Financial Statements and Schedule of Expenditures of Federal Awards and Reports in Accordance with the Uniform Guidance For the Year Ended June 30, 2023 EIN # 23-1352630

Page(s)

I. Financial Statements

Report of Independent Auditors
Consolidated Financial Statements
Notes to Consolidated Financial Statements
Schedule of Expenditures of Federal Awards
Notes to Schedule of Expenditures of Federal Awards73
II. Internal Control and Compliance
Report of Independent Auditors on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>
Report of Independent Auditors on Compliance for Each Major Program and on Internal Control over Compliance Required by Uniform Guidance76–78
III. Schedule of Findings and Questioned Costs
Schedule of Audit Findings and Questioned Costs79
Summary Schedule of Prior Audit Findings

I. Financial Statements



Report of Independent Auditors

To the Board of Trustees of Drexel University

Report on the Audit of the Consolidated Financial Statements

Opinion

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, 2023 and 2022, and the related consolidated statements of activities and of cash flows for the years then ended, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the University as of June 30, 2023 and 2022, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management 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, and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for one year after the date the financial statements are issued.

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and

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therefore is not a guarantee that an audit conducted in accordance with US GAAS and *Government Auditing Standards*, will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS and Government Auditing Standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit 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, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Information

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2023 is presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 27, 2023, 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, 2023. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

Prucewsterhonse Coopers LLP

Philadelphia, Pennsylvania October 27, 2023

Consolidated Statements of Financial Position

June 30, 2023 and 2022 (in thousands)

	2023	2022
Assets:		
Cash, cash equivalents, and restricted cash		
Operating	\$ 58,35	\$ 84,525
Restricted	13,78	4 11,435
Accounts receivable	164,81	9 149,093
Contributions receivable, net	82,76	86,563
Loans receivable	7,60	6 10,090
Prepaid expenses and other assets	91,78	82 87,135
Malpractice insurance trust	13,39	8 11,136
Beneficial interests in trusts	42,47	3 39,913
Investments	934,26	5 929,830
Land, buildings and equipment, net	1,058,76	5 969,728
Finance lease right-of-use (ROU) asset	13,40	13,158
Operating lease right-of-use (ROU) asset	491,22	116,641
Total assets	\$ 2,972,63	3 \$ 2,509,247
Liabilities:		
Accounts payable	\$ 54,53	56,517
Accrued liabilities	127,69	6 139,499
Deposits and deferred revenue	171,59	178,359
Finance lease liability	9,55	5 8,020
Operating lease liability	602,77	9 145,312
Government advances for student loans	9,89	8 12,145
Accrued retirement obligations	21,59	2 27,452
Bonds and notes payable	534,77	546,648
Liabilities held for sale	96	6 1,081
Total liabilities	1,533,38	7 1,115,033
Net Assets:		
Without donor restrictions	595,76	9 573,496
With donor restrictions	843,47	7 820,718
Total net assets	1,439,24	6 1,394,214
Total liabilities and net assets	\$ 2,972,63	3 \$ 2,509,247

Consolidated Statement of Activities For the Year Ended June 30, 2023 (in thousands)

							Without Donor Restrictions																With Donor Restrictions	Total
Operating																								
Revenues and releases:																								
Tuition and fees, room and board	\$	658,284	\$ -	\$ 658,284																				
Grants and contracts		137,172	18,635	155,807																				
Physician services		22,458		22,458																				
Auxilliary enterprises		18,648		18,648																				
Commonwealth appropriations		5,191		5,191																				
Contributions		3,931	18,808	22,739																				
Allocation of endowment spending from financial capital		17,407	32,976	50,383																				
Investment income, net		10,154	2,009	12,163																				
Other income		112,264	418	112,682																				
Total revenues		985,509	72,846	1,058,355																				
Net assets released from restrictions		77,689	(77,689)	-																				
Total revenues and releases		1,063,198	(4,843)	1,058,355																				
Expenses:																								
Salaries and wages		461,227		461,227																				
Employee benefits		127,167		127,167																				
Depreciation and amortization		55,706		55,706																				
Interest		18,340		18,340																				
Other operating expenses		382,298		382,298																				
Total expenses		1,044,738	-	1,044,738																				
Increase / (decrease) in net assets from operating activities		18,460	(4,843)	13,617																				
Non-operating																								
Contributions - Endowment and other gifts		129	13,359	13,488																				
Realized / unrealized net gain on investments, net of																								
endowment payout and expenses		3,161	14,243	17,404																				
Change in funding status of post-retirement and defined benefit plans		778		778																				
Other decreases		(255)		(255)																				
Increase in net assets from non-operating activities		3,813	27,602	31,415																				
Total increase in net assets		22,273	22,759	45,032																				
Net assets, beginning of year		573,496	820,718	1,394,214																				
Net assets, end of year	\$	595,769	\$ 843,477	\$ 1,439,246																				

Consolidated Statement of Activities For the Year Ended June 30, 2022 (in thousands)

	Without Donor Restrictions		With Donor Restrictions				Total
perating	11						
evenues and releases:							
Tuition and fees, room and board	\$	647,873	\$	-	\$ 647,873		
Grants and contracts		130,328		17,240	147,568		
Physician services		20,676			20,676		
Auxilliary enterprises		17,829			17,829		
Commonwealth appropriations		9,075			9,075		
Contributions		3,890		29,923	33,813		
Allocation of endowment spending from financial capital		10,265		32,687	42,952		
Investment income, net		2,909		3,051	5,960		
Other income		35,346		4,928	40,274		
Total revenues		878,191		87,829	966,020		
Net assets released from restrictions		74,637		(74,637)	-		
Total revenues and releases		952,828		13,192	966,020		
xpenses:							
Salaries and wages		439,861			439,861		
Employee benefits		111,661			111,661		
Depreciation and amortization		53,605			53,605		
Interest		18,330			18,330		
Other operating expenses		339,905			339,905		
Total expenses		963,362		-	963,362		
(Decrease) / increase in net assets from operating activities		(10,534)		13,192	2,658		
on-operating							
Contributions - Endowment and other gifts		283		13,186	13,469		
Realized / unrealized net loss on investments, net of							
endowment payout and expenses		(23,645)		(42,666)	(66,311		
Change in funding status of post-retirement and defined benefit plans		4,017			4,017		
Other decreases		(112)			(112		
Decrease in net assets from non-operating activities		(19,457)		(29,480)	(48,937		
Total decrease in net assets		(29,991)		(16,288)	(46,279		
Net assets, beginning of year		603,487		837,006	1,440,493		
Net assets, end of year	\$	573,496	\$	820,718	\$ 1,394,214		

Consolidated Statements of Cash Flows

For the Years Ended June 30, 2023 and 2022 (in thousands)

	2023	2022		
Operating activities:				
Increase / (decrease) in net assets	\$ 45,032	\$ (46,279		
Adjustments to reconcile change in net assets to net cash				
(used in) / provided by operating activities:				
Depreciation and amortization	53,385	51,490		
Loss on disposal of assets	2,904	6,447		
Change in market value in beneficial interests in trusts	(2,560)	9,683		
Contributions restricted for long-term investment	(4,948)	(11,349)		
Non-cash contributions received	(5,575)	(905		
Proceeds from the sale of donated securities	5,168	887		
Actuarial change on annuity liabilities	(1,170)	(1,755		
Realized/unrealized (gain) / loss on investments	(71,418)	7,076		
Changes in assets and liabilities that provide / (use) cash:				
Accounts receivable	(15,726)	6,416		
Contributions receivable	2,194	(12,297)		
Prepaid expenses and other assets	(4,656)	(15,609)		
Accounts payable and accrued liabilities	(24,063)	48,782		
Accrued retirement obligations	(5,860)	(8,301)		
Deposits and deferred revenue	(6,767)	6,260		
Right-of-use assets and liabilities	3,036	3,054		
Other, net	(115)	(362)		
Net cash (used in) / provided by operating activities	(31,139)	43,238		
Investing activities: Purchase of investments	(86.010)	(78.005)		
Proceeds from sales and maturities of investments	(86,212)	(78,005)		
	153,755	104,567		
Change in malpractice insurance trust	(2,262)	1,697		
Student loans repaid	2,517	2,986		
Student loans issued	(33)	(24)		
Purchases of land, buildings and equipment	(53,406)	(79,024)		
Net cash provided by / (used in) investment activities	14,359	(47,803)		
Financing activities: Proceeds from restricted contributions	4,948	11,349		
Proceeds from sale of contributed securities restricted for endowment	1,449	728		
Payments on annuity obligations	(331)	(439)		
Repayments of federal student loan funds	(2,247)	(2,681)		
Payments on finance lease liability	(1,309)	(1,943)		
Repayments of long-term debt	(9,555)	(9,610)		
Net cash (used in) / provided by financing activities	(7,045)	(2,596)		
Net (decrease) / increase in cash and cash equivalents, and restricted cash	(23,825)	(7,161)		
Cash and cash equivalents, and restricted cash, beginning of year	95,960	103,121		
Cash and cash equivalents, and restricted cash, end of year	\$ 72,135	\$ 95,960		
Supplemental Information Cash paid for interest	00.094	00.905		
	20,384	20,835		
Amounts accrued for purchase of land, buildings and equipment	10,809	22,796		
Donated securities	7,176	1,635		

1. Nature of Organization and Operations

Drexel University (the "University") is one of the largest private universities in the United States of America. The University has the distinction of having one of the nation's oldest, largest, and best-known cooperative education programs. Founded in 1891 by founder and philanthropist Anthony Joseph Drexel, the University is a private comprehensive global research university with three campuses located in Philadelphia, Pennsylvania, as well as other regional sites. With over 24,000 enrolled undergraduate, graduate and professional students, the University is dedicated to advancing knowledge and society and to providing every student with a valuable, rigorous, experiential, technology-infused education. The University offers over 200-degree programs in its 15 colleges and schools in arts and sciences, biomedical engineering and sciences, business, computing and informatics, economics, education, engineering, entrepreneurship, food and hospitality management, law, media arts and design, medicine, nursing and health professions, and public health.

Academy of Natural Sciences of Philadelphia

Pursuant to an affiliation agreement dated September 30, 2011, the University owns 100% of the Academy of Natural Sciences of Philadelphia, doing business as the Academy of Natural Sciences of Drexel University ("ANS"). ANS, founded in 1812, is a tax-exempt organization under Section 501 (c)(3) of the Internal Revenue Code. ANS is dedicated to encouraging and cultivating the sciences and advancing learning. ANS operates a public museum in Philadelphia and conducts systematic research and research in aquatic ecosystems, including integrating such research with education regarding biodiversity and environmental science in collaboration with the University and its students.

Academic Properties, Inc.

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

Drexel University Online, LLC

Drexel University Online, LLC ("DUO") is a non-profit, Delaware, single-member, limited liability company, wholly owned subsidiary of the University that specializes in marketing, recruiting, instructional design, and supporting innovative internet-based distance education programs for working professionals and corporations in the U.S. and abroad. DUO also provides training, performs industry comparison research, and support for grants. DUO was created on July 1, 2015, as the successor entity to the former for-profit operations of Drexel eLearning, Inc., which merged with and into DUO on that date.

Dragon Risk Limited, Co.

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

Drexel Global Initiatives, LLC

Drexel Global Initiatives, LLC ("Drexel Global") is a non-profit Pennsylvania, single member limited liability company established on February 1, 2014, of which the University is the sole member. Drexel Global's purpose is to operate exclusively for educational purposes within the meaning of Section 501 (c)(3) of the Internal Revenue Code, and it has been established to assist the University in its international operations. The business and affairs of Drexel Global are managed by a board of managers established by the University.

DUC, LLC

DUC, LLC is a Pennsylvania limited liability company established on December 13, 2013, of which the University has 95% ownership. DUC, LLC's purpose is to carry out the purposes of the University, including, but not limited to assisting in the financing for the development, construction and leasing of certain real estate owned by the University located at 3610 Warren Street, Philadelphia, Pennsylvania 19104 (the "Land"). The University's portion of business ("POB") constructed and developed an approximately 90,000 square foot building on this land to house the K-8 school campus for the Powel-Science Leadership Academy Middle School. The business and affairs of DUC, LLC are managed by the University.

11th Street Family Health Services, Inc.

11th Street Family Health Services, Inc. ("11th Street"), a Pennsylvania non-profit corporation, was formed on December 12, 2013. 11th Street is a non-profit real estate holding company, wholly owned by the University, organized to operate in furtherance of the activities of the University and to facilitate the use of new market tax credits in rehabilitating and expanding the structures located at 850 North 11th Street, Philadelphia (the "Property") which was donated from the University on December 23, 2013. The Property is in a qualified census tract that meets certain income, unemployment and poverty level requirements that qualified 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 was funded by a qualified low-income community investment loan. On December 24, 2020, the New Market Tax Credit financing was unwound. As part of the unwind, the University became the holder of the investment loan, which was satisfied in full pursuant to a Mortgage Satisfaction effective December 24, 2020. 11th Street continues to own the fee interest in the Property and leases the Property to the University pursuant to an amended lease agreement effective January 1, 2021.

1200 Chestnut Street General Partner, Inc.

1200 Chestnut Street GP, Inc. ("1200 Chestnut GP"), a Pennsylvania corporation, is the sole general partner in 1200 Chestnut Street I, LP (the "Partnership"). 1200 Chestnut GP is a wholly owned subsidiary of the University. The officers of 1200 Chestnut GP are also the officers and senior leadership of the University. 1200 Chestnut GP was formed as a for-profit single purpose entity to act as the general partner of the Partnership in connection with the historic rehabilitation of the 1200-1202 Chestnut Street property in a manner intended to qualify for the historic rehabilitation tax credit described in Section 47

of the Internal Revenue Code of 1986, as amended. 1200 Chestnut GP follows a calendar based fiscal year. The University will be moving forward with the dissolution of 1200 Chestnut GP.

1200 Chestnut Street I, Limited Partnership

1200 Chestnut Street I, LP, a Pennsylvania limited partnership (the "Partnership"), was formed on November 28, 2016, to acquire, own, rehabilitate and lease, manage and operate Partnership property in a manner that was intended to qualify such rehabilitation for historic rehabilitation tax credits allowable pursuant to Section 47 of the Internal Revenue Code of 1986, as amended. 1200 Chestnut LP property is comprised of the land and historic building located at 1200-1202 Chestnut Street, Philadelphia, Pennsylvania 19107. The general partner is 1200 Chestnut Street GP, which held a 1% interest in 1200 Chestnut LP. On February 7, 2023, the "Flip Date" (as defined in the Partnership Agreement) occurred resulting in 1200 Chestnut GP's ownership interest being increased to 95% with the University acquiring the remaining 5% ownership interest. The Partnership also transferred fee ownership in the Property to the University. The University meets the requirements for consolidation of the Partnership through its 100% ownership of 1200 Chestnut GP and direct ownership of the remaining 5% limited partnership interest in the Partnership. The Partnership follows a calendar based fiscal year. The University will be moving forward with the dissolution of the Partnership.

3509 Spring Garden GP, Inc.

3509 Spring Garden GP, Inc., ("3509 GP") a Pennsylvania corporation, is the sole general partner in 3509 Spring Garden, LP ("3509 LP"). 3509 GP is a wholly owned subsidiary of the University. The officers of 3509 GP are also the officers and senior leadership of the University. As part of the new market tax credit and historic tax credit transactions, a forprofit, single purpose entity was needed to acquire, own, rehabilitate, lease, manage and operate the 3509 Spring Garden property (the "Dornsife Center") and to own the 3509 Spring Garden, LP Qualified Active Low-Income Community Business ("QALICB"). The 3509 LP QALICB was established, with 3509 GP acting as the general partner and holding a 90% interest. On September 30, 2020, the new market tax credit and historic tax credit financing was unwound, and the investment loans have been deemed satisfied. 3509 GP follows a calendar based fiscal year.

3509 Spring Garden, LP

3509 Spring Garden, LP, a Pennsylvania limited partnership ("3509 LP"), was formed on February 25, 2013, to acquire, own, rehabilitate, lease, manage and operate 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 "Code"). The Dornsife Center is also located in a qualified census tract that meets certain income, unemployment and poverty level requirements and qualifies under the New Market Tax Credit Program as a QALICB under Section 45D of the Code. On September 30, 2020, the new market tax credit and historic tax credit financing was unwound, and the investment loans have been deemed satisfied. 3509 LP follows a calendar based fiscal year.

2. Summary of Significant Accounting Policies

General

The University is a tax-exempt organization under Section 501 (c)(3) of the Internal Revenue Code. The consolidated financial statements include the University, the Academy of Natural Sciences of Philadelphia, Drexel University Online, LLC, Academic Properties, Inc., and the University's other subsidiaries which are described in detail in these notes. All University subsidiaries have a fiscal year ending June 30, unless otherwise indicated in Note 1. All subsidiary financial information included within the financial statements has been consolidated utilizing the University's fiscal year.

Basis of Presentation

The consolidated financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America and with the provision of the Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 958, *Not-for-Profit Entities*, which requires the university to classify its net assets into two categories according to donor-imposed restrictions; net assets without donor imposed restrictions and net assets with donor imposed restrictions. All material transactions between the University and its subsidiaries have been eliminated.

Net Assets without Donor Restrictions – Net assets derived from tuition and other University resources that are not subject to explicit donor-imposed restrictions. Net assets without donor restrictions include board designated funds functioning as endowment funds.

Net Assets with Donor Restrictions - Net assets which are subject to explicit donorimposed restrictions on the expenditure of contributions or income and gains on contributed assets, net assets from endowments not yet appropriated for spending by the University and student loan funds. In some cases, donor restrictions can be fulfilled by actions of the University in accordance with those stipulations or by the passage of time. In other cases, some restrictions, such as endowed funds, are permanent, and typically, the donors of these assets permit the University to use all, or part of the income earned on these assets for operations. Restrictions include support of specific schools, colleges and departments of the University, professorships, research, faculty support, scholarships, and fellowships, building construction and other purposes. When time and purpose restrictions expire, net assets with donor restrictions are reclassified to net assets without donor restrictions.

Measure of Operations

The University's measure of operations as presented in the Consolidated Statements of Activities includes revenue from tuition and fees, room and board, grants and contracts, physician services, contributions for operating programs, the allocation of endowment spending for operations and other revenues. Operating expenses are reported on the Consolidated Statements of Activities by natural classification.

Liquidity and Availability

The University's financial assets available within one year of the balance sheet date for general expenditure as of June 30, 2023 and 2022 are as follows:

(in thousands)	2023	2022
Total assets at year-end	\$ 2,972,633	\$ 2,509,247
Less: non-financial and financial assets not available within one year		
Restricted cash	(13,784)	(11,435)
Tuition receivable due in more than one year	(4,769)	(4,631)
Contributions receivable with donor restrictions	(82,767)	(86,563)
Loans receivable due in more than one year	(2,783)	(5,058)
Prepaid expenses and other assets	(91,782)	(87,135)
Malpractice insurance trust	(13,398)	(11,136)
Beneficial Interests in trusts	(42,473)	(39,913)
Investments	(934,265)	(929,830)
Land, buildings and equipment, net	(1,058,765)	(969,728)
Finance lease right-of-use (ROU) asset	(13,402)	(13,158)
Operating lease right-of-use (ROU) asset	(491,221)	(116,641)
Financial assets available at year-end for current use	\$ 223,224	\$ 234,019

As of June 30, 2023, the University has \$223,224,000 of financial assets that are available within one year of the balance sheet date to meet cash needs for general expenditure. In addition to these available financial assets, a significant portion of the University's annual expenditures will be funded by current year operating revenues including tuition and fees, room and board, grant and contract income and auxiliary enterprise income. The University structures its financial assets to be available as general expenditures, liabilities and other obligations come due.

The University's endowment funds consist of donor-restricted and board-designated endowment funds. Income from donor-restricted endowments is restricted for specific purposes and, therefore, is not available for general expenditure. As described in Note 7, for fiscal year 2023 and 2022, the Board of Trustees approved a current distribution of 7.00% and of 4.75%, respectively, of the average fair value of the pooled endowment portfolio for the prior seven fiscal years, except for ANS, for which the Board of Trustees approved a distribution of 7.00% of the fair market value of the pooled endowment assets for the prior seven fiscal years. Under the approved spending rules, the University received an allocation of \$50,383,000 and \$42,952,000 in fiscal years 2023 and 2022, respectively. The endowment portfolio structures cash to be available for the endowment spend and to fulfill capital calls for alternative investments.

To help manage unanticipated liquidity needs, the University has committed lines of credit in the amount of \$150.0 million, which it could draw upon. Additionally, the University has a board-designated endowment of \$309,006,000 as of June 30, 2023. Although the University does not intend to spend from its board-designated endowment funds other than amounts appropriated for general expenditure as part of its annual budget approval and appropriation process, amounts from its board-designated endowment could be made available if necessary. However, the board-designated endowment funds contain investments with lock-up provisions that reduce the total investments that could be made available.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements

June 30, 2023 and 2022

Cash, Cash Equivalents, and Restricted Cash

Cash and cash equivalents represent demand deposits and other investments with an initial maturity date not exceeding 90 days. At June 30, 2023, and 2022, the University had cash balances in financial institutions, which exceed federal depository insurance limits. Management believes the credit risks related to these deposits to be minimal. Cash and cash equivalents are carried at a cost, which approximates fair value. Restricted cash includes funds related to the Perkins Loan program and K-8 Powel Elementary School and Science Leadership Academy Middle School ("Powel/SLA-MS") project. All money market funds that are held in endowment are considered investments by the University.

Contributions Receivable

Contributions and unconditional pledges are recorded at the present value of their expected future cash flows. Unconditional pledges that are expected to be collected within one year are recorded at their estimated net realizable value. Conditional pledges are not included as revenue until the conditions, which represent barriers that must be overcome before the University is entitled to the assets transferred, are fulfilled. Contributions are reported as an increase in the appropriate net asset category.

Beneficial Interests in Trusts and Split-Interest Agreements

The University is the beneficiary of the income of certain trusts but has neither possession nor control of the investments. Beneficial interests in trusts are classified as Level 3. (See Note 6 for investment level definitions). The trusts are recorded at fair value based on the interest in the trust as determined by the trustee based on the value of underlying securities held by the trusts and are primarily composed of equity and fixed income securities that have readily determinable values. The primary unobservable inputs used in the fair value measurement of the trusts are the present value of expected future cash flows. Significant fluctuation in the securities held in the trusts could result in a material change in fair value. The University is also party to certain split-interest agreements. The related liabilities to these arrangements are revalued annually based on the current interest rate tables from the Society of Actuaries and are categorized as Level 3.

Fair Value of Financial Instruments

The University applies fair value measurements in the year of receipt to contributions receivable, beneficial interests in trusts, investments, self-insurance escrow funds, internally held real estate of the endowment, funds held by trustees, interest rate swaps, and annuities on an annual basis. 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 loan receivable from students under Drexel's loan programs approximate fair value. (Notes 5, 6, 7, and 10 for additional fair value disclosures).

Physician Services

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 physician services. Physician services 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. Price concessions to estimate the difference between gross rates and contracted rates with payers have been included in the determination of net revenue.

The University's College of Medicine participates in 340B pediatric and adult practice programs as approved by the Health Resources and Services Administration (HRSA) in the areas of Infectious Disease (pediatric and adult) and Family Planning (pediatrics). The University has contracts with drug distributors that provide medications at a reduced cost to contracted pharmacies. The pharmacies bill insurances for prescriptions issued by these practices and remit the revenue to the University less administrative fees. The difference between the amounts received by the University from the pharmacies and the cost of the medications and administrative fees to the University is used by the practices to provide comprehensive services that otherwise could not be offered under the traditional health insurance fee for service model.

Contributions

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

Contributed property and equipment are recorded at fair value as of the date of the donation. If the donor restricts how long the asset must be used or how the asset is used, the contributions are recorded as restricted. In the absence of stipulations, these contributions are recorded without restrictions.

Non-operating Activities

Non-operating activities include contributions to the University's endowment, investment returns, gains and losses on investments, and other activities related to endowment, post-retirement benefit plan and defined benefit pension plan adjustments, restructuring costs, and losses on extinguishment of debt.

June 30, 2023 and 2022

Use of Estimates

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

Income Taxes

The University has been granted tax-exempt status as a non-profit organization under Section 501 (c)(3) of the Internal Revenue Code and, accordingly, files Federal Tax Form 990 (*Return of Organization Exempt from Income Tax*), annually. The University files U.S. federal, state and local informational returns. The statute of limitations on the University's U.S. federal information returns remains open for three years following the year they are filed.

The University and its affiliates engage in activities that are subject to unrelated business income taxes for which appropriate income tax returns are filed (Note 17).

The FASB issued ASC No. 740-10, *Accounting for Uncertainty in Income Taxes*, which requires that a tax position be recognized or derecognized based on a "more likely than not" threshold. The University does not believe there are any uncertain tax positions that require recognition in the financial statements.

