for disposals and location changes is slated to occur in April and be completed by the end of the fiscal year close-out. The Associate Vice President and Comptroller will also send out a communication to the University community about the importance of communicating disposals and asset location changes.

For fiscal year 2016, the University will be changing is procedure to only tag federally funded assets and complete an equipment inventory by an outside appraisal firm every two years. The next inventory will be completed during fiscal year 2017 in conjunction with the Facilities and Administrative rate proposal base year activities.

2014-004: Federal Agency:	Subrecipient Monitoring National Cancer Institute, National Science Foundation, National Institute of Allergy & Infectious Diseases National Institute of Environmental Health Sciences, Department of Army, Office of Naval Research, US Army Medical
	Research Acquisition Activity, National Institute of Health
Program:	Research and Development Cluster
CFDA #:	93.399, 93.395, 47.049, 47.082, 47.076, 93.855, 93.113, 12.0SP, 12.630, 12.431,
	93.859
Award #:	2U10CA037403-27, 5U10CA037403-28, 5U10CA086802-14 REVISED,
	5U10CA086802-15, DMR-1124696, CNS-0960061, HRD-1139870, HRD-
	0903924-006, 7U01AI095085-02, R01ES016443, W15P7T-06-9-P011-TASK
	0036, W15P7T-06-9-P011/0035, N65236-12-1-1005, W911NF-10-1-0409,
	2P01GM056550-17A1
Award year:	Fiscal year 2014
Pass-through:	Various

We accept and agree with the observations and recommendations. After significant turnover, the Office of Research has rallied to complete risk assessments on all 161 sub-recipients contracted with in the year under audit. Although, reactive, this builds a strong foundation and example of the process and assessments to be completed going forward. A new policy document has been created consistent with the recent OMB circular changes regarding sub-recipients. Consistent with the policy updates made, a new process has been developed which includes an updated sub-recipient commitment form where pertinent information is collected from each proposed sub-recipient in order complete the centrally maintained risk assessment. The risk assessment will inform if, when, and how subrecipients will be monitored to ensure proper stewardship of federal and nonfederal award dollars. To ensure awareness, compliance and consistency, an announcement of the policy and process changes will be deployed in the coming months to the university research community and standard operating procedures will also be created including a detailed account of roles and responsibilities. In order to ensure proper retention of commitment forms, risk assessments and monitoring plans, the Office of Research has created a SharePoint site to centrally house such documents and are currently in the process of examining the COEUS sub-recipient module with IRT for increased reporting and tracking capabilities.

Date: March 31, 2015

2014-005:	Reporting
Federal Agency:	National Cancer Institute, National Science Foundation, National Institute of
0 1	Allergy & Infectious Diseases National Institute of Environmental Health Sciences,
	Department of Army, Office of Naval Research, US Army Medical Research
	Acquisition Activity, National Institute of Health
Program:	Research and Development Cluster
CFDA #:	93.399, 93.395, 47.049, 47.082, 47.076, 93.855, 93.113, 12.OSP, 12.630, 12.431,
	93.859
Award #:	2U10CA037403-27, 5U10CA037403-28, 5U10CA086802-14 REVISED,
	5U10CA086802-15, DMR-1124696, CNS-0960061, HRD-1139870, HRD-
	0903924-006, 7U01AI095085-02, R01ES016443, W15P7T-06-9-P011-TASK
	0036, W15P7T-06-9-P011/0035, N65236-12-1-1005, W911NF-10-1-0409,
	2P01GM056550-17A1
Award Year:	Fiscal year 2014
Pass-through:	Various

Management has established a written procedure to ensure timely FFATA reporting, which is now administered by the Pre-Award team in the Office of Research effective February 2015. FFATA report submissions have been timely since this transition and the team is working to bring the remaining FFATA reports current by the Fall of 2015.

2014-006:	Effort Reporting
Federal Agency:	Office of Naval Research, National Institute of Environmental Health Sciences,
	National Cancer Institute, National Science Foundation, National Institute of
	Mental Health, New Jersey Sea Grant Consortium
Program:	Research and Development Cluster
CFDA #:	12.630, 93.113, 93.393, 47.070, 93.242, 11.4 R&D
Award #:	N65236-12-1-1005, R01ES016443, 5R01CA129494-06, CCF-1065189,
	1R01MH095982-03, 694-7900-7553
Award year:	Fiscal year 2014
Pass-through:	Various

We agree with the observation and the recommendation that the current effort reporting policy does not stipulate a time frame for the actual production of the effort reports to be released for review and certification. Management will revise the stand-alone policy to include a time frame for the report production consistent with the above.

In addition, management is beginning to review both the current effort reporting policy and the implementation process for production and release of the effort reports. From a policy standpoint, we will be evaluating the need to prepare and certify effort reports more often, from twice per year to quarterly. From an implementation standpoint, we will be evaluating methodologies to permit more efficient information processing flow from the effort reporting system into our ERP (general ledger) system.

Date: March 31, 2015

2014-007:	Student Financial Aid Special Tests and Provisions – Student Loan Repayments
Federal Agency:	Department of Health and Human Services
Program:	Student Financial Aid Cluster
CFDA #	93.342 (Primary Care Loans), 93.364 (Nursing Student Loans)
Award #:	Various
Award year:	Fiscal Year 2014
Pass-through:	None

We agree with the recommendation and will take the recommended action with the borrower.

2014-008:	Student Financial Aid – Financial Reporting
Federal Agency:	Department of Education
Program:	Student Financial Aid Cluster
CFDA #	Various
Award #:	N/A
Award year:	Fiscal Year 2014
Pass-through:	None

Drexel University's Office of Financial Aid and Information Resources and Technology departments have contracted with Ellucian. Ellucian is the vendor who provides our ERP system. The engagement will address packaging all financial aid funding in Banner, as well as, review all system processes and their impacts to Title IV funding.

2014-009:	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 2014
Pass-through:	None

We agree with the recommendation. Through the support of consultants working on documentation of financial aid processes and procedures, management of the Financial Aid Office will create a document that summarizes Drexel's reconciliation process to ensure that it meets the regulatory requirements. In addition, the new student loan team which will begin to resolve meeting the full level of requirements in conjunction with the appropriate representation from the Finance Department to meet the cash management rules for Direct Lending.

Date: March 31, 2015

2014-010:	Student Financial Aid Special Tests and Provisions – Federal Work
	Study Agreements
Federal Agency:	Department of Education
Program:	Federal Work Study
CFDA #	84.033
Award #:	N/A
Award year:	Fiscal year 2014
Pass-through:	None

We agree with this recommendation. Financial Aid will work with Payroll and HRIS to create appropriate time sheets for FWS students in order to meet the requirements.

Patricia J. Russo

Patricia J. Russo, MBA, CPA, CFE Associate Vice President and Comptroller

March 31, 2015