Recently Adopted Accounting Pronouncements

In August 2018, the FASB issued ASU No. 2018-14, *Compensation – Retirement Benefits – Defined Benefit Plans – General (Subtopic 715-20) – Disclosure Framework – Changes to Disclosure Requirements for Defined Benefit Plans* which aims to improve the overall usefulness of disclosures to financial statement users and reduce unnecessary costs to companies when preparing the disclosures. ASU No. 2018-014 is effective for public business entities for annual periods beginning after December 15, 2021, with early adoption permitted on a retrospective basis to all periods presented. The University has adopted the standard effective July 1, 2022. The adoption of this guidance did not have a material impact on the consolidated financial statements.

In November 2018, the FASB issued ASU No. 2018-18, *Collaborative Arrangements (Topic 808) – Clarifying the Interaction between Topic 808 and Topic 606*, which seeks to clarify that certain transaction between collaborative arrangement participants should be accounted for as revenue and apply all relevant guidance under Topic 606 to these revenues. In additional this ASU provides more comparability in the presentation of revenue for certain transactions between collaborative arrangement participants. ASU No. 2018-18 is effective for annual periods beginning after December 15, 2020. The University has adopted the standard effective July 1, 2021. The adoption of this guidance did not have a material impact on the consolidated financial statements.

In September 2020, the FASB issued ASU 2020-07, *Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets*, which increases the transparency of contributed nonfinancial assets within the financial statements of not-for-profit entities through the enhancement of the presentation and disclosure of such activities. The new guidance is effective for fiscal years beginning after June 15, 2021, and interim periods with fiscal years beginning after June 15, 2022. Early adoption is permitted, and amendments should be applied on a retrospective basis. The University has adopted the standard on a retrospective basis, and the adoption of this guidance did not have a material impact on the consolidated financial statements.

Recently Issued Accounting Pronouncements

In June 2016, FASB issued Accounting Standards Update (ASU) 2016-13, *Financial Instruments—Credit Losses (Topic 326)*. This ASU represents a significant change in the allowance for credit losses accounting model by requiring immediate recognition of management's estimates of current expected credit losses. Under the current model, losses are recognized only as they are incurred, which FASB has noted delayed recognition of expected losses that might not yet have met the threshold of being probable. ASU No. 2016-13 is effective for fiscal years beginning after December 15, 2022, with early adoption permitted. The University is currently evaluating the standard to determine the impact it will have on its consolidated financial statements.

In June 2022, the FASB issued ASU No. 2022-03, *Fair Value Measurement (Topic 820): Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions.* The ASU clarifies that contractual restrictions on the sale of equity securities should not be considered part of the unit of account of such securities and, therefore, should not be considered in fair value measurements. ASU No. 2022-03 is effective for fiscal years beginning after Dec. 15, 2024, with early adoption permitted. The University is currently evaluating the standard to determine the impact it will have on its consolidated financial statements.

3. Accounts Receivable

Accounts receivable are reported less estimates for uncollectable amounts and contractually based discounts.

Accounts receivable as of June 30, 2023, and 2022 were as follows:

(in thousands)	2	023	2022
Tuition	\$	64,299	\$ 64,367
Grants, contracts, and other	1	10,987	94,788
Patient, net of contractual allowance		812	420
St. Christopher Hospital for Children		-	239
Accounts receivable, gross	1	76,098	159,814
Allowance for doubtful accounts:			
Tuition		(4,842)	(4,779)
Grants, contracts, and other		(6,195)	(5,927)
Patient		(242)	(15)
Accounts receivable	\$ 1	164,819	\$ 149,093

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 \$9,902,000 and \$12,148,000 at June 30, 2023 and 2022, 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. As of October 1, 2017, the Federal Perkins Loan Program expired, and new loans are no longer awarded and disbursed.

At June 30, 2023 and 2022, student loans consisted of the following:

(in thousands)		2023	202		
Federal government loan programs:					
Perkins loan program	\$	7,163	\$	9,382	
Federal government loan programs	-	7,163		9,382	
Institutional loan programs		4,357		4,709	
Student loans receivable, gross		11,520		14,091	
Less: Allowance for doubtful accounts		(3,914)		(4,001)	
Student loans receivable	\$	7,606	\$	10,090	

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 a student loan receivable is 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 due more than a year from the pledge date are recorded net of a discount using rates as of June 30, 2023 and June 30, 2022 that range between 3.81% to 4.87% and 2.92% to 3.01%, respectively. The University considers these discount rates to be a Level 3 input in the context of ASC No. 820-10 (Note 6).

Net contributions receivable at June 30 were as follows:

(in thousands)	2023	2022
Amounts due in Less than one year One to five years Greater than five years	\$ 17,662 33,085 56,242	\$ 21,324 31,985 53,108
Contributions receivable, gross	106,989	106,417
Less: Allowance for uncollectibles Discounts to present value	(1,523) (22,699)	(1,034) (18,820)
Contributions receivable, net	\$ 82,767	\$ 86,563

As of June 30, 2023 and June 30, 2022, the University has outstanding unrecorded conditional promises to give, including non-legally binding bequests, of \$148,670,000 and \$138,148,000, respectively. When the conditional barriers are overcome and the donor's right of return has expired, the revenue is recorded and is generally restricted for operations, endowment and capital projects as stipulated by the donors.

5. Investments and Investment Return

At June 30, 2023 and 2022, the fair value of the malpractice insurance trust and investments included the following:

	Fair value				
(in thousands)	2023	2022			
Money market funds	\$ 32,107	\$ 30,854			
U.S. equity	175,561	176,268			
Global equity	152,416	138,410			
Fixed income securities and bond funds	82,066	88,622			
Real estate and real assets funds	111,446	113,262			
Hedge funds	49,063	58,713			
Private equity	201,713	188,810			
Directly-held real estate	105,804	118,223			
Total endowment investments	910,176	913,162			
Self-insurance escrow funds	40,050	36,222			
Interest in a partnership	(28,111)	(28,601)			
Other investments	12,150	9,046			
Total investments	934,265	929,830			
Malpractice insurance trust	13,398	11,136			
Total investments and malpractice insurance trust	\$ 947,663	\$ 940,966			

Self-insurance escrow funds are comprised of mutual funds that trade on active markets with readily observable prices. Malpractice insurance trust funds are comprised of fixed income securities with readily observable prices.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements

June 30, 2023 and 2022

The following summarizes the University's total investment return and its classification in the financial statements for the years ended June 30, 2023 and 2022:

	2023					
_(in thousands)]	Vithout Donor Itrictions		th Donor strictions		Total
Investment income, net of expenses	\$	3,358	\$	8,461	\$	11,819
Realized/unrealized gain		17,210		38,758		55,968
Endowment payout under spending formula		(17,407)		(32,976)		(50,383)
Realized/unrealized gain on investments,						
net of endowment payout and expenses		3,161		14,243		17,404
Operating investment income, net		10,154		2,009		12,163
Total return on investments	\$	13,315	\$	16,252	\$	29,567

			2	022		
(in thousands)	Without Donor With Donor Restrictions Restrictions					
Investment income, net of expenses Realized/unrealized loss Endowment payout under spending formula	\$	3,957 (17,337) (10,265)	\$	9,030 (19,009) (32,687)	\$	12,987 (36,346) (42,952)
Realized/unrealized loss on investments, net of endowment payout and expenses Operating investment income, net		(23,645) 2,909		(42,666) 3,051		(66,311) 5,960
Total return on investments	\$	(20,736)	\$	(39,615)	\$	(60, 351)

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 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 trusts and annuities, directly held real estate, and interest in real estate.

As a practical expedient, the University estimates the fair value of an investment in an investment company fund at the measurement date using the reported net asset value (NAV). The fair values of alternative investments represent the University's ownership interest in the net asset value (NAV) of the respective fund. Investments held by the funds consist of marketable securities, as well as securities that do not have readily determinable fair values. The fair values of the securities held by these funds 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.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

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

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

As of June 30, 2023, and 2022, assets and liabilities at fair value were as follows:

					2023					
(in thousands)	Level 1		L	evel 2	Level 3		Investments at NAV		Total	
Assets										
Beneficial interest in trusts	\$	-	\$	-	\$ 42,473	\$	-	\$	42,473	
Malpractice insurance trust		13,398		-	-		-		13,398	
Investments										
Money market funds		32,107		-	-		-		32,107	
U.S. Equity		159,563		-	-		15,998		175,561	
Global Equity		92,977		-	-		59,439		152,416	
Fixed Income securities and bond funds		79,027		1,373	-		1,666		82,066	
Real estate and real assets funds		-		-	6,960		104,486		111,446	
Hedge funds		2,804		-	-		46,259		49,063	
Private Equity		-		-	-		201,713		201,713	
Directly-held real estate		-		-	105,804		-		105,804	
Investments held in endowment		366,478		1,373	112,764		429,561		910,176	
Self-insurance escrow funds		40,050		-	-		-		40,050	
Other investments		11,621		-	-		529		12,150	
Total investments		418,149		1,373	112,764		430,090		962,376	
Total assets mesaured at fair value	\$	431,547	\$	1,373	\$ 155,237	\$	430,090	\$	1,018,247	
Liabilities										
Split-interest agreements		-		-	1,552		-		1,552	
Annuities		-		-	5,022		-		5,022	
Total liabilities measured at fair value	\$	-	\$	-	\$ 6,574	\$	-	\$	6,574	

	2022									
(in thousands)	Level 1		L	evel 2		Level 3		Investments at NAV		Total
Assets										
Beneficial interest in trusts	\$	-	\$	-	\$	39,913	\$	-	\$	39,913
Malpractice insurance trust		11,136		-		-		-		11,136
Investments										
Money market funds		30,854		-		-		-		30,854
U.S. Equity		162,109		-		-		14,159		176,268
Global Equity		73,879		-		-		64,531		138,410
Fixed Income securities and bond funds		85,667		1,423		-		1,532		88,622
Real estate and real assets funds		-		-		4,431		108,831		113,262
Hedge funds		2,715		-		-		55,998		58,713
Private Equity		-		-		-		188,810		188,810
Directly-held real estate		-		-		118,223		-		118,223
Investments held in endowment		355,224		1,423		122,654		433,861		913,162
Self-insurance escrow funds		36,222		-		-		-		36,222
Other investments		8,742		-		-		304		9,046
Total investments		400,188		1,423		122,654		434,165		958,430
Total assets measured at fair value	\$	411,324	\$	1,423	\$	162,567	\$	434,165	\$	1,009,479
Liabilities										
Split-interest agreements		-		-		1,121		-		1,121
Annuities		-		-		5,342		-		5,342
Total liabilities measured at fair value	\$	-	\$	-	\$	6,463	\$	-	\$	6,463

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

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

.....

			2023								
			U	nfunded	Redemption Terms	Redemption Notice Period					
(in thousands)	Fa	air Value	Con	nmitments	(If Currently Eligible)	(If Applicable)					
Hedge funds:											
Multi-Strategy Hedge Funds (a)	\$	20,610	\$	-							
Distressed Debt Hedge Funds (b)	Ψ	17,010	Ψ	-							
Real Estate Hedge Funds (c)		8,639		-	Quarterly	60 days					
Subtotal Hedge funds		46,259		-	Quarterry	oo aays					
Private Equity:											
Private Capital Funds-Secondaries (d)		3,847		2,869							
Private Capital Funds-Venture Capital (e)		1,053		198							
Private Capital Funds-Buy-out (f)		104,731		46,267							
Private Capital Funds-Debt (g)		9,236		5,516							
Private Capital Funds-Real Asset Funds (h)		64,840		36,197							
Private Capital Funds-Real Estate Funds (i)		18,001		12,616							
Private Capital Funds-Hedge Fund Seeder (j)		5		222							
		201,713		103,886	Close-ended funds not						
Subtotal Private Equity					available for redemption						
US Equity (k)		15,998		-							
Global Equity (k)		59,439		-							
Fixed Income Securities and Bond Funds (k)		1,666		-							
Real Estate and Real Assets Funds (k)		104,486		-							
Other investments (k)		529		-							
	\$	430,090	\$	103,886							

a. This category invests in hedge funds that pursue multiple strategies to diversify risks and reduce volatility. As of June 30, 2023, the composite portfolio includes 99% in a multi-strategy hedge fund that invests a significant portion of its assets in certain less liquid special situations opportunities, and 1% 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 4 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. As of June 30, 2023, the composite portfolio includes 87% in an opportunistic credit strategy that invests in liquid and special situation credits, and 13% 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 4 years. The fair values of the investments have 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 diversified U.S. real estate properties. 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 preexisting investor commitments to private equity and other alternative investment funds. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2023, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 100% in 1 to 4 years. As of June 30, 2022, the liquidation periods were expected to be: 100% in 1 to 4 years. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- e. This category includes investments in private equity funds that invest primarily in technology and healthcare companies in the U.S. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2023, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 100% in 1 to 4 years. As of June 30, 2022, the liquidation periods were expected to be: 100% in 1 to 4 years. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- f. This category includes investments in private equity funds that invest in buyouts. A buyout is the purchase of a company or a controlling interest of a corporation's shares or product line or some business. These investments are diversified across industries and primarily in the U.S. These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2023, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 58% over 1 to 4 years and 42% in 5 to 7 years. As of June 30, 2022, the liquidation periods were expected to be: 39% over 1 to 4 years; 48% in 5 to 7 years; and 13% over 8 to 10 years. 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 provide debt financing to middle market firms. 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, 2023, it is estimated that the fund's underlying assets would be liquidated over the following time frames: 70% in 1 to 4 years; and 30% in 5 to 7 years. As of June 30, 2022, the liquidation periods were expected to be: 22% in 1 to 4 years; and 78% in 5 to 7 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, infrastructure, or commodities). These investments can never be redeemed with the funds. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2023, it is estimated that the underlying assets of the fund would be liquidated over the following periods: 34% in 1 to 4 years; 46% in 5 to 7 years; and 20% in 8 to 10 years. As of June 30, 2022, the liquidation periods were expected to be: 24% in 1 to 4 years; 64% in 5 to 7 years; and 12% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the real asset fund.
- i. This category includes investments in private equity funds that invest in U.S. commercial real estate. These investments can never be redeemed. Instead, distributions are received through the liquidation of the underlying assets of the fund. As of June 30, 2023, it is estimated that the fund's underlying assets would be liquidated over the following time frames: 49% in 1 to 4 years; 15% in 5 to 7 years; and 36% in 8 to 10 years. As of June 30, 2022, the liquidation periods were expected to be: 21% in 1 to 4 years; 53% in 5 to 7 years; and 26% in 8 to 10 years. The fair value has been estimated using the reported net asset value per share of the real estate fund.
- j. 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, 2023, the remaining investment is made up of cash held by the investment manager until the fiscal year end audit has been completed. It is estimated that the remaining audit holdback will be distributed within 1 year. The fair value has been estimated using the reported net asset value per share of the private capital fund.
- k. This category includes investments in US equity, global equity, fixed income securities and bond funds, real estate and real assets funds, and other investments. Investments in this category reflect the fair value of the specific assets or the underlying ventures' net assets. The valuations of these investments are the net asset values prepared by fund managers. The majority of these investments are commingled funds.

The University owns partnership interests in a real estate portfolio classified real estate and real estate funds as a Level 3 asset. The interests have a fair market value of \$6,960,000 net of \$0 in outstanding debt. The valuation of these investment properties is prepared annually by an independent appraiser.

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, 2023, and 2022, the University had an endowment spending rule that limited the spending of endowment resources to 7.00% and 4.75%, respectively, of the average fair value of the pooled endowment portfolio for the prior seven fiscal years, except for ANS. For the fiscal year ended June 30, 2023, and 2022, ANS had an endowment spending rule that limited the spending of endowment resources to 7.00% of the fair market value of the pooled endowment assets for the prior seven fiscal years. This rule was applied except in cases where the spending rate had been stipulated by the donor agreement (typically 5.0%).

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

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. Because of this interpretation, the University internally 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. Both permanently restricted and temporarily restricted net assets are considered net assets with donor restrictions as per the applicable accounting standards.

June 30, 2023 and 2022

Endowment Funds with Deficiencies

From time to time, the fair value of some assets associated with individual donorrestricted 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 net assets with donor restrictions in the Consolidated Statements of Activities. Subsequent investment gains are used to restore the balance to the fair market value of the original amount of the gift. Aggregate deficiencies were \$1,123,000 and \$1,320,000 as of June 30, 2023 and 2022, respectively. The original gift amount and the fair value of underwater endowment funds in the aggregate were \$22,531,000 and \$21,424,000 as of June 30, 2023 and \$19,817,000 and \$18,508,000 as of June 30, 2022, respectively.

The net asset balances for the endowment composition by fund as of June 30, 2023, and 2022 were as follows:

				2023		
	1	Without				
		Donor	Wi	th Donor		
(in thousands)	Restrictions		Re	Restrictions		Total
Donor-restricted endowment funds	\$	-	\$	653,626	\$	653,626
Board-designated endowment funds		308,565		-		308,565
Total assets	\$	308,565	\$	653,626	\$	962,191

			2022			
	T	Without	 			
(in thousands)	Donor Restrictions		 th Donor strictions	Total		
(
Donor-restricted endowment funds	\$	-	\$ 629,495	\$	629,495	
Board-designated endowment funds		304,755	-		304,755	
Total assets	\$	304,755	\$ 629,495	\$	934,250	

Notes to Consolidated Financial Statements

June 30, 2023 and 2022

Changes in the University's endowment assets (excluding annuities and trusts) and for the years ended June 30, 2023 and 2022 were as follows:

	2023							
(in thousands)		Without Donor estrictions		ith Donor strictions	Total			
Endowment, at beginning of year	\$	304,755	\$	629,495	\$	934,250		
Endowment return:								
Investment income, net of fees		3,358		8,461		11,819		
Net realized/unrealized gain		14,481		39,670		54,151		
Total endowment return		17,839		48,131		65,970		
Contributions		132		12,327		12,459		
Use of endowment assets:								
Endowment payout used in operations		(14,161)		(36,222)		(50,383)		
Other		-		(105)		(105)		
Total uses of endowment assets		(14,161)		(36,327)		(50,488)		
Endowment, at end of year	\$	308,565	\$	653,626	\$	962,191		

			2022		
(in thousands)		Without Donor strictions	 ith Donor estrictions	Total	
Endowment, at beginning of year	\$	313,699	\$ 650,736	\$	964,435
Endowment return:					
Investment income, net of fees		3,957	9,030		12,987
Net realized/unrealized loss		(2,384)	(9,928)		(12,312)
Total endowment return		1,573	(898)		675
Contributions		224	11,400		11,624
Use of endowment assets:					
Endowment payout used in operations		(10,741)	(32, 211)		(42,952)
Other		-	468		468
Total uses of endowment assets		(10,741)	(31,743)		(42,484)
Endowment, at end of year	\$	304,755	\$ 629,495	\$	934,250

Endowment Loan

On March 3, 2021, the University's Board of Trustee's authorized management to fund the capital expenditures associated with the renovation and expansion of Kelly Hall with a loan investment from the University's endowment portfolio, not to exceed \$40,000,000. The renovation addresses the needs of the building envelope and modernizes the building throughout to provide an improved living experience and includes a 4,000 square foot addition to provide flexible open space for students. The loan investment is consistent with the asset allocation provisions of the University's endowment Investment Policy Statement. Furthermore, the interest rate associated with this loan investment is comparable to investments of similar risk that are available to the endowment for investment.

The loan investment is interest-only over the five-year term, with a balloon payment of principal due no later the last day of the 60th month following the initial/first Anniversary Date. The interest rate is fixed for the first four years at 6.10% per annum ("Base Rate"). Effective as of the fifth anniversary date, the Base Rate will increase to the greater of (a) 6.10% plus 100 basis points (bps) or (b) the 10-year U.S. Treasury note plus 200 bps, not to exceed a rate of 8%. While the loan investment is outstanding, any donor funds received in support of this project, in supporting or naming the building, or associated activities concerning the property, are directly applied to the outstanding principal balance of the loan investment. The University incurs zero fees, and the entire loan investment can be prepaid, at any time, without penalty at the discretion of the University. As of June 30, 2023 and 2022, the University borrowed \$31.0 million and 4.0 million for the project.

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 are computed on a straight-line basis over the lesser of the estimated useful lives of the assets ranging from 3 to 30 years for equipment, 3 to 5 years for software, and 5 to 60 years for buildings and improvements or the shorter of the term of the lease.

The University determined that there were legal obligations to retire certain facilities and equipment. The total asset retirement cost and obligation was \$1,275,000 and \$3,895,000 at June 30, 2023 and \$1,275,000 and \$3,832,000 at June 30, 2022, respectively, and is included in buildings and improvements and accrued expenses, respectively, on the Consolidated Statements of Financial Position.

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

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

(in thousands)	2023	2022
	• • • • • • • •	ф О – .
Works of art	\$ 10,859	\$ 10,859
Land and improvements	145,657	152,210
Buildings and improvements	1,329,473	1,241,862
Equipment, software and library books	214,440	197,579
Construction in progress	80,668	50,374
Land, buildings, and equipment, gross	1,781,097	1,652,883
Less: Accumulated depreciation	(722,332)	(683,155)
Land, buildings, and equipment, net	\$ 1,058,765	\$ 969,728

9. Leases

In February 2016, the FASB issued ASU 2016-02 (Topic 842) "Leases." Under Topic 842, lessees are required to recognize assets and liabilities on the balance sheet for most leases and provide enhanced disclosures. Leases can be classified as either finance or operating.

The University adopted and applied Topic 842 to all leases effective July 1, 2019. The University elected the practical expedient package to not reassess at adoption (i) expired or existing contracts for whether they are or contain a lease, (ii) the lease classification of any existing leases or (iii) initial indirect costs for existing leases. Also, the University also elected the policy exemption that allows lessees to choose to not separate lease and non-lease components by class of underlying asset and are applying this expedient to all relevant asset classes.

The University determines if an arrangement is or contains a lease at inception of the contract. The right-of-use assets represent the right to use the underlying assets for the lease term and the lease liabilities represent the obligation to make lease payments arising from the leases. Right-of-use assets and lease liabilities are recognized at commencement date based on the present value of lease payments over the lease term. The University uses the implicit rate noted within the contract. If not readily available, the University uses the estimated incremental borrowing rate, which is derived using a collateralized borrowing rate and term as the associated lease. A right-of-use asset and lease liability is not recognized for leases with an initial term of 12 months or less and a lease expense is recognized for these leases on a straight-line basis over the lease term within lease and rental expense.

The components of lease expense for the fiscal year ended June 30, 2023, and 2022 are as follows:

(in thousands)	2023	2022
Lease Expense:		
Finance lease expense		
Amortization of ROU assets	1,224	1,129
Interest on lease liabilities	100	74
Operating lease expense	43,822	23,426
Short-term lease expense	930	754
Variable lease expense	24,001	16,420
Total	70,077	41,803
Other Information		
Cash paid for amounts included in the measurement of		
lease liabilities for finance leases		
Finance - Financing cash flows	1,309	1,943
Finance - Operating cash flows	100	74
Operating - Operating cash flows	40,594	20,371
ROU assets obtained in the exchange for lease liabilities		
Finance leases	2,845	0
Operating leases	405,603	59,438
Weighted-average remaining lease terms (in years)		
Finance leases	35.36	42.86
Operating leases	25.25	11.87
Weighted-average discount rate		
Finance leases	1.01%	0.78%
Operating leases	3.66%	1.86%

Minimum lease payments as of June 30, 2023 were as follows:

	Finance	Operating
07/01/2023 - 06/30/2024	1,367	40,169
07/01/2024 - 06/30/2025	1,005	39,323
07/01/2025 - 06/30/2026	722	38,333
07/01/2026 - 06/30/2027	722	37,017
07/01/2027 - 06/30/2028	123	29,912
Thereafter	5,735	812,305
Total	9,674	997,059
Less: Present value discount	(119)	(394,280)
Lease liability	9,555	602,779

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. In June 2018, the University and the Commonwealth of Pennsylvania entered into an amendment to the original lease agreement to extend the initial term for the "Drill Hall" portion of the lease to sixty-five years. The University remeasured the capital lease asset and liability based on the fair market value of the rent under the arrangement for the revised lease term of 65 years. The capital lease liability amounted to \$6,352,000 and \$6,475,000 at June 30, 2023 and 2022, respectively. These costs have been capitalized and a comparable capital lease liability recorded. In June 2018, the University entered into a sublease agreement for the Drill Hall portion of the Armory, the term of which is coterminous with the Armory lease. The sublease is for the benefit of the U.S. Squash Racquet Association. Rent under the sublease agreement is nominal for the entire lease term.

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

On August 30, 2013, the University entered into a land purchase agreement with 3175 JFK Associates, LP and L-A 31, LP, both affiliates of ACC, whereby ACC contributed land, air rights and a subsurface parcel it owned contiguous to Drexel's campus (i.e. 3175 JFK Boulevard) to the University as a gift, without any purchase consideration, but retained the ownership of the "University Crossings" building and improvements erected on this land. The University Crossings property consists of 1.15 acres of land and a 17-story, 452,483 square foot building with 261 units and a total bed capacity of 1,016. As a condition of the land purchase agreement, Drexel and ACC also entered into a ground lease agreement whereby Drexel leased the land back to ACC for no consideration other than reimbursement of property tax that Drexel would be required to pay as the landowner. The term of the lease is forty years with an option to renew for three consecutive ten-year terms. Payments to the University from ACC are recorded as a cost recovery of property taxes. Within five years from the effective date, ACC is required to
complete no less than \$22,327,000 in capital improvements. The University's financial statements include a ground lease liability for the sub-parcel and air rights at June 30, 2023, and 2022 of \$9,050,000 and \$9,350,000, respectively. The University recognized \$300,000 of ground lease income related to this agreement during fiscal years 2023 and 2022.

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

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

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

On December 17, 2014, the University entered into a ground lease agreement with Study Philadelphia Holding, LLC ("SPHLLC") to build an upscale hotel, "The Study", on University property located at 3301 Chestnut Street and 20-40 South 33rd Street. The hotel features a ground floor restaurant and retail space, a conference center, approximately 212 hotel rooms, and accessory hotel amenities, with a main entrance on 33rd Street. The hotel includes a ten-story building, totaling 145,000 square feet of space. The base term of the lease is fifty years with two, ten-year renewal options. The annual

rent commencement date is December 17, 2016, i.e. twenty-four months from the date of the lease. Upon the expiration of the lease, the leased premises will become the property of the University. The University recognized \$154,000 of ground lease income related to this agreement during fiscal years 2023 and 2022.

On October 2, 2015, the University entered into a ground lease agreement with RPG 32 Race, LP ("RPG") for University property located at 3201 Race Street. RPG intends to lease the property and develop a 178,00-square foot multi-storied, mixed-use facility, consisting of 164 "Class A" rental apartment units, 13,800 square foot childcare center, ancillary amenities and improvements including a café and rooftop sundeck, 27 on-site parking spaces, accommodation for customer curbside drop-off for use in connection with the childcare center. Nobel Learning Communities, Inc. is the approved childcare operator. The annual rent commencement date is September 13, 2018, defined as twelve months following the substantial completion of the project. The initial term of the lease is seventy-five years with the option to extend the lease for one additional term of twentyfour years. The University recognized ground lease income of \$215,000 related to this agreement during fiscal years 2023 and 2022.

On July 14, 2022, the University entered a long-term ground lease with Spark Therapeutics, a commercial gene therapy company headquartered in Philadelphia. Spark will be creating a new, state-of-the-art gene therapy innovation center on Drexel's University City campus. The seven story, 600,000-square-foot-building will be constructed on a Drexel parking lot (F Lot) next to the Main Building. The net proceeds received from the pre-paid ground lease, after related taxes and fees, was \$39,704,000 resulting in a gain of \$23,830,000 included in other income in the Consolidated Statements of Activities.

On December 9, 2022, the University entered into a 99-year prepaid ground lease agreement with a joint venture development group led by Gattuso Development Partners, LLC, for the Buckley Recreation Field located at 3201 Cuthbert Street. The project will span the block from 32nd to 33rd streets and Arch to Cuthbert streets, with a 500,000+/-GSF mixed-use, 11-story building primarily outfitted for life sciences and research and development, including a full-floor vivarium as well as ground-level retail and restaurant space along 33rd Street. The net proceeds received from the pre-paid ground lease, after related taxes and fees, was \$16,059,000 resulting in a gain of \$12,945,000 included in other income in the Consolidated Statements of Activities.

Schuylkill Yards

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

Schuylkill Yards is contemplated to be developed in six phases over approximately 20 years, excluding extension options, and will consist of approximately 5.0 million square feet of floor area ratio (FAR) of commercial, office, educational, research, residential, and related facilities, as well as accessory green space uses. Approximately 50% of the total FAR value will consist of office, educational and research space, and the balance in residential, retail, hospitality and parking use.

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

On April 22, 2022, the University completed the fourth conveyance for the Schuylkill Yards project, 3151 Market Street and the 3101R parking garage. The combined parcel was conveyed through a 99-year prepaid ground lease for \$27,349,000 resulting in a gain of \$18,649,000.

10. Retirement Plans

Defined Benefit and Defined Contribution Plans

The University established the Drexel University Defined Contribution Retirement Plan ("DU DC") effective April 1, 1972. Drexel University is the DU DC administrator. Until November 30, 2021, the trustees of the DU DC were Teachers Insurance and Annuity Association - College Retirement Equities Fund, as agent for JP Morgan Chase Bank, N.A. ("TIAA-CREF"), Vanguard Fiduciary Trust Company ("Vanguard") and Fidelity Management Trust Company ("Fidelity").

Effective December 1, 2021, the Drexel University Defined Contribution Retirement Plan has been administered by TIAA-CREF as the single record keeper, trustee, and custodian. The University contribution rates, eligibility and vesting requirements remained the same. The DU DC is subject to the provisions of the Employee Retirement Income Security Act of 1974. The Institution's Investment Committee determines the appropriateness of the plan's investment offerings, monitors investment performance, and reports to the Institution's Board, who is responsible for the oversight of the Plan.

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

On July 1, 2020, in response to the disruption in operations caused by the COVID-19 pandemic, management suspended all University provided matching contributions for the DU DC Plan. The contributions were reinstated July 1, 2021.

During 2021, the DU DC Plan determined that operational failures related to prior years existed as of June 30, 2021 and 2022. The Plan corrected the operational failures in fiscal year 2023 in accordance with the relevant Internal Revenue Service Revenue Procedure(s).

Effective September 1, 2021 the Academic Properties, Inc. Tax Deferred Annuity Plan was merged into DU DC.

The University also sponsors a deferred compensation plan in accordance with Section 457(b) of the Internal Revenue Code of 1986 (IRC). Benefits are payable under the plan equal to the fair value of the underlying investments. Benefits payable under the plan are reported in accrued liabilities with the offsetting fair value of the related assets included in other assets in the Consolidated Statements of Financial Position. The amount reflected in accrued liabilities and other assets was \$15,555,000 and \$13,202,000 as of June 30, 2023, and 2022.

The University participates in a contributory retirement plan as well 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 \$40,106,000 and \$39,125,000 in 2023 and 2022, respectively.

ANS also maintains a defined benefit pension plan. This plan was frozen by the ANS Board of Trustees effective December 31, 2009, prior to the affiliation agreement with Drexel University on September 30, 2011.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

The assumptions for the pension liabilities, the accumulated benefit obligation, change in projected benefit obligation, and change in plan assets are as follows:

(in thousands)	2023	2022
Weighted average assumptions as of June 30 Discount rate Expected return on plan assets	5.60 % 6.50 %	4.90 % 6.00 %
Accumulated benefit obligation Accumulated benefit obligation at June 30	\$ 15,786	\$ 17,385
Change projected in benefit obligation Net benefit obligation at June 30 Service costs Interest costs Actuarial gain Gross benefits paid	\$ 17,385 280 822 (1,014) (1,687)	\$ 21,195270618(3,402)(1,296)
Net benefit obligation at June 30	\$ 15,786	\$ 17,385
(in thousands)	2023	2022
Change in plan assets Fair value of plan assets, at beginning of year Actual return on plan assets Employer contributions Gross benefits paid	\$ 13,379 1,069 2,728 (1,687)	\$ 15,053 (1,718) 1,340 (1,296)
Fair value of plan assets, at June 30	\$ 15,489	\$ 13,379
Fair value of plan assets, at June 30 Benefit obligation	\$ 15,489 15,786	\$ 13,379 17,385
Net amount recognized, at June 30*	\$ (297)	\$ (4,006)

* These amounts are recognized in the financial statements including the Consolidated Statements of Financial Position in the "Accrued retirement obligations" financial statement line item.

The components of net periodic benefit cost are noted below:

(in thousands)	2023	2022
Weighted average assumptions used to determine net periodic benefit costs		
Discount rate	4.90 %	3.00 %
Expected return on plan assets	6.00 %	5.75 %
Components of net periodic benefit costs		
Service costs	\$ 280	\$ 270
Interest costs	822	618
Expected return on assets	(826)	(875)
Amortization of actuarial gain	(1,257)	(808)
Net periodic benefit cost	\$ (981)	\$ (795)

As of June 30, 2023, and 2022, the pension plan had a projected benefit obligation and an accumulated benefit obligation in excess of plan assets. Both the projected and accumulated benefit obligations were \$15,786,000 and \$17,385,000 at June 30, 2023 and 2022, respectively. The fair value of the plan assets was \$15,489,000 and \$13,379,000 as of June 30, 2023, and 2022, respectively.

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

Expected benefit payments (in thousands)	
June 30,	
2024	1,302
2025	1,370
2026	1,386
2027	1,374
2028	1,353
2029-2033	6,219

Plan Assets

The ANS pension plan weighted-average asset allocations at June 30, 2023 and 2022 by asset category are as follows:

Drexel University and Subsidiaries

Notes to Consolidated Financial Statements June 30, 2023 and 2022

	2023	2022
Asset category		
Equity securities	45.1 %	45.0 %
Fixed income securities	39.2 %	36.1 %
Hedge fund and alternative investments	6.7 %	8.0 %
Cash	9.0 %	10.9 %
	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 plans assets is characterized as a 34%, 37%, 27%, and 2% allocation between equity, fixed income investments, alternative investments, and cash. The strategy currently utilizes indexed equity funds and fixed income funds, and several 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 investing 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.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements

June 30, 2023 and 2022

The following tables present the plan assets at fair value as of June 30, 2023, and 2022 according to the valuation hierarchy (Note 6):

<u>(in thousands)</u> Assets, at fair value					2	2023		
]	Level 1	Le	vel 2	Le	vel 3	estments It NAV	Total
Cash equivalents	\$	1,401	\$	-	\$	-	\$ -	\$ 1,401
Mutual funds		13,057		-		-	-	13,057
Alternative investments		-		-		-	1,031	1,031
	\$	14,458	\$	-	\$	-	\$ 1,031	\$ 15,489

					2	022			
							Inv	estments	
(in thousands)]	Level 1	Le	vel 2	Le	vel 3	8	t NAV	Total
Assets, at fair value									
Cash equivalents	\$	1,463	\$	-	\$	-	\$	-	\$ 1,463
Mutual funds		10,843		-		-		-	10,843
Alternative investments		-		-		-		1,073	1,073
	\$	12,306	\$	-	\$	-	\$	1,073	\$ 13,379

11. Other Post-Retirement Benefits

In addition to retirement plan benefits, the University also provides post-retirement benefits to retirees in the form of group life insurance, major medical insurance, and tuition remission. All eligible faculty and professional staff members who have completed ten (10) years of full-time consecutive service with the University and are age 55 or older, if hired before September 1, 2013, or who have completed fifteen years of full-time consecutive service with the University and are age 60 or older if hired on or after September 1, 2013, excluding any professional staff member who is affiliated with a collective bargaining unit. Full-time consecutive service (10 or 15 years) is strictly services with Drexel University and does not include any subsidiaries.

The University shares the cost of coverage for medical plan options under this Plan with eligible retirees who retired prior to July 1, 2017. Retirees must pay the difference between the monthly cost for the health plan in which they are enrolled and the University's retiree allowance. For eligible retirees who retired from employment prior to September 1, 2014, the retiree allowance is \$400 per month for an eligible retiree and up to an additional \$400 per month for his or her spouse or same-sex domestic partner. For eligible retirees who retire from employment on or after September 1, 2014, but before July 1, 2017, the retiree allowance is \$300 per month for an eligible retiree and up to an additional \$300 per month for his or her spouse or same-sex domestic partner. The University reserves the right to change the level of the retiree allowance at any time. For eligible retirees who retire from employment after July 1, 2017, there is no retiree allowance and eligible

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

retirees must pay the entire cost of medical coverage under this Plan. The retirees have a choice of various providers. The post-retirement health care plan is contributory, and the life insurance plan is noncontributory.

The net periodic post-retirement benefit costs and related funded status as of June 30 are shown below. Adjustments to the unfunded status amounted to \$500,000 and (\$2,915,000) respectively, for the years ended 2023 and 2022 and are reflected in the Consolidated Statements of Activities and included in Accrued retirement obligations in the Consolidated Statements of Financial Position.

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

(in thousands)	2023	2022			
Change in benefit obligation					
Benefit obligation, beginning of year	\$ 23,445	\$	29,612		
Service cost	32		55		
Interest cost	1,060		701		
Actuarial gain	(576)		(3,701)		
Plan participant contributions	641		527		
Actual benefits paid	(3,307)		(3,749)		
Benefit obligation, end of year	21,295		23,445		
Change in plan assets					
Fair value of plan assets, beginning of year	-		-		
Employer contributions	2,666		3,222		
Plan participant contributions	641		527		
Actual benefits paid	(3,307)		(3,749)		
Fair value of plan assets, end of year	-		-		
Unfunded status of the plan*	\$ 21,295	\$	23,445		

Plans Funded Status

* These amounts are recognized in the financial statements including the Consolidated Statements of Financial Position in the Accrued retirement obligations financial statement line item.

Weighted average assumptions to determine benefit obligations and net cost as of June 20

5.27%	4.79%
4.79%	2.49%
4.50%	4.50%
2034	2028
	4.79% 4.50%

Drexel University and Subsidiaries

Notes to Consolidated Financial Statements

June 30, 2023 and 2022

For measurement purposes, an 8.50% and an 8.00% annual rate of increase in the per capita cost of covered health care benefits for those over 65 and under 65, respectively, was assumed for 2023 grading down to ultimate rates of 4.5% in the year 2034 and thereafter.

Net Periodic Benefit Cost			
(in thousands)		2023	2022
Components of net periodic benefit cost			
Service cost	\$	32	\$ 55
Interest cost		1,060	701
Amortization of:			
Prior service credit		(1,536)	(1,536)
Net loss		460	750
Net periodic benefit cost	\$	16	\$ (30)
Other changes recognized in net assets without restric	ctions	5	
Net actuarial gain	\$	(576)	\$ (3,701)
Amortization of:			
Prior service cost		1,536	1,536
Net loss		(460)	(750)
Total recognized in net assets without restrictions	\$	500	\$ (2,915)
Amounts not yet reflected in net periodic benefit cost			
and included in net assets without restrictions			
Prior service credit	\$	(12,104)	\$ (13,640)
Actuarial loss		7,085	8,121
Amounts in unrestricted net assets, end of year	\$	(5,019)	\$ (5,519)
Amounts in net assets without restrictions expected t recognized in net periodic benefit cost	to be		
	ሱ	(1 - 2 - 2 - 2)	
Prior service credit	\$	(1,536)	

For the fiscal years ended June 30, 2023, and 2022, the effect of a 1% change in the health care cost trend rate is as follows:

		2	202	3		20				2022		
(in thousands)	1% In	crease		1%	Decrease		1% In	crease		1%	Decrease	
Effect on net periodic benefit cost	\$	7	\$	\$	(6)	\$	\$	10	\$	\$	(9)	
Effect on postretirement benefit obligation		59			(58)			89			(93)	

Drexel University and Subsidiaries Notes to Consolidated Financial Statements

June 30, 2023 and 2022

Contributions

Expected contributions for the 2023 fiscal year are \$2,555,000.

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:

(in thousands)	
June 30,	
2024	2,555
2025	2,433
2026	2,310
2027	2,184
2028	2,062
Thereafter	8,524

12. Bonds and Notes Payable

Bonds and notes payable at June 30, 2023 and 2022 are as follows:

(in the words)		Final Maturity	Effective Interest Rate at June 30,		
(in thousands)	Project	Maturity	at June 30,	2023	2022
Fixed rate debt obligations					
Drexel University					
Pennsylvania Higher Education Facilities Authority (PHE	CFA)				
Series of 2016	Refunding	2022-2037	2.00-5.00%	116,400	117,120
Series of 2017	Refunding	2018-2041	4.00-5.00%	95,575	101,290
Series of 2020A	Refunding and capital improvements	2021-2050	4.00-5.00%	129,760	132,260
Series of 2020B (Federally Taxable)	Refunding	2021-2041	1.10-3.27%	16,270	16,890
Drexel University Taxable Bonds					
Series of 2020	Reimbursement of acquisition cost of	2042-2050	3.22%	104,100	104,100
	St. Christopher's Hospital for Children				
Powel Elementary School and Science Leadership A	cademy				
Middle School ("Powel/SLA-MS")	-				
PNC Bank	New Market Tax Credit Program	2049	1.00%	1,994	1,994
PNC Bank	New Market Tax Credit Program	2049	1.00%	1,006	1,006
Philadelphia Industrial Development Corporation	New Market Tax Credit Program	2049	1.00%	6,646	6,646
Philadelphia Industrial Development Corporation	New Market Tax Credit Program	2049	1.00%	3,054	3,054
Building America	New Market Tax Credit Program	2049	1.00%	5,981	5,981
Building America	New Market Tax Credit Program	2049	1.00%	2,749	2,749
New Markets Investments	New Market Tax Credit Program	2049	1.00%	6,720	6,720
Total outstanding bonds and notes pay able				490,255	499,810
Unamortized original issue premiums/discounts and cost of iss	uance, net			44,517	46,838
Total bonds and notes pay able				\$ 534,772	\$ 546,648

The documents pursuant to which the Pennsylvania Higher Educational Facilities Authority ("PHEFA") Revenue Bonds are issued contain restrictive financial covenants which, among other things, require the University to fix, charge and collect tuition, rates, fees and other charges which will provide net revenues, together with other funds of the University available to pay debt service on such Revenue Bonds, in each fiscal year in an amount at least equal to the debt service requirements on such Revenue Bonds and other long-term indebtedness in such fiscal year. An event of default under the Revenue Bonds will only occur if the University fails to meet the foregoing covenant for two consecutive fiscal years and fails to comply with recommendations provided by a consultant, and so long as the University does not fail to pay debt service when due on the Revenue Bonds. The University was in compliance with these financial covenants at June 30, 2023 and 2022.

(in thousands)	Т	otal Debt
2024		9,935
2025		10,415
2026		10,915
2027		12,800
2028		13,410
Thereafter		432,780
	\$	490,255
Cost of issuance		(8,794)
Unamortized premiums		53,311
		534,772

Lines of Credit

The University has 50% Secured Revolving Credit Facilities ("Facilities") of \$55,000,000 and \$15,000,000 that matures on April 30, 2024. As of June 30, 2022, interest accrued based on Intercontinental Exchange Benchmark Administration "ICE" (subject to a floor of 0.75% on the \$55,000,000). On December 1, 2022 the interest started accruing based upon Term SOFA (subject to a floor of 0.75%) plus the applicable margin. The line of credit can be extended annually based upon the agreement of the University and the bank maintaining the Facilities. At June 30, 2023 and 2022, there were no amounts outstanding.

The University renewed a \$30,000,000 50% Secured line of credit to provide support and working capital for a joint venture. The line of credit matures on April 30, 2024. As of June 30, 2022, interest accrued based upon 30-day LIBOR (subject to a floor of 0.75%) plus 60 basis points. On December 1, 2022, the interest started accruing based upon Term SOFA (subject to a floor of 0.75%) plus the applicable margin. At June 30, 2023 and 2022, there were no amounts outstanding.

The University renewed a \$25,000,000 50% Secured Revolving line of credit to provide working capital. The line of credit matures in one year and can be renewed. Interest accrues based upon SOFR. At June 30, 2023 and 2022, there were no amounts outstanding.

The University renewed another \$25,000,000 50% Secured Revolving line of credit in November 2022 to provide working capital. The line of credit matures in one year and can be renewed. Interest accrues based upon SOFR plus 0.10 percent. At June 30, 2023 and 2022, there were no amounts outstanding.

13. Net Assets

Net assets included the following:		
(in thousands)	2023	2022
Without donor restrictions:		
Operating	\$ (460,868)	\$ (474,211)
Physical plant	748,072	742,952
Quasi-endowment funds	308,565	304,755
Total net assets without donor restrictions	595,769	573,496
With donor restrictions:		
<u>Temporarily Restricted</u>		
Funds for programs and capital expenditures	134,022	138,848
Funds for endowments	231,301	220,530
Life income annuities	2,075	1,842
Beneficial interests in trusts	5,908	4,935
Permanently Restricted		
Funds for endowments	422,325	408,965
Life income annuities	3,268	2,803
Beneficial interests in trusts	36,002	34,509
Student loans and others	8,576	8,286
Total net assets with donor restrictions	843,477	820,718
Total net assets	\$ 1,439,246	\$ 1,394,214

14. Revenue Recognition

The University adopted *Revenue from Contracts with Customers (Topic 606)* effective July 1, 2018 using the retrospective transition method. The University assessed the various contractual arrangements for material revenue streams, the impact to internal processes, the control environment, and disclosures, and determined that the adoption would not result in a material change to the timing of revenue recognition. For all revenue streams, the impact of the adoption was immaterial and the impact of applying the standard retrospectively had no impact on total revenues or total changes in net assets.

In assessing collectability, the University elects the portfolio approach as a practical expedient to combine customers with similar characteristics. The University determines that the effect of applying a portfolio approach to a group of contracts will not differ materially from considering each contract separately.

For the University's revenue streams, the performance obligations are within contracts with durations of one year or less. Therefore, the optional exemption to not disclose remaining performance obligations was applied.

Tuition and fees, room and board

Tuition and related fees are recognized as revenue over time during the academic period in which the related academic services are rendered. The University records tuition revenue at the standalone selling price, which most often reflects the published rates, less price concessions related to institutional financial discounts provided by the University. Payment is due in full by the student before the commencement of the semester or term. As the performance obligations are met (i.e. classes are instructed), revenue is recognized ratably based upon the allocated transaction price. Ratable recognition depicts the transfer of services as the student obtains the benefit of services throughout the semester or term.

The following table disaggregates tuition and fees, room and board revenue by major portfolios for the years ended June 30, 2023, and 2022:

(in thousands)	2023							
			Ro	oom and	Ins	stitutional		
	Tuitic	on and Fees]	Board	Fin	ancial Aid		Total
Undergraduate	\$	689,996	\$	46,822	\$	(318,551)	\$	418,267
Graduate		279,873		1,087		(40,943)		240,017
Tuition and fees, room and board	\$	969,869	\$	47,909	\$	(359,494)	\$	658,284

(in thousands)	2022							
	T			oom and		stitutional		Tatal
		on and Fees		Board	FIN	ancial Aid		Total
Undergraduate	\$	684,948	\$	43,990	\$	(320,325)	\$	408,613
Graduate		283,133		874		(44,747)		239,260
Tuition and fees, room and board	\$	968,081	\$	44,864	\$	(365,072)	\$	647,873

Physician Services

Net patient care activity revenue is reported at the estimated net realizable amounts from patients, third-party payors, and others for services rendered, including retroactive adjustments under reimbursement agreements with third-party payors. Performance obligations are met as Physician Services are administered to patients. The transaction price is allocated to separate performance obligations based upon the relative standalone selling price.

In assessing collectability, the University elected the portfolio approach and grouped into portfolios based on services provided (practice plans). The portfolios elected consist of patients with similar characteristics in payment behavior. The following table disaggregates the Physician Services' revenue by major portfolios with similar characteristics for the years ended June 30, 2023 and 2022 respectively:

(in thousands)	2023	2022
Medicine	\$ 16,051	\$ 13,855
Nursing and Other	5,868	6,426
Psychiatry	539	395
Total physician services	\$ 22,458	\$ 20,676

Grants and Contracts

The University receives grant and contract revenue from governmental and private sources, which are considered non-exchange revenue transactions. The University generally recognizes revenue associated with the direct and the applicable indirect costs of sponsored programs as the related costs are incurred in accordance with the related cost principles outlined in the grant agreement. The University negotiates its federal indirect rate with its cognizant federal agency.

The following table disaggregates grants and contracts revenue for the years ended June 30, 2023, and 2022:

(in thousands)	2023								
	Without donor restrictions	With donor restrictions	Total						
Government grants and contracts:									
Federal	126,563	2,213	128,776						
State	3,212	2,169	5,381						
Local	1,132	195	1,327						
Private grants and contracts	6,265	14,058	20,323						
Total grants and contracts	137,172	18,635	155,807						

(in thousands)	2022								
	Without donor restrictions	With donor restrictions	Total						
Government grants and contracts:									
Federal	120,809	1,208	122,017						
State	1,559	2,244	3,803						
Local	1,319	77	1,396						
Private grants and contracts	6,641	13,711	20,352						
Total grants and contracts	130,328	17,240	147,568						

As of June 30, 2023, and 2022, the University has outstanding unrecorded conditional grants receivable of \$142,254,000 and \$194,245,000, respectively. Revenue for these conditional grants will be recognized in future periods when the related barriers are overcome when the conditions have been substantially met.

15. Functional and Natural Classification of Expenses

Expenses are presented by functional classification in accordance with the overall service mission of the University. Each functional classification displays all expenses related to the underlying operations by natural classification. Depreciation and interest expenses are allocated based on the square footage occupancy. Plant operations and maintenance represent space related costs which are allocated to the functional categories directly and/or based on the square footage occupancy. Expenses reported as auxiliary enterprises, library, and student services are incurred in support of program services.

Drexel University and Subsidiaries Notes to Consolidated Financial Statements June 30, 2023 and 2022

Expenses by functional classification for the year ended June 30, 2023 consist of the following:

(in thousands)	2023									
	P	rogram	Ma	nagement and						
	S	ervices		General	Fu	ndraising		Total		
Salaries and wages	\$	387,010	\$	63,017	\$	11,200	\$	461,227		
Employee benefits		107,019		17,389		3,106		127,514		
Depreciation and amortization		51,311		4,380		15		55,706		
Interest		16,734		1,606		-		18,340		
Other operating expenses		315,410		62,685		4,203		382,298		
Total expenses	\$	877,484	\$	149,077	\$	18,524	\$	1,045,085		

Expenses by functional classification for the year ended June 30, 2022 consist of the following:

(in thousands)	2022								
	Р	rogram	Ma	nagement and					
	S	ervices		General	Fu	ndraising		Total	
Salaries and wages	\$	370,229	\$	58,890	\$	10,742	\$	439,861	
Employee benefits		93,818		14,895		2,731		111,444	
Depreciation and amortization		49,689		3,901		15		53,605	
Interest		16,902		1,428		-		18,330	
Other operating expenses		284,836		50,675		4,394		339,905	
Total expenses	\$	815,474	\$	129,789	\$	17,882	\$	963,145	

16. Professional Liability Insurance

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

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

For self-insured retention amounts for both reported claims and claims incurred but not reported at June 30, 2023 and 2022, the University and its subsidiaries recorded gross combined reserves of \$45,896,000 and \$30,627,000, respectively and related recoveries from third party insurers of \$23,190,000 and \$8,628,000, respectively. For fiscal years 2023 and 2022, the reserves were discounted at 2% for the layers retained by the University and excess carriers. Such reserves and reinsurance recoveries are included in accrued expenses and grants, contracts and other receivables, respectively, in the accompanying 2023 and 2022 Consolidated Statements of Financial Position. Under the self-insurance program, the University is required by the Commonwealth of Pennsylvania

to maintain a malpractice trust fund. At June 30, 2023 and 2022, self-insurance escrow funds and malpractice insurance trust consisting of mutual funds and fixed income securities amounted to \$53,443,000 and \$47,353,000, respectively, were available to fund incurred but not reported liabilities.

17. Commitments and Contingencies

Healthcare Legislation and Regulation

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

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

Litigation

There was a litigation between SodexoMAGIC and the University in relation to the former food services agreement, which settled in June 2022. There was also a litigation between Capital Health System and the University in relation to Global Neurosciences Institute, which settled in August 2022. There is a pending litigation between United Educators' Insurance and the University for breach of contract in relation to the general liability coverage for medical professionals. There is also a pending litigation between various patients of a former employee and the University in relation to sexual assault and medical malpractice. As of June 30, 2023, the university has accrued for these pending litigation claims based on current information and advice from external counsel, and the amount is included in accrued liabilities in the Statements of Financial Position.

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

Other Commitments and Contingencies

The University 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 and is renewed annually. There were no amounts outstanding as of June 30, 2023 and 2022.

The University maintains three letters of credit totaling \$1,716,000 associated with workers' compensation insurance. The agreements are renewable annually. There were no amounts outstanding as of June 30, 2023 and 2022.

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, 2024, 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, 2023 and 2022.

Business Income Taxes

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

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

The Tax Cuts and Jobs Act (the "Act") enacted on December 22, 2017, impacted the University in several ways, including new excise taxes on executive compensation and net investment income, increases to unrelated business taxable income (UBTI) by the amount of certain fringe benefits for which a deduction is not allowed, changes to the net operating loss rules, repeal of the alternative minimum tax (AMT), and the computation of UBTI separately for each unrelated trade or business. Further, the Act reduced the US federal corporate tax rate and federal corporate unrelated business income tax rate from 35% to 21%.

For the fiscal years ended June 30, 2023 and 2022, the University recorded \$348,000 and \$125,000 as income tax expenses and assigned a functional expense category of institutional support for these expenditures.

18. Related Party Transactions

Tower Health

On December 31, 2018, Tower Health ("Tower") and Drexel University signed a 20-year academic affiliation agreement that allows the University to use Tower Health's Reading Hospital campus in Berks County, Pennsylvania as another location for the College of Medicine's four-year undergraduate medical education program located in Philadelphia PA. The agreement calls for Tower to provide free of charge up to 20 rotation slots for each of the 3rd and 4th vear classes annually for the Philadelphia based medical students at Tower sites. Rotations over 20 per class year incur a charge to the University. The agreement also calls for the opening of a state of the art 120,000 sf facility in West Reading PA that trains at least 40 additional Drexel University medical students per year starting in July 2021. In August 2019, Tower entered a 25-year lease with Equus Capital Partners for the building that included the 120,000-sf medical school facility. In addition, Tower and Drexel University entered into a Medical Building Access and Occupancy Agreement that run concurrently with the building lease. The new medical school has shared governance through a Joint Operating Committee with members from Tower and Drexel University. All revenues and expenses for the new medical school are shared evenly between Tower and Drexel University. The academic affiliation agreement allows the Drexel University's College of Medicine to create and maintain high quality medical education and academic programs in an appropriate learning environment and serve the community through the delivery of high quality and cost-effective health care services at Tower Health facilities.

St. Christopher's Hospital for Children Acquisition

On December 15, 2019, the University acquired an undivided 50% interest in St. Christopher's Hospital for Children and certain pediatric medicine physician practices ("St. Christopher's") from the bankruptcy estate of the American Academic Health System ("AAHS") in a joint venture with Tower Health. As of June 30, 2023, and 2022, the University has recorded the value of its interest in a partnership for St. Christopher's Hospital of (\$28.1 million) and (\$28.6 million), respectively, within investments (Note 5). Drexel's share of the operating gains of \$0.5 million and operating losses of (\$4.7 million) have been reflected within realized and unrealized gains/(losses) on investments as of June 30, 2023 and 2022, respectively.

In addition to the purchase, Drexel University and Tower Health each provided a \$85.0 million working capital line of credit to support the joint venture. Tower Health oversees the operations of the hospital with Drexel overseeing medical education and research at St. Christopher's. The acquisition of St. Christopher's ensured the continued operation of the hospital and an essential academic medical education training site for Drexel's College of Medicine and Drexel's health science professions.

As of June 30, 2023, and 2022, the University recorded a receivable for the outstanding line of credit balance of \$70.5 million from St. Christopher's Hospital within prepaid and other assets. In fiscal year 2022, the University established a \$35.3 million reserve against the \$70.5 million outstanding balance on the line of credit supporting the St. Christopher's Children Hospital's operations.

As part of the acquisition of St. Christopher's and the subsequent lease by the joint venture of the real estate from ISSTC PROPCO, LLC, Drexel University and Tower Health guaranteed the lease for the joint venture. In addition to the lease guarantee, Drexel and Tower also provided three joint and several guarantees that were each required to provide to induce (i) Tenet Business Services Corporation ("TBS"), (ii) Conifer Revenue Cycle Management Solutions, LLC ("Conifer"), and (iii) Tenet Health System St. Christopher's Hospital for Children LLC ("THSC"), each an affiliate of Tenet, to enter into new agreements with the joint venture deemed to be critical for the operation of the St. Christopher's. By providing the joint and several guarantees of Drexel and Tower, the joint venture was able to reject the existing agreements that the Debtor had with TBS, Conifer and THSC in the bankruptcy sale order, thereby avoiding the obligation to pay cure payments due and owing by Debtor to those companies if the joint venture had assumed the Debtor's agreements, and instead enter into new agreements with significantly better terms and conditions.

In June of 2021, Drexel University provided St. Christopher's with a \$150,000 mission support grant. The grant was distributed in three equal installments on June 30, 2021, June 30, 2022, and June 30, 2023. The purpose of the grant was to support St. Christopher's leadership retention program. A second \$150,000 mission support grant was provided by Drexel in June of 2022. The grant is distributed in three equal installments on June 30, 2022, June 30, 2023, and June 30, 2024. The purpose of the grant is to further support St. Christopher's leadership retention program. In addition to the mission support grants, the University also provides a housing benefit for St. Christopher's chief executive officer.

As of June 30, 2023, the University, acting as an agent for St. Christopher's Hospital, has outstanding conditional pass-through pledges of \$5.0 million. As of June 30, 2023, the University has accrued a liability of \$0 payable to St. Christopher's Hospital.

Powel Elementary and Science Leadership Academy Middle School Project On May 8, 2019, the Board of Trustees approved a Resolution authorizing the University to undertake the design and construction of a combined K-8 Powel Elementary School and Science Leadership Academy Middle School ("Powel/SLA-MS") on the northern portion of 60 N. 36th Street in Philadelphia, Pennsylvania, which is a portion of the tract of land that formerly housed University City High School. To fund a portion of the Project costs, the University utilized the New Market Tax Credits ("NMTCs"). The Project qualified for the NMTC program because the Property is in a "highly distressed" low-income community. The University was allocated \$29,000,000 of NMTCs from four separate Community Development Entities. Upon completion, the University will lease the building to the School District of Philadelphia ("SDP") for nominal annual rent. SDP will be responsible for all operating and maintenance costs. The University special purpose entity Drexel University City, Inc. ("DUC"), serves as the leveraged loan lender for the NMTC transaction. Wexford Science and Technology, LLC was engaged to serve as the fee developer for the construction of Powel/SLA-MS. Wexford Science and Technology, LLC initially contributed \$4,850,000 toward the project and subsequently agreed to provide an additional \$4,000,000 to further support the project.

Substantial Completion occurred on December 18, 2020. The School District of Philadelphia's lease commenced on January 4, 2021.

Health Sciences Building (formerly known as the Drexel Academic Tower)

On May 8, 2019, the Board of Trustees approved a resolution authorizing the University to develop a new Academic Tower to house the College of Nursing and Health Professions, relocating the college from Center City to University City. Subsequently, the University executed an option to expand the Academic Tower to also include the Drexel College of Medicine. The Academic Tower was developed by Wexford Development, LLC on the southern portion of 60 N. 36th Street, Philadelphia, Pennsylvania which was a portion of the tract of land that formerly housed University City High School. The building size was expected to be approximately 459,000 square feet. The building development was aided by a number of financial mechanisms that included a prepaid ground lease between the University and uCity Academic Owner, LLC, resulting in a gain of \$14,201,000 included in other income in the Consolidated Statements of Activities in FY'23, and a sale by the University to Wexford Science and Technology, LLC of 142,857 square feet of air rights above the premises of Lot 6 (the PSLAMS premises). The University entered into a 29 year and 11-month lease with uCity Academic Owner, LLC and sold the air rights on September 26, 2019. A temporary certificate of occupancy was issued on June 30, 2022. In accordance with the provisions of the lease, the Term Commencement Date was August 14, 2022 and unless the lease is terminated prior to the Term Expiration Date, the Term Expiration Date shall be July 14, 2052.

19. Paycheck Protection Program

In 2021, the Academy received loan proceeds in the amount of \$1,610,425 under the Paycheck Protection Program (PPP). The PPP, established as part of the Coronavirus Aid, Relief and Economic Security Act (CARES Act), provides for loans to qualifying businesses for amounts up to 2.5 times of the average monthly payroll expenses of a qualifying business. The loans and accrued interest are forgivable after either eight weeks or twentyfour weeks as long as the borrower uses the loan proceeds for eligible purposes including payroll, benefits, rent and utilities, and maintains its payroll levels. The forgiveness amount will be reduced if the borrower terminates employees or reduces salaries during the covered period.

At June 30, 2021, the Academy recorded the loan proceeds in the deferred revenue line item of the Statement of Financial Position. At June 30, 2022, the Academy's loan has been forgiven, in its entirety, by the Small Business Administration.

20. Subsequent Events

The University evaluated events subsequent from June 30, 2023 through October 27, 2023, the date at which financial statements were issued.

Drexel University and Salus University formalized a merger agreement to merge Salus into Drexel, with Drexel becoming the surviving institution after consummation of such merger. Salus University, founded in 1919, is the Pennsylvania State College of Optometry and based in Elkins Park, has an enrollment of more than 1,100 students and operates three clinical facilities in Philadelphia and Montgomery counties that provide highly specialized vision, hearing and balance, and speech-language pathology services. The merger is pending regulatory and judicial approvals.

Management has determined that no other subsequent events occurred which require recognition or disclosure in the financial statements.

Schedule of Expenditures of Federal Awards

eral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Exp	Total enditures	Passed to Sub-Recipie
SEARCH AND DEVELOPMENT CLUSTER								
DEPARTMENT OF AGRICULTURE								
AGRICULTURAL RESEARCH SERVICE	10.001 \$		•					
Agricultural Research Basic and Applied Research Agricultural Research Basic and Applied Research	10.001 \$	409	\$ -			\$	409	Þ
Agricultural Research Basic and Applied Research	Total Assistance Listing 10.001 \$	409	\$ -			\$	409	\$
ANIMAL AND PLANT HEALTH INSPECTION SERVICE								
Plant and Animal Disease, Pest Control, and Animal Care	10.025 \$	34,168	<u>s -</u>			\$	34,168	\$
NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Total Assistance Listing 10.025 \$	34,168	\$ -			ş	34,168	5
Agriculture and Food Research Initiative (AFRI)	10.310 \$	12,393	s -			\$	12,393	\$
Agriculture and Food Research Initiative (AFRI)	10.310		28,281	The Regents of the University of California	201403031-01; A15-0053-S0003		28,281	
Agriculture and Food Research Initiative (AFRI)	10.310	-	42,567	Rutgers University	PO# 848794;SUB # 0451 ;MOD 6		42,567	
Agriculture and Food Research Initiative (AFRI)	10.310	-	16,142	University of Pennsylvania	583992 (2022-68014-36664)		16,142	
	Total Assistance Listing 10.310 \$	12,393	\$ 86,990			\$	99,383	\$ 1
Immunopathology Analysis of Patient Tissue Samples From								
Cardiovascular and/or Orthopedic Device Implants	10.RD \$	27740-	\$ -			\$	97,438	
	Total Assistance Listing 10.RD \$	97,438	\$ -			\$	97,438	\$ 29
Total Department of Agriculture	\$	144,408	\$ 86,990			\$	231,398	\$ 38
DEPARTMENT OF COMMERCE								
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION								
Sea Grant Support	11.417 \$	-	\$ 2,605	Susquehanna River Basin Commission	AGREEMENT DATE 2/19/2015	\$	2,605	\$
	Total Assistance Listing 11.417 \$	-	\$ 2,605			\$	2,605	\$
difference in the second second						\$		
Climate and Atmospheric Research Climate and Atmospheric Research	11.431 \$ 11.431	158,099	\$ - 6,075	Stevens Institute of Technology	2103008-01; MOD 2	ş	158,099 6,075	\$ 3
Climate and Atmospheric Research	11.431		1,393	Columbia University	1(GG015537);NA20OAR4310147A		1,393	
Climate and Atmospheric Research	11.431	-	62,468	Columbia University	1(GG016650-01), MOD 1		62,468	
Climate and Atmospheric Research	11.431	-	48,000	Rand Corp	SCON-00000505		48,000	34
	Total Assistance Listing 11.431 \$	158,099	\$ 117,936			\$	276,035	\$ 72
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY								
Measurement and Engineering Research and Standards	11.609 \$	140,408	\$ -			\$	140,408	\$
	Total Assistance Listing 11.021 \$	140,408	\$ -			\$	140,408	\$
Total Department of Commerce	\$	298,507	\$ 120,541			\$	419,048	\$ 7
DEPARTMENT OF DEFENSE								
DEPT OF THIE NAVY								
Basic and Applied Scientific Research	12.300 \$	1,007,202	\$ 150,000	George Washington University	21-So8 MOD 3	\$	1,157,202	
	Total Assistance Listing 12.300 \$	1,007,202	\$ 150,000			\$	1,157,202	\$ 27
DEPT OF THE ARMY								
Military Medical Research and Development	12.420 \$	1,843,670	\$ -			\$	1,843,670	\$ 22
			79,051	University of Pennsylvania	579797; PR191513; 0011449536		79,051	
Military Medical Research and Development	12.420				W81XWH2110171 (M2102452)		14,675	
Military Medical Research and Development	12.420	-	14,675	Texas A&M University				
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	-	15,769	Texas A&M University	M2203514		15,769	
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development	12.420 12.420 12.420	-	15,769 32,742	Texas A&M University Trustees of Boston University	M2203514 4500004375		32,742	
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development	12.420 12.420 12.420 12.420	-	15,769 32,742 3,629	Texas A&M University Trustees of Boston University Thomas Jefferson University	M2203514 4500004375 080-27000-X19201 PO#2000157877		32,742 3,629	
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development	12.420 12.420 12.420 12.420 12.420		15,769 32,742 3,629 21,424	Texas A&M University Trustees of Boston University	M2203514 4500004375	-	32,742 3,629 21,424	
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development	12.420 12.420 12.420 12.420	1,843,670	15,769 32,742 3,629 21,424	Texas A&M University Trustees of Boston University Thomas Jefferson University	M2203514 4500004375 080-27000-X19201 PO#2000157877	\$	32,742 3,629	\$ 22
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Basic Scientific Research	12.420 12.420 12.420 12.420 12.420	- - - 1,843,670 5,382,373	15,769 32,742 3,629 21,424 \$ 167,290	Texas A&M University Trustees of Boston University Thomas J.effersion University Rowan University	M2203514 4500004375 080-27000-X19201 PO#2000157877	\$	32,742 3,629 21,424 2,010,960	
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Basic Scientific Research Basic Scientific Research	12.420 12.420 12.420 12.420 12.420 Total Assistance Listing 12.420		15,769 32,742 3,629 21,424 \$ 167,290 \$	Texas A&M University Trustees of Boston University Thomas J effersion University Rowan University PPG Industries, Inc	M2203514 4500004375 080-27000-Xi9201PO#2000157877 61020-1 W911NF-17-2-0227	*	32,742 3,629 21,424 2,010,960 5.382,373 1,049,661	\$ 3,36
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 \$ 12.431 12.431 12.431	5,382,373	15,769 32,742 3,659 21,424 \$ 167,290 \$ - 1,049,661 21,889	Texas A&M University Trustees of Boston University Thomas J.effersion University Rowan University	M2203514 4500004375 080-27000-X19201004377 61020-1	\$	32,742 3,629 21,424 2,010,960 5.382,373 1,049,661 21,889	\$ 3,36 10
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Basic Scientific Research Basic Scientific Research	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 \$ 12.431		15,769 32,742 3,659 21,424 \$ 167,290 \$ - 1,049,661 21,889	Texas A&M University Trustees of Boston University Thomas J effersion University Rowan University PPG Industries, Inc	M2203514 4500004375 080-27000-Xi9201PO#2000157877 61020-1 W911NF-17-2-0227	*	32,742 3,629 21,424 2,010,960 5.382,373 1,049,661	\$ 3,36 10
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 \$ 12.431 12.431 12.431	5,382,373	15,769 32,742 3,659 21,424 \$ 167,290 \$ - 1,049,661 21,889	Texas A&M University Trustees of Boston University Thomas J effersion University Rowan University PPG Industries, Inc	M2203514 4500004375 080-27000-Xi9201PO#2000157877 61020-1 W911NF-17-2-0227	\$	32,742 3,629 21,424 2,010,960 5.382,373 1,049,661 21,889	\$ 3,36 10
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Applied, and Advanced Research in Science and	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 \$ 12.431 12.431 12.431	5,382,373	15,769 32,742 3,629 21,424 \$ 167,290 \$ - 1,049,661 21,889 \$ 1,071,550	Texas A&M University Trustees of Boston University Thomas J effersion University Rowan University PPG Industries, Inc	M2203514 4500004375 080-27000-Xi9201PO#2000157877 61020-1 W911NF-17-2-0227	\$	32,742 3,629 21,424 2,010,960 5.382,373 1,049,661 21,889	\$ 3,36 10 \$ 3,46
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Applied, and Advanced Research in Science and Engineering	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 12.431 12.431 12.431 Total Assistance Listing 12.431 12.630 \$	5,382,373 	15,769 32,742 3,629 21,424 \$ 167,290 \$ - 1,049,661 21,889 \$ 1,071,550 \$ -	Texas A&M University Trustees of Boston University Thomas Jefferson University Rowan University PPG Industries, Inc University of Delaware	M2203514 4500004375 080-27000-X19201POF2000157877 61020-1 W911NF-17-2-0227 UDR0000272; MOD 2	\$	32,742 3,629 21,424 2,010,960 5,382,373 1,049,661 21,889 6,453,923 459,255	\$ 3,36 10 \$ 3,46
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 \$ 12.431 12.431 12.431 Total Assistance Listing 12.431	5,382,373 	15,769 32,742 3,629 21,424 \$ 167,290 \$ - 1,049,661 21,889 \$ 1,071,550	Texas A&M University Trustees of Boston University Thomas J effersion University Rowan University PPG Industries, Inc	M2203514 4500004375 080-27000-X19201POF2000157877 61020-1 W911NF-17-2-0227	\$	32,742 3,629 21,424 2,010,960 5,382,373 1,049,661 21,889 6,453,923	\$ 3,36 10 \$ 3,46
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 12.431 12.431 12.431 Total Assistance Listing 12.431 ↓ 12.630 \$ 12.630	5,382,373 - 5,382,373 459,255	15,769 32,742 3,629 21,424 \$ 167,290 \$ - 1,049,661 21,889 \$ 1,071,550 \$ - 100,910	Texas A&M University Trustees of Boston University Thomas Jefferson University Rowan University PPG Industries, Inc University of Delaware Advanced Functional Fabrics of America, Inc.	M2203514 4500004375 080-27000-X19201 FOP2000157877 61020-1 W911NF-17-2-0227 UDR0000272; MOD 2 EXHIBIT 1-1; PO 774; MOD 1	\$	32,742 3,629 21,424 2,010,960 5,382,373 1,049,661 21,889 6,453,923 459,255 100,910	\$ 3,36 10 \$ 3,46 \$ 33
Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research and Development Military Medical Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic Scientific Research Basic, Applied, and Advanced Research in Science and Engineering Basic, Applied, and Advanced Research in Science and Engineering	12.420 12.420 12.420 12.420 Total Assistance Listing 12.420 12.431 12.431 12.431 Total Assistance Listing 12.431 12.630 \$	5,382,373 - 5,382,373 459,255	15,769 32,742 3,629 21,424 \$ 167,290 \$ - 1,049,661 21,889 \$ 1,071,550 \$ -	Texas A&M University Trustees of Boston University Thomas Jefferson University Rowan University PPG Industries, Inc University of Delaware	M2203514 4500004375 080-27000-X19201POF2000157877 61020-1 W911NF-17-2-0227 UDR0000272; MOD 2	\$	32,742 3,629 21,424 2,010,960 5,382,373 1,049,661 21,889 6,453,923 459,255	10 \$ 3,46

leral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number		Total enditures	Passed to Sub-Recipie
Basic, Applied, and Advanced Research in Science and	12.630		5,831	Trustees of the University of Pennsylvania	586938/10063671/70384/01;M1		5,831	
Engineering	Total Assistance Listing 12.630 \$	459,255	\$ 246,074			\$	705,329	\$ 46
DEPT OF THE AIR FORCE								
Air Force Defense Research Sciences Program	12.800 \$	203,139	\$ -			ŝ	203,139	ŝ
Air Force Defense Research Sciences Program	12.800		42,663	George Mason University	E2046603; MOD 03		42,663	
Air Force Defense Research Sciences Program	12.800 Total Assistance Listing 12.800 \$	203,139	304 \$ 42,967	Ballydel Technologies	BTI_2022_001	ŝ	304 246,106	\$
	Four resistance fasting 12:000 \$		4-,907			4	240,100	*
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) Research and Technology Development	12.910 \$		\$ 239,408	University of Colorado at Boulder	1563539		239,408	
Research and reclaimingy Development	Total Assistance Listing 12.910 \$		\$ 239,408	University of Colorado at Boulder	1003039	\$	239,408	
Attribution of Malicious Binaries	12.RD \$	701	s -			\$	701	\$
Non-Thermalized Carrier Photo Galvanic Device Science	12.RD	1,099	-				1,099	
Uptake and Bioaccumulation of Surface Derived PFAS	12.RD	116,775	-				116,775	
Uptake and Bioaccumulation of Surface Derived PFAS	12.RD	15,430	-				15,430	
Vertical Field Domain Wall Enabled Agile Microwave Materials	12.RD	136,205	-				136,205	
SPARTACUS-X Sparce Coding and Extraction of Ultrasound	12.RD	376,985	-				376,985	
Application of Non Thermal Plasma Technology	12.RD	415,685	-				415,685	2
JHU Switchable Filter Development RFP-816110	12.RD	-	61,963	Johns Hopkins University	CONTRACT # 172569		61,963	
TREBUCHET Homomorphic Encryption Using SPIRAL	12.RD	-	50,040	Carnegie Mellon University	1043212-442766; MOD 1		50,040	
Multiband Control Channel Architecture Soft ExoSkin Interface and Scale Up	12.RD 12.RD	-	50,000	Shared Spectrum Company Advanced Functional Fabrics of America, Inc.	2021-05; MOD 1		50,000	~
Thermal Shock Tolerant Tantalum Carbide Forming MAX Phase		-	705,026		SOW # 3; PO 977; HQ00342190016		705,026	25
Materials FHE & Textile Sensors for Multi-Domain Platoon Operations	12.RD	-	75,900	Materials Research & Design, Inc	MD21-DREX1; MOD 1		75,900	
Phase II	12.RD	-	1,004,706	FlexTech Alliance, Inc., dba NextFlex	AWARD DATED 10/25/2022 T9441		1,004,706	
Data Fusion and AI to Optimize Severe Brain Injury Management in Prolonged Care	12.RD	-	79,705	Moberg Research Inc.	SRA DATED 04/01/2022; MOD 1		79,705	
Prototype Project 3-Textile Garment Sublayer	12.RD	-	536,962	Advanced Functional Fabrics of America, Inc.	SOW # 2; PO 977; HQ00342190016		536,962	
Drexel Digital Design & Advanced Manufacturing Program (D3-	12.RD	-	97,975	UI Labs-MxD USA	20-22-01		97,975	
AMP) 20-22-01 Media Tampering Detection and Detection Countermeasures	12.RD			PAR Government Systems Corporation	FFP PGSC-SC-113233-01; P0002			
Artificial Social Intelligence for Successful Teams (ASIST)	12.RD 12. RD		72,464 3,523	Smart Information Flow Technologies LLC	ASIST-DREXEL-01; MOD 5		72,464 3,523	
Fabric Backplane System	12.RD	-	568,967	Advanced Functional Fabrics of America, Inc.	SOW #1; PO 977; HQ00342190016		568,967	
	Total Assistance Listing 12.RD \$	1,062,880	\$ 3,307,231			\$	4,370,111	\$ 6.
Total Department of Defense	\$	9,958,519	\$ 5,224,520			\$	15,183,039	\$ 5.07
DEPARTMENT OF THE INTERIOR								
U.S. FISH AND WILDLIFE SERVICE Adaptive Science	15.670 \$		\$ 20.262	National Fish and Wildlife Foundation	0403.21.072303	ŝ	30,362	
Adaptive Science	15.670	-	\$ 30,362 \$ 81,035	National Fish and Wildlife Foundation	68902; 0403.20.068902	¢.	30,302 81,035	ې د
Adaptive Science	15.670		\$ 35,429	National Fish and Wildlife Foundation	0403.20.070607		35,429	
Adaptive Science	15.670		336	Partnership for the Delaware Estuary	PDE-380-01		336	\$
	Total Assistance Listing 15.670 \$	-				\$	147,162	\$ 3
Total Department of the Interior	\$	-	\$ 147,162			\$	147,162	\$ 3
DEPARTMENT OF JUSTICE								
OFFICE OF JUSTICE PROGRAMS								
National Institute of Justice Research, Evaluation, and		175,809	\$ -			\$	175,809	\$ 1
	16,560 \$						-/0//	
Development Project Grants	16.560 \$	1/5,009						
Development Project Grants National Institute of Justice Research, Evaluation, and	16.560 \$ 16.560	-	(1,461)	Rutgers University	PO#568091 Sub No. 0060		(1,461)	
Development Project Grants	16.560	-		Rutgers University	PO#568091 Sub No. 0060	\$		\$ 1
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE		-	\$ (1,461)			\$	(1,461) 174,348	\$:
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants	16.560 Total Assistance Listing 16.560 16.710 \$	- 175,809 -	\$ (1,461) \$ 20,781	Rutgers University Philadelphia School District	PO#568091 Sub No. 0060 2470/F20 ; 956-590368;3HSX-G34	\$	174,348 20,781	\$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE	16.560 Total Assistance Listing 16.560 \$	- 175,809 -	\$ (1,461)			\$ \$	174,348	\$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710	- 175,809 -	\$ (1,461) \$ 20,781 \$ 20,781	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174.348 20,781 20,781	\$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants	16.550 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 \$	- 175,809 -	\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547			\$	174,348 20,781 20,781 20,547	\$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710	- 175,809 -	\$ (1,461) \$ 20,781 \$ 20,781	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174.348 20,781 20,781	\$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program	16.360 Total Assistance Listing 16.360 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 Total Assistance Listing 16.817 \$		\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174,348 20,781 20,781 <u>20,547</u> 20,547	\$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS	16.550 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 \$	- 175,809 -	\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174,348 20,781 20,781 20,547	\$ \$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 Total Assistance Listing 16.817 \$ 16.839 \$	- 175,809 - - - 165,248	\$ (1,451) \$ 20,781 \$ 20,781 \$ 20,781 \$ 20,547 \$ 20,547 \$ - \$ -	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174,348 20,781 20,781 20,547 20,547 165,248	\$ \$ \$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program STOP School Violence Total Department of Justice DEPARTMENT OF STATE	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 Total Assistance Listing 16.817 \$ Total Assistance Listing 16.839 \$ Total Assistance Listing 16.839 \$	- 175,809 - - - - - - - - - - - - - - - - - - -	\$ (1,451) \$ 20,781 \$ 20,781 \$ 20,781 \$ 20,547 \$ 20,547 \$ - \$ -	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174,348 20,781 20,781 20,547 20,547 165,248 165,248	\$ \$ \$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program STOP School Violence Total Department of Justice DEPARTMENT OF STATE OFFICE OF THE UNDER SECRETARY FOR PUBLIC DIPLOMACY AND PI	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.817 \$ 16.817 Total Assistance Listing 16.817 \$ 16.839 Total Assistance Listing 16.839 \$ \$ Total Assistance Listing 16.839 \$ \$ JBLIC AFFAIRS	- 175,809 - - - - - - - - - - - - - - - - - - -	\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547 \$ 20,547 \$ 20,547 \$ - \$ - \$ 39,867	Philadelphia School District Mount Vernon Manor	2470/F20 ; 956-590368;3HSX-G34 15PBJA-21-66-04111-BCJI	\$	174,348 20,781 20,781 20,547 20,547 165,248 165,248 380,924	\$ \$ \$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program STOP School Violence Total Department of Justice DEPARTMENT OF STATE	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.710 \$ 16.817 Total Assistance Listing 16.817 \$ 16.839 Total Assistance Listing 16.839 \$ 28LIC AFFAIRS 19.040 \$	- 175,809 - - - - - - - - - - - - - - - - - - -	\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547 \$ 20,547 \$ 20,547 \$ - \$ - \$ 39,867 \$ 951	Philadelphia School District	2470/F20;956-590368;3HSX-G34	\$	174,348 20,781 20,781 20,547 20,547 165,248 165,248 380,924 951	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Development Project Grants National Institute of Justice Research, Evaluation, and Development Project Grants COMMUNITY ORIENTED POLICING SERVICE Public Safety Partnership and Community Policing Grants OFFICE OF JUSTICE PROGRAMS Byrne Criminal Justice Innovation Program STOP School Violence Total Department of Justice DEPARTMENT OF STATE OFFICE OF THE UNDER SECRETARY FOR PUBLIC DIPLOMACY AND PI	16.560 Total Assistance Listing 16.560 \$ 16.710 Total Assistance Listing 16.817 \$ 16.817 Total Assistance Listing 16.817 \$ 16.839 Total Assistance Listing 16.839 \$ \$ Total Assistance Listing 16.839 \$ \$ JBLIC AFFAIRS	- 175,809 - - - - - - - - - - - - - - - - - - -	\$ (1,461) \$ 20,781 \$ 20,781 \$ 20,547 \$ 20,547 \$ 20,547 \$ - \$ - \$ 39,867 \$ 951	Philadelphia School District Mount Vernon Manor	2470/F20 ; 956-590368;3HSX-G34 15PBJA-21-66-04111-BCJI	\$	174,348 20,781 20,781 20,547 20,547 165,248 165,248 380,924	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

deral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditure	Passed s Sub-Recipi
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							
Aviation Research Grants	20.108 \$ Total Assistance Listing 20.108 \$	448,046 448,046					046 \$ 046 \$
Air Transportation Centers of Excellence Air Transportation Centers of Excellence Air Transportation Centers of Excellence	20.109 \$ 20.109 20.109 Total Assistance Listing 20.109 \$	643,792 - 643,792	2,410	FAA-ASSURE(Alliance System Safety UAS Research Excellence)	15-C-UAS-DU-07	2,	792 \$ 410
FEDERAL HIGHWAY ADMINISTRATION	Total Assistance Listing 20.109 \$	043,/92	¢ 2,410			φ 040,.	202 \$
Highway Research and Development Program	20.200 \$ Total Assistance Listing 20.200 \$	248,548 248,548	\$ - \$ -			\$ 248, \$ 248,	548 \$ 1 548 \$ 1
Public Transportation Innovation	20.53 Total Assistance Listing 20.530 \$		\$ <u>349,464</u> \$ <u>349,464</u>	Southeastern Pennsylvania Transportation Authority	N0076	\$ 349.4 \$ 349.4	
Total Department of Transportation	\$	1,340,386	\$ 351,874			\$ 1,692,5	260 \$ 1
DEPARTMENT OF TREASURY DEPARTMENTAL OFFICES							
Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States	21.015 \$	-	\$ 33,600	University of Southern Mississippi	8006493; PO: 34276	\$ 33,6	ioo \$
	Total Assistance Listing 21.015 \$	-	\$ 33,600				500 \$
Total Department of Treasury	\$	-	\$ 33,600			\$ 33.0	500 \$
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION							
Science Science	43.001 \$ 43.001	396,775	2,057	Jet Propulsion Laboratory (NASA)	1674020; MOD 1	2,0	775 \$ 5 957
Science	43.001 Total Assistance Listing 43.001 \$	396,775	7,182 \$ 9,239	The University of Texas at Dallas	22010677		182 014 \$ 5
Office of Stem Engagement (OSTEM)	43.008 \$ Total Assistance Listing 43.008 \$	-	\$ 11,658 \$ 11,658	Penn State University	S000756-NASA; MOD 5		558 \$ 558 \$
High Energy Density and High Cycle Life Lithium -Sulfur Battery	43.RD \$		\$ 882	Giner, Inc	403275; MOD 1	\$ 8	382 \$
for Electrified Aircraft Propulsion	Total Assistance Listing 43.RD \$	-	\$ 882			\$ 8	382 \$
Total National Aeronautics and Space Administration	\$	396,775	\$ 21,779			\$ 418.	554 \$ 5
VATIONAL ENDOWMENT FOR THE ARTS NATIONAL ENDOWMENT FOR THE ARTS							
Promotion of the Arts Grants to Organizations and Individuals Promotion of the Arts Grants to Organizations and Individuals	45-024 \$ 45-024	80,350	\$ - 130,068	Henry M. Jackson Foundation for Advancement of Military Medi	SUBAWARD #5896/ PO 1040662	\$ 80,	350 \$ x68
Promotion of the Arts Grants to Organizations and Individuals	45.024 Total Assistance Listing 45.024	80,350	42,370	Henry M Jackson F. for Advancement of Military Medicine	42370; PO 1040659; 66649	\$ 252	370 788 \$
NATIONAL ENDOWMENT FOR THE HUMANITIES	Total Assistance Listing 43.014 🕴	00,330	¢ 1/2,430			φ - 0-γ/	,00 ¢
Promotion of the Humanities Division of Preservation and Access	45.149 \$	136,887	s -			\$ 136,8	387 \$
THE INSTITUTE OF MUSEUM AND LIBRARY SERVICES	Total Assistance Listing 45.149 \$	136,887	\$ -			\$ 136,8	887 \$
THE INSTITUTE OF MUSEUM AND LIBRARY SERVICES Museums for America	45.301 \$ Total Assistance Listing 45.301	30,912 30,912	s - s -				912 \$ 912 \$
National Leadership Grants	45.312 Total Assistance Listing 45.312 \$	52,517 52,517					517 \$ 1 517 \$ 1
Laura Bush 21st Century Librarian Program	45:313 Total Assistance Listing 45:313 \$	415,394 415,394	<u>s -</u> s -			\$ 415.3 \$ 415.3	394 \$ 6 394 \$ 6
Total National Endowment for the Arts	\$	716,060	\$ 172,438			\$ 888,4	198 \$ 7
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION							
Engineering Engineering	47.041 \$ 47.041	3,420,679	\$ - 29,924	University of Maryland	85694-Z3513201; MOD A	\$ 3,420,0 29,0	579 \$ 50 924
Engineering	47.041	-	71,379	Widener University	#2/#33444; MOD 3	71,	379
Engineering	47.041	-	513	Texas A&M University	M2100218		513

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards For the Year Ended June 30, 2023

$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c}$	ral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditur	Passed es Sub-Recipi	
Lipporting Control Contro Control Control	Engineering	47.041		29,310	University of Pennsylvania	582936; MOD 1	29	310	
$ \begin{array}{c} \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $	Engineering		-	19,532	SusMaX LLC	2126564	19	532	
Midmania da Mijala dokana Midmania da Mijala dokana Mijala dokana Midmania da Mijala dokana Mijala dokana M		Total Assistance Listing 47.041 \$	3,420,679	\$ 150,658			\$ 3,571	337 \$ 50	
Midmania da Mijala dokana Midmania da Mijala dokana Mijala dokana Midmania da Mijala dokana Mijala dokana M	Mathematical and Physical Sciences	47.049 \$	2.849.067	s -			\$ 2.849	067 \$ 4	
Methanical ad Physical Materia $\frac{1}{1000}$ $\frac{1}{10000}$ $\frac{1}{100000}$ $\frac{1}{1000000}$ $\frac{1}{10000000000000000000000000000000000$				\$ 96,909	University of Pennsylvania	SUB # 583087 PO # 4722006			
$ \frac{1}{10000000000000000000000000000000000$									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			2,849,067						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									
$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c}$	Geosciences			<u>s</u> - s -					
Compare al legandia Compare al legandia <thcompare al="" legandia<="" th=""> Compare al legandia</thcompare>									
Complex and Education Solices and Engineering Total Assistance Listing 47:00% $\frac{5000}{200000000000000000000000000000000$			2,574,843		Colorado Sobool of Minor	1000000 5801 00			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			-						
$ \begin{array}{c} \label{eq:holes} \label{eq:holes} \\ \label{eq:holes} \\ \begin{tabular}{lllllllllllllllllllllllllllllllllll$	Computer and Information Science and Engineering		2 574 842		University of Texas at El Paso	226101089A; MOD 1			
Biological Senses d'0/4 Biological Senses d'0/4 Biological Senses guidge ASR		Total Assistance Listing 4/10/0 \$	2,5/4,643	¢ 14/,0/5			φ 2,/22	,/10 ¢ 10	
Biological Sciences $d_1 D_1^{D_1}$ Total Astaktizene Listing 4,70° Total Astaktizene Listing 4,70° T			1,349,751						
$ \begin{array}{ $		47.074	-	21,370		310842-ANSP	21	370	
Total Assistance Liking 47:074 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 32.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 4 30.073 8 5 30.073 8 6			-						
Solid, Bahrond, and Economic Meeters 4000 Total Assistance lating 47:007 0 4 1992/2 4	Biological Sciences		-		University of Kansas Center for Research	FY2023-025			
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		Total Assistance Listing 47.074 \$	1,349,751	\$ 48,105			\$ 1,397	856 \$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Social, Behavioral, and Economic Sciences	47.075 \$	199,232	\$ -			\$ 199	232 \$ 4	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Total Assistance Listing 47.075 \$	199,232	\$ -			\$ 199	232 \$ 4	
STIM Elaction (Stremely Elaction and Human Resources) 27,0% - 32,4,44 Ubinerity of Visconian 785(50,77,962;100.5) 32,4,44 STIM Elaction (Stremely Elaction and Human Resources) 27,0% - 31,5,44 Elaction (Stremely Elaction and Human Resources) 27,0% - 31,5,44 Elaction (Stremely Elaction and Human Resources) 27,0% - 31,5,44 Elaction (Stremely Elaction and Human Resources) 10,000 - 10,540 STIM Elaction (Stremely Elaction and Human Resources) 27,0% - 4,404 Company Elanders - - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - 10,560 - - - 10,560 -	CTEM Education (formerly Education and Human Becomerce)	47 OFF	4 199 000				*	007 \$ 60	
STM Relaction (formerly Relaction and Human Resources) 4,076 - 17,779 Back Courty Community Collige 1000073 (001 17,779 STM Relaction (formerly Relaction and Human Resources) 4,076 - 50,664 Nothenaters Califering's 200009,476,902 30,664 STM Relaction (formerly Relaction and Human Resources) 4,076 - 50,664 Nothenaters Califering's 2000,476,902 30,664 Office of International Sciences and Engineering 4,070 4 4 22,642 4 4 22,642 4 4 22,642 4 4 22,642 4 4 22,642 4 4 22,642 4 4 22,642 4 4 4,522,64 4 4 4,522,64 4 4 4,522,64 4 4 4,522,64 4 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 4,522,64 4 2,52,65 5			4,100,32/		Their consists of Wissensin	realized instead MOD r			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	STEM Education (formerly Education and Human Resources)		-						
$ \begin{array}{c} \mbox{STM} \mbox{Eduction} \mbox{(server)} \mbox{Kluction and Human Resources} \\ \mbox{STM} \mbox{Kluction} \mbox{Human Resources} \\ \mbox{STM} \mbox{Human Resources} \\ \$			-						
STM Eduction (formerly Eduction and Huma Resources) 4,70% - 4,40 Georgia Research Alliance 212323 - DRESEL: 202003 4,404 STM Eduction (formerly Eduction and Huma Resources) 7,0% - 4,40 1000 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>			-						
STME Education (formerly Education and Human Resource) $4,0.76^{\circ}$ $ 0,000$ University of Transese $A_{23}-032-8002: MO1$ $\frac{1}{8}$ $\frac{10,000}{8}$ Office of International Science and Engineering $4,0.79$ $\frac{4}{8}$ $ \frac{4}{8}$ $22,642$ $\frac{8}{8}$			-						
Total Assistance Listing 47:07% $\frac{4}{5}$ $\frac{4}{385,327}$ $\frac{8}{39,9627}$ Office of International Science and Engineering $\frac{4}{70,7\%}$ $\frac{8}{5}$ $\frac{2}{22,642}$ $\frac{8}{5}$ $\frac{2}{22,642}$ Integrative Activities $\frac{47,0\%}{104 Assistance Listing 47:0.83}$ $\frac{8}{5}$ $\frac{1227,938}{10,838}$			-						
Office of International Science and Engineering 47.079 Total Assistance Listing 47.079 $\frac{5}{8}$ $\frac{5}{22.5,42}$ $\frac{5}{8}$ $\frac{22.5,42}{22.5,42}$ Integrative Activities $1.022,938$ $\frac{5}{8}$ $\frac{1.022,938}{22.5,938}$ $\frac{1.022,938}{8}$	STEM Education (formerly Education and Human Resources)		-		University of Tennessee	A23-0132-S002 ; MOD 1			
$ \begin{array}{ c c c c c c } \hline Total Assistance Listing 47.070 & & & & 22.642 & & & & & & & & & & & & & & & & & & &$		Total Assistance Listing 47.076 \$	4,188,327	\$ 139,627			\$ 4,327	954 \$ 63	
$ \begin{array}{ c c c c c c } Total Assistance Listing 47.079 & & & & 22.642 & & & & & & & & & & & & & & & & & & &$	Office of International Science and Engineering	47.079 \$	-	\$ 22,642			\$ 22	642 \$	
Total Assistance Listing 47,083\$L227,83\$-\$1.227,83\$NSF Technology, Innovation, and Partnerships $\frac{47,064}{104}$ $\frac{48,024}{5}$ $\frac{4}{5}$ $\frac{48,024}{5}$ $\frac{4}{5}$ $\frac{48,024}{5}$ $\frac{4}{5}$ $\frac{48,024}{5}$ $\frac{4}{5}$ Dr Ying Sun NSF IPA Agreement Dr Michele Kogen NSF IPA Agreement Dr Michele Kogen NSF IPA Agreement $\frac{47,RD}{47,RD}$ $\frac{4}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ $$ $\frac{8}{5}$ $\frac{48,024}{5}$ $\frac{8}{5}$ Total Assistance Listing 47, RD $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ $$ $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ Total Assistance Listing 47, RD $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ $$ $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ Total Assistance Listing 47, RD $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ $$ $\frac{8}{5}$ $\frac{155,022}{52,753}$ $\frac{8}{5}$ Total Assistance Listing 64,054 $\frac{8}{5}$ $-\frac{8}{5}$ $\frac{228,259}{228,259}$ Worester Polytechnic Institute $\frac{8}{5}$ $\frac{228,259}{5}$ Total Department of Veterans Affairs $\frac{65,450}{104}$ $\frac{8}{5}$ $-\frac{8}{5}$ $\frac{3244}{3}$ Barnegat Bay National Estuary Program $RPi0-105$ $\frac{9}{5}$ $\frac{3244}{5}$ Regional Welland Program Development Grants $\frac{66,461}{104}$ $\frac{8}{5}$ $-\frac{8}{5}$ $\frac{3244}{3}$ New Jensey Sea Grant Consortium $4904-0048$ $\frac{9}{5}$ $\frac{12,059}{5}$ Geographic Programs $\frac{66,466}{5}$ $\frac{8}{5}$ $-\frac{8}{5}$ $\frac{32,040}{$		Total Assistance Listing 47.079 \$	-						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Textographics Astrophics		1 0 0T 0 00	•				0-0	
$\frac{47,084}{1 \text{ total Assistance Listing 47,084}} \left \begin{array}{c} \frac{48,924}{8} \\ \frac{48,924}{48,924} \\ \frac{8}{8} \\ \frac{8}{48,924} \\ \frac{8}{8} \\ \frac{8}{3,928} \\ $	Integrative Activities								
$ \frac{1}{126} 1$		Total Assistance Listing 47.063 \$	1,227,030	•			\$ 1,22/,	030 \$	
$\frac{47, RD}{Dr Michelle Rogen NSF IPA Agreement}$ $\frac{47, RD}{47, RD}$ $\frac{47, RD}{T Otal Assistance Listing 47, RD}$ $\frac{5}{32,7/31}$ $\frac{5}{32,7/31}$ $\frac{7}{37,741}$ $\frac{7}{37,740,780}$ \frac	NSF Technology, Innovation, and Partnerships			8 -					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Total Assistance Listing 47.084 \$	48,924	\$ -			\$ 48	924 \$	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Dr. Ying Sun NSF IPA Agreement	47.RD \$	15,022	\$ -			\$ 15	022 \$	
Total Assistance Listing 47.RD $$$ <t< td=""><td></td><td></td><td></td><td>· .</td><td></td><td></td><td></td><td></td></t<>				· .					
Total National Science Foundation $$$$ 16,128,110 $$$$ 612,870 $$$$ $$$$ 16,740,989 $$$ 1.37PARTMENT OF VETERANS AFFAIRS VA HEALT HOMINISTRATION CENTER Research and Development $$$$ 16,054 $$$$ $$$$ 228,269Worcester Polytechnic Institute1065-GR; MOD 2 $$$$ $$$ $$$ 228,269 $$$$ Total Assistance Listing 64.054 $$$$ $$$ $$$ $$$ $228,269$ Worcester Polytechnic Institute1065-GR; MOD 2 $$$$ <th< td=""><td></td><td></td><td>0111</td><td>\$ -</td><td></td><td></td><td></td><td></td></th<>			0111	\$ -					
PARTMENT OF VETERANS AFFAIRS VA IEALTH ADMINISTRATION CENTER Research and Development Total Assistance Listing 64.054 $\frac{\$}{\$}$ $-\frac{\$}{\$}$ $\frac{228,269}{228,269}$ 3 $228,269$ $$3$ 3 2244 $$3$ 3 3 3 3 3 4 8 8 8 8 8 8 8 8 8 8				•			+ 0-		
VA HEALTH ADMINISTRATION CENTER Research and Development 64.054 Total Assistance Listing 64.054 Total Assistance Listing 64.054 $1000000000000000000000000000000000000$	Total National Science Foundation	\$	16,128,119	\$ 612,870			\$ 16,740.	989 \$ 1,37	
Research and Development $64,054$ Total Assistance Listing $64,054$ Total Assistance Listing $64,054$ Total Assistance Listing $64,054$ $$$$ $$$$ $228,259$ Worcester Polytechnic Institute 11055 -GR; MOD 2 $$$$ $$$$ $$228,259$ $$$$ $$$$ Total Department of Veterans Affairs $$$$ $$$$ $$$$ $$28,259$ $$$$ $$$$ $$28,259$ $$$$ $$$$ $$$$ $$28,259$ $$$	PARTMENT OF VETERANS AFFAIRS								
Total Assistance Listing 64.054 $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{228,269}$ $\frac{1}{8}$ $\frac{1}{228,269}$ Total Department of Veterans Affairs $\frac{1}{8}$ <th colspan<="" td=""><td>VA HEALTH ADMINISTRATION CENTER</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>VA HEALTH ADMINISTRATION CENTER</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	VA HEALTH ADMINISTRATION CENTER							
Total Assistance Listing 64.054 $\$$ $ \$$ $228,269$ $$$ $228,269$ $$$		64.054 \$	-	\$ 228.269	Worcester Polytechnic Institute	11065-GR: MOD 2	\$ 228	260 \$	
Total Department of Veterans Affairs \$			-			1000 014 0100 -			
INTERD STALP ROTECTION AGENCY ENVIRONMENTAL PROTECTION AGENCY ENVIRONMENTAL PROTECTION AGENCY ENVIRONMENTAL PROTECTION AGENCY IN nopoint Source Implementation Grants 66.460 $\$$ $ \$$ 3.244 Barnegat Bay National Estuary ProgramRP10-105 $\frac{\$$ 3.244 $\$$ Regional Wetland Program Development Grants 66.461 $\frac{\$$ $ \$$ 3.244 $\$$ $\$$ 3.244 $\$$ Geographic Programs - Chesapeake Bay Program 66.466 $\$$ $ \$$ 12.609 New Jersey Sea Grant Consortium $4904-0048$ $\frac{\$}{\$}$ 12.609 $\$$ Geographic Programs - Chesapeake Bay Program 66.466 $\$$ $ \$$ 50.460 Chesapeake Conservancy Inc.CB-96363001-0; YEAR 5 $\$$ 50.460 $$400024510$ <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
ENVIRONMENTAL PROTECTION AGENCY Nonpoint Source Implementation Grants 66.460 \$ - \$ 3.244 Barnegat Bay National Estuary Program RP10-105 \$ 3.244 \$ Regional Welland Program Development Grants 66.461 \$ - \$ 3.244 \$ \$ 3.244 \$ Regional Welland Program Development Grants 66.461 \$ - \$ 12,609	Total Department of Veterans Affairs	\$	-	\$ 228,269			\$ 228	269 \$	
ENVIRONMENTAL PROTECTION AGENCY Some particular program Second Wetland Program Source Implementation Grants 66.460 $$$ $-$$ 3.244 Barnegat Bay National Estuary Program RP10-105 $$$ 3.244 $$$ Regional Wetland Program Development Grants 66.460 $$$ $-$$ 3.244 $$$	STEED STATES ENVIRONMENTAL PROTECTION AGENCY								
Nonpoint Source Implementation Grants $66,60$ Total Assistance Listing 66.40 $\$$ $ \$$ $3,244$ Barnegat Bay National Estuary ProgramRP10-105 $\frac{\$}{3}$ $3,244$ $\frac{\$}{3}$ Regional Wethand Program Development Grants 66.461 $\frac{\$}{3}$ $ \$$ $12,609$ New Jersey Sea Grant Consortium $4904-0048$ $\frac{\$}{12,609}$ $\frac{12,609}{$}$ Geographic Programs - Chesapeake Bay Program 66.466 \bullet $ \$$ $50,460$ Chesapeake Conservancy Inc.CB-96363001-0; YEAR 5 $\frac{$}{$}$ $50,460$ Geographic Programs - Chesapeake Bay Program $66,466$ $ \$$ $50,460$ Chesapeake Conservancy Inc.CB-96363001-0; YEAR 5 $\frac{$}{$}$ $50,460$ $ -$									
Total Assistance Listing 66.460 \$ \$ 3.244 \$ Regional Wetland Program Development Grants 66.461 \$ - \$ 12.609 New Jersey Sea Grant Consortium 4904-0048 \$ 12.609 \$ Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 12.609 New Jersey Sea Grant Consortium 4904-0048 \$ 12.609 \$ Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50.400 Chesapeake Conservancy Inc. CB-96363001-0; YEAR 5 \$ 50.400 \$ Geographic Programs - Chesapeake Bay Program 66.466 \$ - 64.999 PA Department of Environmental Protection 4400024510 \$ 50.400 \$		66.460		e 0.044	Removed Rev National Estnery Program	PPio-105	*		
Regional Wetland Program Development Grants 66.461 \$ - \$ 12.609 New Jersey Sea Grant Consortium 4904-0048 \$ 12.609 \$ Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50.460 Chesapeake Conservancy Inc. CB-96363001-0; YEAR 5 \$ 50.460 \$ Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50.460 Chesapeake Conservancy Inc. CB-96363001-0; YEAR 5 \$ 50.460 \$	Nonpoint Source implementation Grants		-		barnegat bay National Estuary Program	KP10-105			
Total Assistance Listing 66.461 - \$ 12,609 Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50,460 Chesapeake Conservancy Inc. CB-95363001-0; YEAR 5 \$ 50,460 \$ Geographic Programs - Chesapeake Bay Program 66.466 - 64.999 PA Department of Environmental Protection 4400024510 64.999		Total Assistance Listing 66.460 \$	-	\$ 3, 244			ə 3	244 \$	
Total Assistance Listing 66.461 - \$ 12,609 Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50,460 Chesapeake Conservancy Inc. CB-95363001-0; YEAR 5 \$ 50,460 \$ Geographic Programs - Chesapeake Bay Program 66.466 - 64.999 PA Department of Environmental Protection 4400024510 64.999	Party distributed Providence (Constru	11.12 A			No. I solo contraction			· · · ·	
Geographic Programs - Chesapeake Bay Program 66.466 \$ - \$ 50.460 Chesapeake Conservancy Inc. CB-96363001-0; YEAR 5 \$ 50.460 Geographic Programs - Chesapeake Bay Program 66.466 - 64.999 PA Department of Environmental Protection 4400024510 64.999	Regional Wetland Program Development Grants		-		New Jersey Sea Grant Consortium	4904-0048			
Geographic Programs - Chesapeake Bay Program 66.466 - 64.999 PA Department of Environmental Protection 4400024510 64.999		Total Assistance Listing 66.461 \$	-	ə 12,609			\$ 12	609 Ş	
Geographic Programs - Chesapeake Bay Program 66.466 - 64.999 PA Department of Environmental Protection 4400024510 64.999	Geographic Programs - Chesaneake Bay Program	66.466	-	\$ 50.460	Chesapeake Conservancy Inc.	CB-96363001-0: YEAR 5	\$ 50	460 \$	
			-				+ 30		
	coollighter rightens - cucadrance with righten	Total Assistance Listing 66.466 \$			and appartment of Earth on mental a rotection	44000-4010			

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards For the Year Ended June 30, 2023

leral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Tot Expend	al I itures Sub	Passed t -Recipi
Science To Achieve Results (STAR) Research Program	66.509 \$	225,282	s -				225,282 \$	85
						*		
Science To Achieve Results (STAR) Research Program	66.509 Total Assistance Listing 66.509 \$	225,282	\$ 36,149 \$ 36,149	University of Michigan	SUBK00014866; 3006732844	\$	36,149 261,431 \$	8
	Total Assistance Listing 00.509 \$	223,262	o 30,149			*	201,431 \$	00
Regional Applied Research Efforts (RARE)	66.517 \$	-	\$ -			\$	- \$	
	Total Assistance Listing 66.517 \$	-	\$ -			\$	- \$	
Total United States Environmental Protection Agency	\$	225,282	\$ 167,461			\$	392,743 \$	89
DEPARTMENT OF ENERGY ENERGY								
ENERGY Office of Science Financial Assistance Program	81.049 \$	912,898	\$ -			\$	912,898 \$	
Office of Science Financial Assistance Program	81.049	-	244,400	Oak Ridge National Laboratory/Dept of Energy	PO 4000192537		244,400	
Office of Science Financial Assistance Program	81.049	-	(387)	Argonne National Laboratory	SUB 7F-30116; MOD 0004		(387)	
Office of Science Financial Assistance Program	81.049		616	State University of New York	68856 /1149710/2; MOD3		616	
Office of Science Financial Assistance Program	81.049	-	46,545	Giner, Inc	407361	\$ 1.	46,545	
	Total Assistance Listing 81.049 \$	912,898	\$ 291,174			\$ 1,	204,072 \$	
Conservation Research and Development	81.086 \$	450,911				\$	450,911 \$	18
Conservation Research and Development	81.086		5,161	Texas A&M University	M2001449; MOD 2		5,161	
Conservation Research and Development	81.086	-	151,489	Texas A&M University	M2001971; MOD 2		151,489	
Conservation Research and Development	81.086 Total Assistance Listing 81.086 \$	450,911	47.377 \$ 204.027	Giner, Inc	406599	\$	47,377	1
	Total Assistance Listing 81.086 \$	450,911	\$ 204,027			à	654,938 \$	1
Renewable Energy Research and Development	81.087 \$	32,357	\$ -			\$	32,357 \$	
Renewable Energy Research and Development	81.087	-	70,450	University of Delaware	59300, MOD 1		70,450	
	Total Assistance Listing 81.087 \$	32,357	\$ 70,450			\$	102,807 \$	
Advanced Research Projects Agency - Energy	81.135 \$	107,787					107,787 \$	
Advanced Research Projects Agency - Energy	Total Assistance Listing 81.135	107,787				\$	107,787 \$	
Collaborative Research: Using Sparse/Efficient Coding and								
Predictive Processing to Model Optical Recordings from Mouse	81.RD \$	-	\$ 68,385	DOE-Pacific Northwest National Laboratory	605843;DE-AC05-76RL01830	\$	68,385 \$	
V1 Simple Cells				-				
Superconducting Materials and Devices for Quantum Sensing	81.RD	-	32,033	Argonne National Laboratory	2F-60198; M0001		32,033	
Advanced PILBC Ionomer Composites for Durable Heavy Duty PEMFC's	81.RD	-	58,057	University of California Lawrence Berkeley National Labs	7626956; MOD 1		58,057	
PEDIPC 5	Total Assistance Listing 81.RD \$	-	\$ 158,475			ŝ	158,475 \$	
Total Department of Energy	\$	1,503,953					228,079 \$	2
DEPARTMENT OF EDUCATION	<u>*</u>	40/0/900	0 /24,120			<u> </u>	,220,0/9 ¥	-
OFFICE OF POSTSECONDARY EDUCATION								
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and								
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies	84.015 \$	-	\$ 315	University of Pennsylvania	P015A180141 ; 575240; MOD 4	\$	315 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and	84.015 \$	-	\$ 315	University of Pennsylvania	P015A180141 ; 575240; MOD 4	\$	315 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015 \$	-	\$ 315	University of Pennsylvania	P015A180141 ; 575240; MOD 4	\$	315 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies						\$		
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship	84.015 \$ 84.015	-	\$ 315 21,548	University of Pennsylvania University of Pennsylvania	P015A180141 ; 575240; MOD 4 575256; MOD 5	\$	315 \$ 21,548	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies	84.015	-	21,548				21,548	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015 Total Assistance Listing 84.015 \$	-	21,548 \$ 21,863			\$	21,548 21,863 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement	84.015 Total Assistance Listing 84.015 84.120 \$	-	21,548 \$ 21,863 \$ -	University of Pennsylvania	575256; MOD 5		21,548 21,863 \$ 29,712 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015 Total Assistance Listing 84.015 84.120 84.120	- - 29,712	21,548 \$ 21,863 \$ - 3,186				21,548 21,863 \$ 29,712 \$ 3,186	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015 Total Assistance Listing 84.015 84.120 \$	-	21,548 \$ 21,863 \$ - 3,186	University of Pennsylvania	575256; MOD 5		21,548 21,863 \$ 29,712 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement	84.015 Total Assistance Listing 84.015 84.120 84.120	- 29,712 29,712	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186	University of Pennsylvania	575256; MOD 5	\$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$	- 29,712 29,712 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 \$ -	University of Pennsylvania	575256; MOD 5	\$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need INSTITUTE OF EDUCATION SCIENCES	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 84.200 Total Assistance Listing 84.200	- 29,712 29,712 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 \$ - \$ -	University of Pennsylvania University of Texas at El Paso	575236; MOD 5 226150855A ; MOD 03	\$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$,155,274 \$,155,274 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program. Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$ 84.200 Total Assistance Listing 84.200 \$ 84.324 \$	- 29,712 29,712 1,155,274 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>\$ -</u> \$ - \$ 60,492	University of Pennsylvania	575256; MOD 5	\$ \$ \$ \$ 1 \$ 1	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$,155,274 \$,155,274 \$ 60,492 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need INSTITUTE OF EDUCATION SCIENCES Research in Special Education	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 84.200 Total Assistance Listing 84.200	- 29,712 29,712 1,155,274 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 \$ - \$ -	University of Pennsylvania University of Texas at El Paso	575236; MOD 5 226150855A ; MOD 03	\$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$,155,274 \$,155,274 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and International Studies Program Area Studies relations and International Studies Program Distribution of the Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need INSTITUTE OF EDUCATION SCIENCES Research in Special Education OFFICE OF ELEMENTARY AND SECONDARY EDUCATION	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$ 84.200 Total Assistance Listing 84.200 \$ 84.200 \$ 84.200 Total Assistance Listing 84.200 \$ 84.324 \$ 84.324 \$ 84.324 \$ 84.324	- 29,712 29,712 1,155,274 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>8 -</u> \$ - \$ - \$ 60,492 \$ 60,492	University of Pennsylvania University of Texas at El Paso University of California, Davis	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3	\$ \$ \$ \$ 1 \$ 1	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$,155,274 \$,155,274 \$ 60,492 \$ 60,492 \$	
OFFICE OF POSTSECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need INSTITUTE OF EDUCATION SCIENCES Research in Special Education	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 \$ 1000 State 1 St	- 29,712 29,712 1,155,274 1,155,274	21,548 \$ 21,863 \$ 3,186 \$ 3,186 \$ 3,186 \$ - \$ - \$ 60,492 \$ 60,492 \$ 132,836	University of Pennsylvania University of Texas at El Paso	575236; MOD 5 226150855A ; MOD 03	\$ \$ \$ \$ 1 \$ 1	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$ 1,55,274 \$ 1,55,274 \$ 60,492 \$ 60,492 \$ 132,836 \$	
OFFICE OF POSTSBECONDARY EDUCATION National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and International Studies Program Mathematical Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science And	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 29,712 29,712 1,155,274 1,155,274 - - -	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>\$ -</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 132,836</u> <u>\$ 132,836</u>	University of Pennsylvania University of Texas at El Paso University of California, Davis	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 3,2898 \$ 155,274 \$ 60,492 \$ 60,492 \$ 132,836 \$ 132,836 \$	
OFFICE OF POSTSECONDARY EDUCATION Mational Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program Mational Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need INSTITUTE OF EDUCATION SCIENCES Research in Special Education OFFICE OF ELEMENTARY AND SECONDARY EDUCATION Arts in Education	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 \$ 1000 State 1 St	- 29,712 29,712 1,155,274 1,155,274	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>\$ -</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 132,836</u> <u>\$ 132,836</u>	University of Pennsylvania University of Texas at El Paso University of California, Davis	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 32,898 \$ 1,55,274 \$ 1,55,274 \$ 60,492 \$ 60,492 \$ 132,836 \$	
OFFICE OF POSTSECONDARY EDUCATION Mational Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Fellowship Program Mational Resource Centers Program for Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science and Engineering Improvement Graduate Assistance in Areas of National Need MSTITUTE OF EDUCATION SCIENCES Research in Special Education OFFICE OF ELEMENTARY AND SECONDARY EDUCATION Arts in Education	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 29,712 29,712 1,155,274 1,155,274 - - -	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>\$ -</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 132,836</u> <u>\$ 132,836</u>	University of Pennsylvania University of Texas at El Paso University of California, Davis	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 3,2898 \$ 155,274 \$ 60,492 \$ 60,492 \$ 132,836 \$ 132,836 \$	
OFFICE OF POSTSECONDARY EDUCATION Attional Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Forgarm and Foreign Language and Area Studies or Foreign Language and Area Studies or Foreign Language and Area Studies or Foreign Language and Area Studies Forgarm and Foreign Language and Forgarm and Foreign Language and Area Studies Forgarm and Foreign Language and Forgarm and Foreign Language and Area Studies Forgarm and Foreign Language and Forgarm and Forgarm and Forgarm and Foreign Language and Forgarm an	84.015 Total Assistance Listing 84.015 84.120 84.120 Total Assistance Listing 84.120 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 29,712 29,712 1,155,274 1,155,274 - - - - - - - - - - - - - - - - - - -	21,548 \$ 21,863 \$ - <u>3,186</u> \$ 3,186 <u>\$ -</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 60,492</u> <u>\$ 132,836</u> <u>\$ 132,836</u>	University of Pennsylvania University of Texas at El Paso University of California, Davis	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 3,186 3,2898 \$ 155,274 \$ 60,492 \$ 60,492 \$ 132,836 \$ 132,836 \$	
OFFICE OF POSTSECONDARY EDUCATION Antional Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Folgowship Program and Foreign Language and Area Studies Fellowship Program Mational Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Fellowship Program Minority Science and Engineering Improvement Minority Science Engineering Improvement Minority Science and Engineering Improvement Minority Science and Engineering Improvement Minority Science Engineer	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 \$ Total Assistance Listing 84.120 \$ 84.324 Total Assistance Listing 84.324 \$ 10tal Ass	- 29,712 29,712 1,155,274 1,155,274 - - - - - - - - - - - - - - - - - - -	21,548 \$ 21,863 \$ 1,863 \$ - <u>3,186</u> \$ 3,186 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania University of Texas at El Paso University of California, Davis Directed Vapor Technologies International Children's Hospital of Philadelphia	575256; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3 Award Dated 9/27/2022 GRT-0000783-0922 / PO20319074	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 31,86 32,898 \$ 155,274 \$ 155,274 \$ 155,274 \$ 132,836 \$ 132,836 \$ 132,836 \$ 403,363 \$ 4,101 \$	
OFFICE OF POSTSECONDARY EDUCATION Attional Resource Centers Program for Foreign Language and Area Studies or Foreign Language and Area Studies Forgram and Foreign Language and Area Studies or Foreign Language and Area Studies or Foreign Language and Area Studies or Foreign Language and Area Studies Forgram and Foreign Language and Forgram and Foreign Language and Forgram and Foreign Language and Area Studies Forgram and Foreign Language and Forgram and Forgram and Forgram and Foreign Language and Forgram and Foreign Language and Forgram and Forgram and Foreign Language and Forgram and Foreign Language and Foreig	84.015 Total Assistance Listing 84.015 \$ 84.120 \$ 84.120 Total Assistance Listing 84.120 \$ Total Assistance Listing 84.200 \$ 84.324 Total Assistance Listing 84.324 \$ Total Assistance Listing 84.324 \$ \$ Total Assistance Listing 84.324 \$ \$ assista	- 29,712 29,712 1,155,274 1,155,274 - - - - - - - - - - - - - - - - - - -	21,548 \$ 21,863 \$ - <u>3,186</u> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania University of Texas at El Paso University of California, Davis Directed Vapor Technologies International	575236; MOD 5 226150855A ; MOD 03 201700390-02; 4040-0001 ;MOD3 Award Dated 9/27/2022	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,548 21,863 \$ 29,712 \$ 31,86 32,898 \$ 155,274 \$ 155,274 \$ 60,492 \$ 60,492 \$ 60,492 \$ 403,363 \$	

ral Grantor / P	rogram or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number		Total enditures	Passed Sub-Recij
	Prevention of Disease, Disability, and Death by Infectious								
	Diseases	93.084 \$	-	\$ (3,104)	City of Philadelphia	1720467-04,05,06; 2120491-01	\$	(3,104)	Ş
		Total Assistance Listing 93.084 \$	-	\$ (3,104)			\$	(3,104)	\$
	Collaboration With the World Health Organization and its								
	Regional Offices for Global Health Security and the International	93.099 \$	-	\$ 7,190	University of Mississippi Medical Center	66111340819-02 ; MOD 03;YR 4	\$	7,190	\$
	Health Regulations (IHR 2005)						\$		
		Total Assistance Listing 93.099 \$		\$ 7,190			\$	7,190	Ş
FOOD AND I	DRUG ADMINISTRATION Food and Drug Administration Research	93.103 \$	175,485	s -			\$	175,485	s
		Total Assistance Listing 93.103 \$	175,485	\$ -			\$	175,485	\$
HEALTH RE	SOURCES AND SERVICES ADMINISTRATION								
	Maternal and Child Health Federal Consolidated Programs	93.110 \$	213,542	\$ -			\$	213,542	\$
	Maternal and Child Health Federal Consolidated Programs	93.110		\$ 10,000	University of North Carolina at Chapel Hill	UE7MC26282	\$	10,000	
	-	Total Assistance Listing 93.110 \$	213,542				\$	223,542	\$
NATIONAL I	INSTITUTES OF HEALTH								
	Environmental Health	93.113 \$	966,967	s -			\$	966,967	s :
	Environmental Health	93.113	-	7,303	University of Washington	UWSC10028 ; MOD 05		7,303	
	Environmental Health	93.113	-	69,366	Penn State University	S000443-NIH; MOD 2		69,366	
	Environmental Health	93.113	-	123,093	Johns Hopkins University School of Medicine	2004628645; MOD 3		123,093	
	Environmental Health	93.113	-	37,719	Johns Hopkins University School of Medicine	2004638646; MOD 3		37,719	
	Environmental Health	93.113	-	40,410	University of Michigan	SUBK00012483; 3006268810		40,410	
	Environmental Health	93.113	-	58,503	University of Wisconsin-Milwaukee	213405510; MOD 1		58,503	
	Environmental Health Environmental Health	93.113	-	155,433	Mount Sinai School of Medicine Philadelphia Regional Center Children's Environmental Health	0255-C301-4609; MOD 4		155,433	
	Environmental Health Environmental Health	93.113	-	10,215		P2CES033428		10,215	
	Environmental Health	93.113	-	59,203	Johns Hopkins University	2005768396		59,203	
	Environmental Health	93.113 Total Assistance Listing 93.113	966,967	\$ 573,884	University of California, Davis	A23-0842-S001	\$	12,639 1,540,851	\$
	Oral Diseases and Disorders Research	93.121 \$	67,999	s -			\$	67,999	ŝ
	Oral Diseases and Disorders Research	93.121	-11000	\$ 62,088	University of Connecticut Health Center	UCHC7-140298528-A2		62,088	
	Oral Diseases and Disorders Research	93.121		\$ 7,522	Children's Hospital of Philadelphia	PO: 20395658; GRT-00002376		7,522	
	Oral Diseases and Disorders Research	93.121 Total Assistance Listing 93.121	67,999	20,748	SINTX Technologies, Inc.	PO # 10110	\$	20,748 158,357	ś
		total resistance fasting your v	\$7,999	\$ 90,350			•	*3**337	÷
	Centers for Research and Demonstration for Health Promotion and Disease Prevention	93-135 \$	-	4 4477	University of South Carolina	23-4988	\$	4,497	\$
		Total Assistance Listing 93.135 \$	-	\$ 4,497			\$	4,497	\$
	Human Genome Research	93.172 \$	-	\$ 34,306	Children's Hospital of Philadelphia	3200860721 PO#20199014	\$	34,306	\$
	Human Genome Research	93.172		\$ 76,329	University of California, San Francisco	10993SC; MOD 04		76,329	
	Human Genome Research	93.172	-	69,956	Northeastern University	500777-78051; MOD 1	\$	69,956	^
		Total Assistance Listing 93.172 \$		\$ 180,591			\$	180,591	ş
	Research Related to Deafness and Communication Disorders	93-173 \$	685,376	\$ -			\$	685,376	\$
	Research Related to Deafness and Communication Disorders	93-173	-	14,548	Georgetown University	412748_GR412673-DU;7772933		14,548	
	Research Related to Deafness and Communication Disorders	93-173	-	22,284	University of Pennsylvania	574758; MOD 3		22,284	
		Total Assistance Listing 93.173 \$	685,376	\$ 36,832			\$	722,208	\$
	Research and Training in Complementary and Integrative	92.213 \$	53,656	s -			s	53,656	s
	Health	Total Assistance Listing 93.213 \$	53,656	\$ -			\$	53,656	\$
	Family Planning Services	93.217 \$		\$ 8.016	Access Matters	212501-1 MOD 2	s	8.016	s
	·	Total Assistance Listing 93.217 \$	-	\$ 8,016			\$	8,016	
	Mental Health Research Grants	93.242 \$	4,643,170				\$	4,643,170	\$
	Mental Health Research Grants	93.242	-	352	Harvard T.H. Chan School of Public Health	114205-1338-5097549		352	
	Mental Health Research Grants	93.242	-	(3,804)	New York University School of Medicine	18-A1-00-007376;111443		(3,804)	
	Mental Health Research Grants	93.242	-	63,575	Vulintus Inc.	R44MH119734-P2SUB1; MOD 2		63,575	
	Mental Health Research Grants	93.242	-	58,996	University of Pittsburgh Medical Center	AWD00003551 (135683-3) MOD 2		58,996	
	Mental Health Research Grants	93.242	-	19,183	Icahn School of Medicine at Mount Sinai	0255-E461-4609, MOD 2		19,183	
	Mental Health Research Grants Mental Health Research Grants	93.242 93.242	-	46,772 226,771	Temple University Temple University	263821-DREXEL PO#; P0692168. 263821		46,772 226,771	
			-						
	Mental Health Research Grants	93.242	-	462,837	Temple University	269291-DU		462,837	
	Mental Health Research Grants Mental Health Research Grants	93.242	-	22,626	Brigham and Women's Hospital Diagnostic Driving, Inc.	127906 ; MOD 1 3R43MH122035		22,626	
	areman meanth Research Grants	93.242 Total Assistance Listing 93.242	4,643,170	\$ 930,941	Diagnostic Driving, Inc.	3843811122035	\$	33,633 5,574,111	\$
CENTERS FO	OR DISEASE CONTROL AND PREVENTION								
CENTERS FO	OR DISEASE CONTROL AND PREVENTION Occupational Safety and Health Program	93.262 \$	44,343	s -			\$	44,343	\$

ral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number		Total senditures §	Passed Sub-Recipi
NATIONAL INSTITUTES OF HEALTH	00.070 *	101 000					101.000 (
Alcohol Research Programs Alcohol Research Programs	93.273 \$	421,323		SUNY at Binghamton University	91395-DREXEL UNIV.; MOD 2	\$	421,323 \$	ş
	93.273		203,783				203,783	
Alcohol Research Programs	93.273		40,408	Columbia University	1(GG017204-01); MOD 1		40,408	
Alcohol Research Programs	93.273 Total Assistance Listing 93.273	421,323	59,056 \$ 303.247	Trustees of Boston University	4500004213 MD 1 XF3XM9642N96	\$	59,056 724,570 \$	
	Total Assistance Listing 93.273 \$	421,323	\$ 303,247			\$	724,570 \$	>
Drug Abuse and Addiction Research Programs Drug Abuse and Addiction Research Programs	93.279 \$	4,199,169	\$ - 20,436	New York University	F1171-01; MOD 3	\$	4,199,169 \$	\$ 9
	93.279	-					20,436	
Drug Abuse and Addiction Research Programs	93.279	-	(7,914)	Temple University	254958-04 DRXL		(7,914)	
Drug Abuse and Addiction Research Programs	93.279	-	19,031	Temple University	265498-DU, MOD 1		19,031	
Drug Abuse and Addiction Research Programs	93.279	-	119,881	Johns Hopkins University School of Medicine	2004952819; MOD 2		119,881	
Drug Abuse and Addiction Research Programs	93.279	-	36,856	West Chester University of Pennsylvania	2021-3R15DA050102-01A1S1-01		36,856	
Drug Abuse and Addiction Research Programs	93.279	-	107,799	Hager Biosciences, LLC	AWARD DATED 9/29/2022; MOD 1		107,799	
Drug Abuse and Addiction Research Programs	93.279	-	64,534	University of California, San Diego	705669		64,534	
	Total Assistance Listing 93.279 \$	4,199,169	\$ 360,623			\$	4,559,792 \$	\$ 9
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286 \$	218,810	\$ -			\$	218,810 \$	\$
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	-	(24,410)	Thomas Jefferson University	40115V2; 080-30000-7008-S30901		(24,410)	
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	-	189,448	Thomas Jefferson University	080-30000-S30901; MOD 03		189,448	
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	-	251,325	North Carolina State University	2022-0216-02, MOD 2		251,325	
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	-	21,635	Children's Research Institute	30007496-02		21,635	
	Total Assistance Listing 93.286 \$	218,810	\$ 437,998			\$	656,808 \$	\$
Minority Health and Health Disparities Research	93-307 \$	3,911,681	s -			\$	3,911,681 \$	\$ 1,8
Minority Health and Health Disparities Research	93-307	0,,	37,491	Harvard University	115001-5111233; MOD 4	+	37,491	
Minority Health and Health Disparities Research	93-307	-	22,727	University of Pennsylvania	578558; MOD 3		22,727	
Minority Health and Health Disparities Research		-	21,914	Fox Chase Cancer Center	FCCC15126-05; MOD 06		21,914	
	93-307	-						
Minority Health and Health Disparities Research	93-307 Total Assistance Listing 93.307	3,911,681	69,920 \$ 152,052	Board of Trustees of the Leland Stanford Junior University	63085548-258225; MOD 1	\$	69,920 4,063,733 \$	\$ 1,8
Trans-NIH Research Support	93.310 \$	5,538,746	s -				5,538,746 \$	
Trans-NIH Research Support Trans-NIH Research Support		5,538,740	\$ (1,132)	Duke University	FUR ANT: and manuflaCODecome	2		ş 2,
	93.310				SUB AWD: 203-7772;5U2COD023375	*	(1,132)	
Trans-NIH Research Support	93.310 Total Assistance Listing 93.310 \$	5,538,746	\$ (581) \$ (1,713)	Duke University	SUBAWARD A03-2323	\$	(581) 5.537,033 \$	\$ 2,1
National Center for Advancing Translational Sciences	93.350 \$	-	\$ 154,631	Tufts Medical Center, Inc	5017623-SERV, MOD 5	\$	154,631 \$	\$
National Center for Advancing Translational Sciences	93.350	-	50,296	Tufts Medical Center, Inc	5017623_SERV; MOD 6		50,296	
					0)			
	Total Assistance Listing 93.350 \$	-	\$ 204,927		0,	\$	204,927 \$	\$
Nursing Research	93.361 \$	- 374,870	\$ -			\$ \$	374,870 \$	
Nursing Research	93.361 \$ 93.361		\$ - 4,772	Columbia University	3(GG014705-01); MOD 2	Ŧ	374,870 \$ 4,772	
Nursing Research Nursing Research	93.361 \$ 93.361 93.361		\$ - 4,772 43,285	University of Pennsylvania	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3	Ŧ	374,870 \$ 4,772 43,285	
Nursing Research	93.361 \$ 93.361		\$ - 4,772	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2	Ŧ	374,870 \$ 4,772	
Nursing Research Nursing Research	93.361 \$ 93.361 93.361 93.361 93.361	374,870	\$ - 4,772 43,285 5,285 18,071	University of Pennsylvania	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3	Ŧ	374,870 \$ 4,772 43,285	
Nursing Research Nursing Research Nursing Research	93.361 \$ 93.361 93.361 93.361		\$ - 4,772 43,285 5,285 18,071	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL; MOD 1	Ŧ	374,870 \$ 4,772 43,285 5,285	\$
Nursing Research Nursing Research Nursing Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.361 93.393 \$	374,870 - 374,870 3,950	\$ - 4,772 43,285 5,285 18,071 \$ 71,413 \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL; MOD 1	\$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$ 3,950 \$	\$ \$
Nursing Research Nursing Research Nursing Research Nursing Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.361 \$	374,870 - 374,870 3,950	\$ - 4,772 43,285 5,285 18,071 \$ 71,413 \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL; MOD 1	\$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$	\$
Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.363 \$ Total Assistance Listing 93.393	374,870 - 374,870 3,950 3,950	\$ - 4.772 43.285 5,285 18,071 \$ 71,413 \$ - \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL; MOD 1	\$ \$ \$ \$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$ 3,950 \$ 3,950 \$	\$ 5 5 5
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 70 tal Assistance Listing 93.393 \$ 70 tal Assistance Listing 93.393 \$ 93.394 \$	374,870 - 374,870 3,950 3,950	\$ - 4.772 43.285 5,285 18,071 \$ 71,413 \$ - \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL; MOD 1	\$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$ 3,950 \$	\$ 5 5 5
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.361 \$ 70 tal Assistance Listing 93.393 \$ 70 tal Assistance Listing 93.393 \$ 93.394 \$	374,870 - 374,870 3,950 3,950	\$ - 4.772 43.285 5,285 18,071 \$ 71,413 \$ - \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL, MOD 1	\$ \$ \$ \$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$ 3,950 \$ 3,950 \$	\$ 5 5 5
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 70 tal Assistance Listing 93.393 \$ 70 tal Assistance Listing 93.393 \$ 93.394 \$	374,870 - 374,870 3,950 3,950	\$ - 4,772 43,285 5,285 18,071 \$ 71,413 \$ - \$ - \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL, MOD 1	\$ \$ \$ \$	374,870 \$ 4,772 43,285 5,285 18,071 446,283 \$ 3,950 \$ 3,950 \$	\$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.393 Total Assistance Listing 93.393 \$ 93.394 93.394 93.394 93.394 Total Assistance Listing 93.394 \$ 93.39 \$ 93.394 \$ 93.39	374,870 	\$ -4,72 4,2,85 5,2,85 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 5300790PEEEL, MOD 1	\$	374.870 \$ 4.772 43.285 5.285 18.071 446.283 \$ 3.950 \$ 3.950 \$ 102,458 \$	\$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 70 tal Assistance Listing 93.393 \$ 10 tal Assistance Listing 93.393 \$ 93.394 93.394 93.394 Total Assistance Listing 93.394 93.394 70 tal Assistance Listing 93.394 93.394 93.394 5 93.395 \$	374,870 374,870 <u>3,950</u> 3,950 102,458	\$ - 4.772 43,285 5,285 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DBE2EL; MOD 1 586183; MOD 1	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 43.285 5.285 18,071 446,283 \$ 3.950 \$ 102,458 \$ 102,458 \$ 102,458 \$	\$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.361 \$ 93.393 Total Assistance Listing 93.393 \$ 93.394 93.394 93.394 93.394 93.394 93.394 93.395 \$	374,870 	\$ -4,772 43,285 5,285 18,071 \$ 77,413 \$ 77,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 43.285 5.285 18,071 446.283 \$ 3.950 \$ 3.950 \$ 102.458 \$ 102.458 \$ 7.999 \$ 333	\$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research Cancer Cause and Prevention Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research Cancer Treatment Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.393 \$ Total Assistance Listing 93.393 \$ 93.394 93.394 93.394 Total Assistance Listing 93.394 93.394 93.394 93.394 93.395 \$ 93.395 \$ 93.395 \$	374,870 	\$ - 4.772 43,285 5,285 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia Albert Einstein College of Medicine	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1 6/8/2016/9400660000 311392 ; P0752027; 797502	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 43.285 5.2.85 18.071 446.283 \$ 3.950 \$ 102,458 \$ 102,458 \$ 102,458 \$ 7.999 \$ 333 4.141	\$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.361 \$ 93.393 Total Assistance Listing 93.393 \$ 93.394 93.394 93.394 93.394 93.394 93.394 93.395 \$	374,870 	\$ -4,772 43,285 5,285 18,071 \$ 77,413 \$ 77,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 43.285 5.285 18,071 446.283 \$ 3.950 \$ 3.950 \$ 102.458 \$ 102.458 \$ 7.999 \$ 333	\$ \$ \$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research Cancer Cause and Prevention Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research Cancer Treatment Research Cancer Treatment Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.393 \$ 104 93.394 Total Assistance Listing 93.394 Total Assistance Listing 93.394 Total Assistance Listing 93.395 93.395 93.395 104 Assistance Listing 93.395 \$ 93.395 104 105 105 105 105 105 105 105 105 105 105	374.870 	\$ - 4.772 43,285 5.285 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia Albert Einstein College of Medicine	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1 6/8/2016/9400660000 311392 ; P0752027; 797502	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 43.285 5.285 18.071 446.283 \$ 102.458 102.458 7.999 \$ 333 4.141 49.398 61.871 \$	\$ 5 5 5 5 5 5 5 5 5
Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research NATIONAL INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research Cancer Treatment Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 70 tal Assistance Listing 93.361 \$ 30.393 Total Assistance Listing 93.393 \$ 10 tal Assistance Listing 93.394 93.394 93.394 Total Assistance Listing 93.394 \$ 93.394 70 tal Assistance Listing 93.394 \$ 93.395 \$ 93.	374,870 - - - - - - - - - - - - - - - - - - -	\$ -4,772 43,285 5,285 18,071 \$ 77,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia Albert Einstein College of Medicine	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1 6/8/2016/9400660000 311392 ; P0752027; 797502	\$ \$ \$ \$ \$ \$	374.870 \$ 4.772 4.3.285 5.2.85 18.071 446.283 \$ 3.950 \$ 102.458 \$ 102.458 \$ 102.458 7,999 \$ 333 4,141 49.398	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research INSTITUTES OF HEALTH Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research Cancer Biology Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.363 \$ 93.393 Total Assistance Listing 93.393 \$ 93.394 \$ 93.394 \$ 93.394 \$ 93.394 \$ 93.394 \$ 93.395	374,870 - - - - - - - - - - - - - - - - - - -	\$ - 4.772 43,285 5,285 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hoopital of Philadelphia Albert Einstein College of Medicine Public Health Institute Thomas Jefferson University	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1 6/8/2016/9400660000 311392 ; P0752027; 797502 Clinical Trial U10CA180886 080-02500-PB0818; MOD 3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374.870 \$ 4.772 4.3.285 5.2.85 18.071 446.283 \$ 3.950 \$ 3.950 \$ 102,458 \$ 102,458 \$ 102,458 \$ 7.999 \$ 333 4.141 49,398 61,871 \$ 909,590 \$ 20,946 \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Nursing Research Nursing Research Nursing Research Nursing Research Cancer Cause and Prevention Research Cancer Detaction and Diagnosis Research Cancer Detection and Diagnosis Research Cancer Treatment Research	93.361 \$ 93.361 93.361 93.361 93.361 93.361 93.361 Total Assistance Listing 93.393 Total Assistance Listing 93.394 93.394 Total Assistance Listing 93.394 \$ 93.394 Total Assistance Listing 93.394 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 93.395 \$ 10tal Assistance Listing 93.396 \$	374,870 	\$ - 4.772 43,285 5.285 18,071 \$ 71,413 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	University of Pennsylvania Villanova University University of Pennsylvania Children's Hospital of Philadelphia Albert Einstein College of Medicine Public Health Institute	3(GG014705-01); MOD 2 579284 PENN 10072088; MOD 3 530079DREXEL; MOD 1 586183; MOD 1 6/8/2016/9400660000 311392 ; P0752027; 797502 Clinical Trial U10CA180886	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374,870 \$ 4,772 43,2285 5,2285 18,071 446,283 \$ 3,950 \$ 102,458 \$ 102,458 \$ 102,458 \$ 7,999 \$ 333 4,441 49,398 64,871 \$ 909,590 \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

ral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditure	s Sub	Passed to -Recipien
Cancer Control	93-399 \$	-		Thomas Jefferson University	080-27000-Z99001, MOD 1	\$ 7,1	40 \$	
Cancer Control	93-399 Total Assistance Listing 93-399 \$	-	3,881 \$ 11,021	Public Health Institute	CT WORK ORDER SIGNED 12-6-2021		81	
CENTERS FOR DISEASE CONTROL AND PREVENTION						+		
Strengthening Public Health Systems and Services through								
National Partnerships to Improve and Protect the Nation's Health	93.421 \$	-	\$ 70,526	University of Vermont	AWD00000738SUB00000307	\$ 70,5	26 \$	
	Total Assistance Listing 93.421 \$	-	\$ 70,526			\$ 70,5	26 \$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATI Emergency Grants to Address Mental and Substance Use	ION							
Emergency Grants to Address Mental and Substance Use Disorders During COVID-19	93.665 \$	-	\$ 139,851	Center for Community Resources	SUBCONTRACT DATED 02182021	\$ 139,8	851 \$	
	Total Assistance Listing 93.665		\$ 139,851			\$ 139,8	51 \$	
HEALTH RESOURCES AND SERVICES ADMINISTRATION								
Mental and Behavioral Health Education and Training Grants	93.732 \$	461,736	\$ -			\$ 461,7	36 \$	67
Mental and Behavioral Health Education and Training Grants	93-732		116,791	University of Akron	543153-DRXL; MOD 3	116,7	91	
	Total Assistance Listing 93.732 \$	461,736	\$ 116,791			\$ 578,5	27 \$	67
NATIONAL INSTITUTES OF HEALTH Cardiovascular Diseases Research	00 Poz	0.000.0				ê		
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 \$ 93.837	2,822,824	\$ - (157)	New England Research Institute	PITCH-HF/ UO1HL105463	\$ 2,822,8	24 \$ 157)	27
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837		36,598	Massachusetts General Hospital	PS225713 ; A5332; A5333S; MOD9	36,5		
Cardiovascular Diseases Research	93.837	-	3,207	University of Michigan	3004924795 ; MOD 3	3,2	07	
Cardiovascular Diseases Research	93.837	-	(3,808)	Yale University	GR104903(CON-80001551)	(3,8		
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837	-	(1,028)	University at Buffalo The Miriam Hospital	HL 137558 ; R1187082; MOD 3	(1,0		
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837		20,766 93,277	San Francisco State University	7107147197; MOD 4 S19-0003; MOD 3;204280001	20,7 93,2		
Cardiovascular Diseases Research	93.837	-	62,602	Emory University	A589167; MOD 2	62,6		
Cardiovascular Diseases Research	93.837	-	7,727	Massachusetts General Hospital	Fund # 242786	7,7	27	
	Total Assistance Listing 93.837 \$	2,822,824	\$ 219,184			\$ 3,042,0	08 \$	27
Lung Diseases Research	93.838 \$ Total Assistance Listing 93.838 \$	46,031 46,031	\$ - \$ -			\$ 46,0 \$ 46,0)31 \$)31 \$	
Translation and Implementation Science Research for Heart,	93-840 \$		\$ 183,266	University of Pennsylvania	580490; 4753202; 4753203; MD2	\$ 183.2	66 \$	
Lung, Blood Diseases, and Sleep Disorders	Total Assistance Listing 93.840 \$	-	\$ 183,266		0		66 \$	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846 \$	344,182	\$ -			\$ 344,1	82 \$	11
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	303,839	University of Pennsylvania	576763; MOD 3	303,8	39	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	17,110	University of Pennsylvania	578671; MOD 3	17,1	10	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	112,281	Villanova University	530134DREXEL, MOD 1	112,2	81	
	Total Assistance Listing 93.846 \$	344,182	\$ 433,230			\$ 777,4	μ2 \$	1
						\$ 5,100.4		
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847 \$	5,100,457	\$ -			\$ 5,100,4	57 \$	80
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(2,148)	Washington University in St. Louis	WU-17-367-MOD-5; 2928731C	(2,1	48)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93-847	-	43,723	University of Pennsylvania	DRC PILOT AWD DATD 4/6/21, Y2	43,7	23	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	200,709	Thomas Jefferson University	080-27000-S43301, MOD 1	200,7	09	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	1,528	University of California Los Angeles	1652 G YA114, MOD1	1,5	28	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	995	University of Pennsylvania	582534 (5-U24-DK-060990-21)	9	95	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93-847	-	204,986	The Washington University	WU-22-0087-MOD-1	204,9	86	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	21,936	University of Delaware	UDR0000076; MOD 1	21,9	36	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	24,773	University of North Carolina at Chapel Hill	5123902; MOD 1	24,7	73	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	28,424	Fred Hutchinson Cancer Research Center	1132188	28,4	24	
	Total Assistance Listing 93.847 \$	5,100,457	\$ 524,926			\$ 5,625,3	80 \$	80

Drexel University and Subsidiaries Schedule of Expenditures of Federal Awards For the Year Ended June 30, 2023

irantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed Sub-Recipi
Extramural Research Programs in the Neurosciences and	93-853	\$ 11,396,261				\$ 11,396,261	\$ 1,79
Neurological Disorders	93:053		•			\$ 11,390,201	• 4/9
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(30,153)	University of California, Davis	A17-0078-S001-A04	(30,153)	
Extramural Research Programs in the Neurosciences and							
Neurological Disorders	93.853		60,030	University of Miami	SPC-000881;OS00000282; MOD 4	60,030	
Extramural Research Programs in the Neurosciences and	93.853		282,603	PolyCore Therapeutics LLC	R44NS117201 MOD 2	282,603	
Neurological Disorders Extramural Research Programs in the Neurosciences and							
Neurological Disorders	93.853	-	74,165	University of South Carolina	2000054782/ 10010139; 21-4158	74,165	
Extramural Research Programs in the Neurosciences and	00 850		44,206	University of Louisville	ULRF_20-0750-01 MOD 3	44,206	
Neurological Disorders	93.853		44,200	Chiversity of Exclassine	012kF_20-0/50-01 MOD 3	44,200	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		5,041	PolyCore Therapeutics LLC	R44NS117201-01S1 MOD 01	5,041	
Extramural Research Programs in the Neurosciences and							
Neurological Disorders	93.853		18,123	University of Pennsylvania	582292	18,123	
Extramural Research Programs in the Neurosciences and	93.853		49,310	University of Alabama at Birmingham	000513792-SC004;0005252882-007	49,310	
Neurological Disorders	Total Assistance Listing 93.853	¢		0			e
	Total Assistance Lisung 93.853	\$ 11,396,261	\$ 503,325			\$ 11,899,586	\$ 1,75
Allergy and Infectious Diseases Research	93.855	\$ 5,852,143	s -			\$ 5,852,143	\$ 1,68
Allergy and Infectious Diseases Research	93.855		(2,070)	University of Washington	UWSC8493/5R01AI120712-04	(2,070)	
Allergy and Infectious Diseases Research	93.855	-	(2,505)	Case Western Reserve University	RES511177; MOD 5	(2,505)	
Allergy and Infectious Diseases Research	93.855	-	133	Oregon Health and Science University	1004354_DREXEL MOD 6	133	
Allergy and Infectious Diseases Research	93.855	-	3,898	Emory University	A537239	3,898	
Allergy and Infectious Diseases Research	93.855	-	13,310	Children's Hospital of Philadelphia	GRT-00000134; PO 20163073-RSUB	13,310	
Allergy and Infectious Diseases Research	93.855	-	12,001	Lenima Diagnostics, LLC	LFD-20200512	12,001	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855	-	5,581 78,460	Oregon Health and Science University University of Pennsylvania	1011753_DREXEL;MOD 6 580768 PO:PO 4956050	5,581 78,460	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855 93.855	-	23,908	Temple University	268932-DU; PO# P0700717.	78,400	
Allergy and Infectious Diseases Research	93.855		23,908	Temple University	268028-02-DU-WIGDAHL	23,908	
Allergy and Infectious Diseases Research	93.855		159,568	Temple University	268028-DREXEL PO # P0710355	159,568	
Allergy and Infectious Diseases Research	93.855		151,593	Oregon Health and Science University	1021312_DREXEL, MOD 2	151,593	
Allergy and Infectious Diseases Research	93.855		8,909	University of Pennsylvania	586704	8,909	
	Total Assistance Listing 93.855	\$ 5,852,143	\$ 692,296			\$ 6,544,439	\$ 1,6
Biomedical Research and Research Training	93.859	\$ 2,236,419	s -			\$ 2,236,419	\$ 2
Biomedical Research and Research Training	93.859	-	9,167	University of Pennsylvania	575434; MOD 4	9,167	
Biomedical Research and Research Training	93.859	-	131,950	SINTX Technologies, Inc.	1R41GM146268-01	131,950	
Biomedical Research and Research Training	93.859	-	10,993	Children's Hospital of Philadelphia	GRT-00001456 / PO 20293787	10,993	
Biomedical Research and Research Training	93-859 Total Assistance Listing 93-859	\$ 2,236,419	12,195 \$ 164.305	Johns Hopkins University	2005729070; MOD 1	\$ 2,400,724	\$ 2
	Total Assistance Listing 93.859	\$ 2,230,419	\$ 164,305			\$ 2,400,724	\$ 2
Child Health and Human Development Extramural Research	93.865	\$ 2,562,464	\$ -			\$ 2,562,464	\$ 4
Child Health and Human Development Extramural Research	93.865	-	(427)	Widener University	# 1/#33445; MOD 2	(427)	
Child Health and Human Development Extramural Research	93.865	-	(5,686)	Oregon Research Institute	SUBAWARD 091818 ; MOD1	(5,686)	
Child Health and Human Development Extramural Research	93.865	-	167	Harvard School of Public Health	114205-1538-5097549; 860304;M5	167	
Child Health and Human Development Extramural Research	93.865	-	93,239	The Board of Trustees of the University of Alabama	000511041-SC001; MOD7	93,239	
Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	93.865 93.865		14,424 41,459	Harvard School of Public Health Icahn School of Medicine at Mount Sinai	117267-0238-5119102; MOD 1 0255-C431-4609 MOD 01	14,424 41,459	
Child Health and Human Development Extramural Research	93.865		8,698	Albert Einstein Healthcare Network	618-B4436-SE4971; MOD 1	8,698	
Child Health and Human Development Extramural Research	93.865		132,595	Northwestern University	60047828 DREX; A01	132,595	
Child Health and Human Development Extramural Research	93.865	-	118,240	Harvard School of Public Health	117267-0338-5119102; MOD 1	118,240	
Child Health and Human Development Extramural Research	93.865 Total Assistance Listing 93.865	\$ 2,562,464	67,369	Widener University	33376-1	67,369	
						\$ 3,032,542	
Aging Research	93.866	\$ 3,149,096		Hairmain of Calif is a secolor	AND A REAL PROPERTY	\$ 3,149,096	\$
Aging Research Aging Research	93.866 93.866		143,403 68,216	University of California Los Angeles University of Pennsylvania	1558 G WA117 ; MOD 5 575447 ; 10067210 ; 35633/00	143,403 68,216	
Aging Research	93.866		21,623	Columbia University	1(GG014709-01); MOD 2	21,623	
Aging Research	93.866		135,709	Johns Hopkins University	2004525971; MOD 3	135,709	
Aging Research	93.866		61,839	University of Pennsylvania	577439; MOD 1	61,839	
Aging Research	93-866		6,795	University of Pennsylvania	580755 MOD 2	6,795	
Aging Research	93.866	-	109,727	University of Texas Rio Grande Valley	DP1AG069870 (01), MOD 2	109,727	
Aging Research	93.866	-	12,788	Gracefall Inc	AWARD DATED 12/16/21, MOD 1	12,788	
Aging Research	93.866		137,799	Brown University	00001380 ; YEAR 4 ADVANCE	137,799	
Aging Research	93.866	-	138,343	Brown University	1380	138,343	
Aging Research	93.866	-	39,778	University of California, Davis	A23-0732-S001	39,778	
Aging Research	93.866		11,414	Villanova University	530138; MOD 1	11,414	
	Total Assistance Listing 93.866	\$ 3,149,096	\$ 887,434			\$ 4,036,530	\$ 5
Vision Research	93.867	s -	\$ 2,486	Johns Hopkins University	2004814710; MOD 1	\$ 2,486	\$
	Total Assistance Listing 93.867						\$

Federal Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditur		Passed to b-Recipients
HEALTH RESOURCES AND SERVICES ADMINISTRATION								
Autism Collaboration, Accountability, Research, Education, and Support	93.877 \$	320,039	\$ -			\$ 320	,039 \$	71,97
Autism Collaboration, Accountability, Research, Education, and Support	93.877	-	215,843	University of California Los Angeles	2000 G YC234; MOD 03	215	,843	
NATIONAL INSTITUTES OF HEALTH	Total Assistance Listing 93.877 \$	320,039	\$ 215,843			\$ 535	,882 \$	71,97
Medical Library Assistance	93.879 Total Assistance Listing 93.879 \$		\$ 89,542 \$ 89,542	Children's Research Institute	30005484-01; MOD 5	1),542 \$),542 \$	
CENTERS FOR DISEASE CONTROL AND PREVENTION HIV Prevention Activities Health Department Based	93.940 Total Assistance Listing 93.940 \$		\$ 7,997 \$ 7,997	Children's Hospital of Philadelphia	GRT-00000486; 20447584, MOD 4		7.997 \$ 7.997 \$	
HEALTH RESOURCES AND SERVICES ADMINISTRATION								
Maternal and Child Health Services Block Grant to the States	93-994 \$		+	Commonwealth of Pennsylvania	4400024510		1,633 \$	
NATIONAL INSTITUTES OF HEALTH	Total Assistance Listing 93.994 \$		\$ 111,633			\$ 111	1,633 \$	
International Research and Research Training International Research and Research Training	93-989 \$ 93-989	441,338	\$ (11,060)	Oregon Health and Science University	1004854_ANSP	\$ (11	1,338 \$,060)	131,660
	Total Assistance Listing 93.989 \$	441,338	\$ (11,060)			\$ 430),278 \$	131,660
Home Assessments for Patients and Families With Special Health Care Needs	93.RD \$	639,098	\$ -				,098 \$	
Biophysics of Increasing Fetal Hemoglobin	93.RD	2,113					2,113	
Occupational Safety and Health Tech	93.RD	2,351				1	2,351	
APAL2020SC: Pediatric Acute Leukemia Screening Trial	93.RD		2,780	Public Health Institute	AR14702	2	,780	
COVID-19 Understanding COVID-19 Among Critically Ill Children	93.RD		10,546	Boston Children's Hospital	GENFD0002021280	10),546	
IPA 2110031 Spatial and Spatio-temp	93.RD	46,702				46	,702	
Monitoring Diversity in SARS-CoV-2 Genomes for Tracking Emerging Variants Development Of Novel STING Pathway Agonists as Vaccine	93.RD	-	41,725	Children's Hospital of Philadelphia	GRT-00001190/ PO 20269754	47	1,725	-
Adjuvants	93.RD	-	214,914	Oregon Health and Science University	1014432_DREXEL; MOD 4	214	4,914	-
Enhancing Effectiveness of a Dissonance-Based Obesity Prevention Program	93.RD	-	70,854	Stanford University	62362327-164181 ;5068131	70	,854	-
	Total Assistance Listing 93.RD \$	690,264	\$ 340,819			\$ 1,031	,083 \$	· · · · · · · · · · · · · · · · · · ·
Total Department of Health and Human Services	\$	57,962,388	\$ 8,665,282			\$ 66,627	7,670 \$	12,746,130
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE Corporation for National and Community Service								
AmeriCorps National Service and Civic Engagement Research Competition	94.026 \$	20,194	\$ -			\$ 20	0,194 \$	
	Total Assistance Listing 94.026 \$	20,194	\$ -			\$ 20	0,194 \$	
Total Corporation for National And Community Service	\$	20,194	\$ -			\$ 20	0,194 \$	
DEPARTMENT OF HOMELAND SECURITY								
FEDERAL EMERGENCY MANAGEMENT AGENCY Assistance to Firefighters Grant	97.044 \$	127,741				\$ 127	7,741 \$	
Assistance to Firefighters Grant	97.044		56,247	International Association of Fire Fighters	DREXEL ORI CONTRACT NO. T9814	56	5,247	-
Assistance to Firefighters Grant	97.044	-	432,824	Fire Department Safety Officers Association	EMW-2020-FP-00980; MOD 1		,824	-
Assistance to Firefighters Grant	97.044 Total Assistance Listing 97.044 \$	127,741	279,906 \$ 768,977	International Association of Fire Fighters	EMW-2019-FP-00096 MOD 1		,906 5,718 \$	
Total Department of Homeland Security	\$	127,741	\$ 768,977			\$ 896	6,718 \$	
AGENCY FOR INTERNATIONAL DEVELOPMENT								
AGENCY FOR INTERNATIONAL DEVELOPMENT								
USAID Foreign Assistance for Programs Overseas	98.001 \$ Total Assistance Listing 98.001 \$		\$ 49,329 \$ 49,329	Temple University	269647-DREXEL; MOD 1),329 \$),329 \$	
Total Agency for International Development	\$	-	\$ 49,329),329 \$	
TOTAL RESEARCH AND DEVELOPMENT CLUSTER:	*	90,348,375	\$ 17,634,413			¢ 100.000	.788 \$	19,895,513

Federal Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipient	
SNAP CLUSTER								
DEPARTMENT OF AGRICULTURE FOOD AND NUTRITION SERVICE								
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561	\$	- \$ (2,612)	Penn State University	S001658-COP-DRX; MOD 1	\$ (2,61	2) \$	
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561	-	452,377	Penn State University	S002471-COP-DRX; 41000855762	452,37		
	Total Assistance Listing 10.561	\$	- \$ 449,765			\$ 449,76	5 \$	
Total Department of Agriculture	-	\$	- \$ 449,765			\$ 449.76	5 \$	
TOTAL SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM CLUSTER	-	\$	- \$ 449,765			\$ 449,76	5 \$	
77 CLUSTER								
DEPARTMENT OF HEALTH AND HUMAN SERVICES ADMINISTRATION FOR CHILDREN AND FAMILIES Temporary Assistance for Needy Families	93-558 93-558 93-558 93-558 93-558 93-558 93-558 Total Assistance Listing 93-558	-	- \$ 7,058 259,495 184,818 410,207 101 - \$ 861,679	South Central Workforce Investment Board South Central Workforce Investment Board Philadelphia Works Philadelphia Works South Central Workforce Investment Board	180-20800021D P22-8000-05-001 YT21-085-01 YO23-031 180-18-3133-2D	\$ 7,05 259,49 184,81 410,20 10 \$ 861,67	5 8 7 1 -	
Total Department of Health and Human Services	-	\$	- \$ 861,679			\$ 861,67)\$	
TOTAL TEMPORARY ASSISTANCE FOR NEEDY FAMILIES CLUSTER	-	\$	- \$ 861,679			\$ 861,67)\$	
ECONOMIC DEVELOPMENT CLUSTER								
DEPARTMENT OF COMMERCE ECONOMIC DEVELOPMENT ADMINISTRATION Economic Adjustment Assistance Economic Adjustment Assistance	11.307 11.307 Total Assistance Listing 11.307	+	- \$ 77,141 43,001 - \$ 120,142 - \$ 120,142	National League of Gities National Council for Community Development, Inc.	AWARD DTD 3/1/2022, 002604817 Award Dated 3/7/2023	\$ 77,14 43,00 \$ 120,14 \$ 120,14	1 2 \$	
VIOA CLUSTER								
DEPARTMENT OF LABOR EMPLOYMENT AND TRAINING ADMINISTRATION WIOA Youth Activities ROTAL WIOA YOUTH ACTIVITIES CLUSTER	17.259 Total Assistance Listing 17.259	\$ \$ \$	- \$ 991 - \$ 991	Philadelphia Works	Y022-039/090-20-330-1	\$ 99	1 \$ 1 \$ 1 \$	
IIGHWAY PLANNING AND CONSTRUCTION CLUSTER	-							
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION Highway Planning and Construction	20.205 Total Assistance Listing 20.205	\$ \$	- \$ 73,169 - \$ 73,169	Pennsylvania Department of Transportation	SAP 4400024510 PO43000736224	\$ 73,16 \$ 73,16		
TOTAL HIGHWAY PLANNING AND CONTSTRUCTION CLUSTER	_	\$	- \$ 73,169			\$ 73,16) \$	
CCDF CLUSTER								
DEPARTMENT OF HEALTH AND HUMAN SERVICES ADMINISTRATION FOR CHILDREN AND FAMILIES Child Care and Development Block Grant	93-575 Total Assistance Listing 93-575	\$ \$	- \$ 80,263 - \$ 80,263	Public Health Management Corporation	8690062320; MOD 1	\$ 80,26 \$ 80,26		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	uster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipier
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Description of additional Program 13.000 14.000 4 1.000 1.0000 1.0000 <td>CE ENT ADMINISTRATION</td> <td></td> <td></td> <td></td> <td>Blusprint Local LLC</td> <td>26048170000</td> <td>\$ 24,886 \$ 24,886</td> <td></td>	CE ENT ADMINISTRATION				Blusprint Local LLC	26048170000	\$ 24,886 \$ 24,886	
DFTO THE AR FORD 1.0.00 Total Assistance Listing 16, 20, 00 Total Assistance Listing 16, 20, 00 To	amerce	<u>\$</u>		\$ 24,886			\$ 24,886	\$
Total Assistance Listing 12,1000 <	E ense Research Sciences Program	Total Assistance Listing 12.800 \$					\$ 15,000 \$ 15,000	\$
DPPARIMENT OF HOUSING AND URIAN DEVELOPMENT 14,003 14,003 14,003 14,003 10000 10000 10000 10000	ial Consulting		-		CH2M Hill	PO#948061	\$ 2,015 \$ 2,015	
CVTU 1-19 PIA Cares CVTU 1-19 Aciden Response and Education Total Department of Housing and Urban Development 14_U03 Total Assistance Liking 14U 3 3 6 6 5 100.127 DEPARTMENT OF THE INTERIOR NUTRONAL PARK SERVICE Corporative Research and Training Programs – Resources of the Science Park Specific Acid Assistance Liking 15,045 5 6 6 6 6 6 6 6 6 7	nse	\$	15,000	\$ 2,015			\$ 17,015	\$
DPPARIMENT OF THE INTERIOR NUTURAL PARK SERVICE Valuation Programs - Resources of the Valuation Programs - Total Assistance Listing 19,490 \$ 6 6 7 8 7 8	IA Cares COVID-19 Action Response and Education:			\$ 150,129	Temple University	267222- DREXEL; 635005; MOD 2	\$ 150,129 \$ 150,129	\$
NATIONAL PARK SERVICE National Park System 15.945 15.945 6 6.6682 8 - Total Assistance Listing 15.945 5 6.6682 8 -		\$	-	\$ 150,129			\$ 150,129	\$
DEPARTMENT OF JUSTICE OFFICE OF JUSTICE PROGRAMS 16,575 \$ \$ 16,575 \$ \$ 100,659 Pennylvania Commission on Crime and Delinquency 2019/2020-VF-0 Total Department of Justice \$ \$ \$ 100,659 Pennylvania Commission on Crime and Delinquency 2019/2020-VF-0 DEPARTMENT OF STATE BURGAU OF EDUCATIONAL AND CULTURAL Academic Exchange Programs - Graduate Students 30-009 \$ \$ \$ 27,766 International Research & Exchanges Board F119/20-VALI-CL-DEX Academic Exchange Programs - Graduate Students 30-400 \$ \$ \$ 46,246 Institute of International Education Academic Exchange Programs - Graduate Students 30-000 \$ \$ \$ 46,246 Institute of International Education 300025207 300025207 Academic Exchange Programs - Graduate Students 30-400 \$ \$ \$ 46,246 Institute of International Education 300025207 300025207 1600 \$ \$ \$ 46,246 Institute of International Education 30002500 30002500 1600 \$ \$ \$ 46,246 Institute of International Education 30002500 30002500 1600 \$ \$ \$ 1400 10000	CE Research and Training Programs – Resources of the			-			\$ 65,682 \$ 65,682	
OFFICE OF JUSTICE PROCRAMS 16.575 \$ 10.0529 PenneyVania Commission on Crime and Delinguency 2019/2020-VF-0 Total Department of Justice \$ 100.059 PenneyVania Commission on Crime and Delinguency 2019/2020-VF-0 DEPARTMENT OF STATE BUREAU OF EDUCATIONAL AND CULTURAL \$ \$ \$ 100.059 PenneyVania Commission on Crime and Delinguency 2019/2020-VF-0 Academic Exchange Programs - Undergraduate Programs 10.009 \$ -\$ \$ 27,766 International Research & Exchanges Board PY19/20-VALI-CL-DRN Academic Exchange Programs - Graduate Students 19,400 \$ -\$ \$ 46,246 Institute of International Education 360002320 Academic Exchange Programs - Graduate Students 19,400 \$ -\$ \$ 46,246 Institute of International Education 360002320 Academic Exchange Programs - Graduate Students 19,400 - \$ 9,290 - 14,207 Institute of International Education 360002370 Academic Exchange Programs - Graduate Students 19,400 - \$ 9,400 - 14,991 Institute of International Education 360002370 Total Assistance Li	Interior	\$	65,682	\$ -			\$ 65,682	Ş
DEPARTMENT OF STATE BUREAU OF EDUCATIONAL AND CULTURAL 19.009 \$ - \$ 27,766 International Research & Exchanges Board FY19/20-YALI-CL-DRX Academic Exchange Programs - Graduate Students 19.009 \$ - \$ 27,766 International Research & Exchanges Board FY19/20-YALI-CL-DRX Academic Exchange Programs - Graduate Students 19.400 \$ - \$ 27,766 Institute of International Education 30002520 Academic Exchange Programs - Graduate Students 19.400 \$ - \$ 46,904 Institute of International Education 30002520 Academic Exchange Programs - Graduate Students 19.400 - \$ 271,365 Institute of International Education 30002520 Total Assistance Listing 19.400 5 - \$ 299,431 Institute of International Education 30002500 Total Department of State 30.01 \$ - \$ 299,431 Institute of International Education NEEP-00 Science 43.001 \$ - \$ 1,420 National Space Grant Foundation NEEP-10 INSTITUTE OF MUSEUM AND LIBRARY SERVICES 3 -					Penneylvania Commission on Crime and Delinquency	2019/2020-VF-05-33170	\$ 100,629 \$ 100,629	T
BUREAU OF EDUCATIONAL AND CULTURAL Academic Exchange Programs - Undergraduate Programs 19,009 \$ - \$ 27,766 International Research & Exchanges Board FY19/20-YALI-CL-DRX Academic Exchange Programs - Graduate Students 19,400 \$ - \$ 46,246 Institute of International Education 30002870 Academic Exchange Programs - Graduate Students 19,400 - - 14,091 Institute of International Education 30002870 Academic Exchange Programs - Graduate Students 19,400 - - 14,091 Institute of International Education 30002870 Academic Exchange Programs - Graduate Students 19,400 - - 14,091 Institute of International Education 30002870 Academic Exchange Programs - Graduate Students 19,400 - - 14,091 Institute of International Education 30002870 Academic Exchange Programs - Graduate Students 19,400 - - \$ 299,131 National Department of State - \$ - \$ 14,200 National Space Grant Foundation NEBP-100 Science - \$ - \$ 1,420 Nat	ice	\$	-	\$ 100,629			\$ 100,629	\$
Academic Exchange Programs - Graduate Students 19,400 - 209,979 Institute of International Education S-ECAGD-22-CA-007 Academic Exchange Programs - Graduate Students 19,400 - 14,991 Institute of International Education 300002876 Academic Exchange Programs - Graduate Students 19,400 - 440 Institute of International Education 300002876 Total Department of State \$ - \$ 271,365 300002860 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION \$ - \$ 299,131 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION \$ - \$ 1,420 National Space Grant Foundation NEBP-100 Science 43.001 \$ - \$ 1,420 National Space Grant Foundation NEBP-100 Total National Aeronautics and Space Administration 5 - \$ 1,420 National Space Grant Foundation NEBP-100 INSTITUTE OF MUSEUM AND LIBEARY SERVICES 5 - \$ 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420					International Research & Exchanges Board	FY19/20-YALI-CL-DRX-03/04 MOD2	\$ 27,766 \$ 27,766	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Science 43.001 \$ - \$ 1420 Total National Aeronautics and Space Administration \$ - \$ 1420 Total National Aeronautics and Space Administration \$ - \$ 1420 INSTITUTE OF MUSEUM AND LIBRARY SERVICES THE INSTITUTE OF MUSEUM AND LIBRARY SERVICES Museums for America \$ 45.301 \$ 9.584 \$ -	change Programs - Graduate Students change Programs - Graduate Students	19-400 19-400 19-400	-	209,979 14,991 149	Institute of International Education Institute of International Education	3000252072 S-ECAGD-22-CA-0017/3000243784 3000287509 3000286040	\$ 46,246 \$ 209,979 \$ 14,991 \$ 149 \$ 271,365	\$
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION 43.001 \$ - \$ 1.420 National Space Grant Foundation NEBP-100 Science \$ - \$ 1.420 1.420 National Space Grant Foundation NEBP-100 Total National Aeronauties and Space Administration \$ - \$ 1.420 National Space Grant Foundation NEBP-100 INSTITUTE OF MUSEUM AND LIBRARY SERVICES Internet for Museum And LIBRARY SERVICES Herein for America 45.301 \$ 9.584 - -	e	\$	-	\$ 299,131			\$ 299,131	\$
INSTITUTE OF MUSEUM AND LIBRARY SERVICES THE INSTITUTE OF MUSEUM AND LIBRARY SERVICES Museums for America 45.301 \$ 9.584 \$ -		43.001 <u>\$</u>	-		National Space Grant Foundation	NEBP-106	\$ 1,420 \$ 1,420	
THE INSTITUTE OF MUSEUM AND LIBRARY SERVICES Museums for America 45-301 \$ 9.584 \$ -	cs and Space Administration	\$	-	\$ 1,420			\$ 1,420	Ş
Total Assistance Listing 21.019 \$ 0.084 \$ -	EUM AND LIBRARY SERVICES			\$ -			\$ 9,584	
Total Institute of Museum and Library Services \$ 9,584 \$ -	at a f Marcan and Till and Gam loss		270-1				\$ 9,584 \$ 9,584	

	Federal Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number		Total enditures	Passed to Sub-Recipients
Bart of the second s	DEPARTMENT OF VETERAN AFFAIRS								
$ \begin{array}{c c c c c c } & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & $	Effect of Cyclical Intermittent Hypoxia on Lung Cancer			\$-			\$ \$		
Total Analizanes Lineng 4.2.1.0 0 </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>				-					
Control Control <t< td=""><td>······································</td><td></td><td></td><td>\$ -</td><td></td><td></td><td>\$</td><td></td><td></td></t<>	······································			\$ -			\$		
OPPORTSUME Substrate Result of Result and Result of Resu	TOTAL DEPARTMENT OF VETERAN AFFAIRS	\$	63,358	\$-			\$	63,358 \$	
Nicisal Bases K4/0 i d i dut									
Program Tell Advitance Listing 84,015 Image: Construct Section 84,000	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies	84.015 \$		\$ 4.417	University of Pennsylvania	585571	\$	4.417	
OTTEC OF LEADNESS No. 10 (1000000000000000000000000000000000						0.007			
Binombin Aggington Unique Status Magneton		Total Assistance Listing 84.015 \$	-	\$ 4,417			\$	4,417 \$	
Pigets Total Adobtance Liking 84.213 3.775.97 8 5.775.97 7 7 3.675.97 7 OPEC of POSTSECOMENT PURCATION Program Total Adobtance Liking 84.213 8 3.675.97 6 1.074 7 6.074 6 1.0744 6 1.0746	Innovative Approaches to Literacy; Promise Neighborhoods; Full- Service Community Schools; and Congressionally Directed	84.215 \$	3,471,519	s -			\$	3,471,519	1,972,57
OPTIC OF DESIGNATION OF DEFAULTION 14,547 1 1,674 1 1,674 1 1,674 1 1,674 1 1,674 1 1,674 1 1,674 1									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Total Assistance Listing 84.215 \$	3,471,519	\$ -			\$	3,471,519 \$	1,972,57
Pugnin N-353 N-3 N-3 Dir Dir <thdir< th=""> Dir Dir <thdir<< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thdir<<></thdir<>									
Differe of Lamber 2000 by 14 gills finds. American in answer and the second in a second in				+	The College Crusade of Rhode Island	P334S110008	\$		
Rease Pin-APP ASSER B4-420 Image Pin-APP ASSER Bit Pin-APP ASSER Pin-APP ASSER Bit	OFFICE OF ELEMENTARY AND SECONDARY EDUCATION	Total Assistance Listing 84.334 \$	-	\$ 1,074			\$	1,074 \$	
DP2-ACTIONS Total Assistance Listing 84,4521 \$ 10,01 \$		84.425U \$		\$ 129,111	Philadelphia School District	3180	\$	129,111	
OUTD-10-Table Relation Rangemy Reliaf Pand-Student All Matrian 84,425 8 32,325 8 OPFICE OF LEMENTARY XM SECONDUX EVEXTION Reporting Finisher Quality State Grants Importing Grant Grant Importing All State Plants Importing Grant Grant Importing		Total Assistance Listing 84.4254U \$		\$ 129,111			\$	129,111 \$	
Aid Period 04-44-00 3 24-257 8 8 24-257 8 OFFICE OF ELEMENTARY AND SECONDARY EDUCTION Supporting Effective functuring State Grants in sporting Effective functuring State State State Elements in sporting Effective functuring State State State Elements in sporting Effective functuring State State State Elements in sporting Effective functuring State									
OFFICE OF LEMENTARY AND SECURDARY UPUCATION Supporting Ficher Quality State Grant(S) Engroring Ficher Q							\$		
Improving Tacker Quality State Grants) 44,507 5 0.0900 Pr. Deptimient of zonzolation 410004421; MD7/B9/2711 5 0.06,400 Supporting Tincher Quality State Grants) Total Assistance Lating 84,367 5 - 5 100,600 Arts in Education 8,331 5 - 5 10,060 </td <td></td> <td>Total Assistance Listing 64.425E \$</td> <td>34,3/5</td> <td>۰ -</td> <td></td> <td></td> <td>*</td> <td>34,375 9</td> <td></td>		Total Assistance Listing 64.425E \$	34,3/5	۰ -			*	34,375 9	
Supporting Effective Instruction State Grants84,3678-8106,507School District Of PhiladelphiaSC: 586144 RP; 180; PP21-208106,508Arts in Education $34,351$		84.367		\$ (1,890)	PA Department of Education	4100084641; K18719572311	\$	(1,890)	
Total Assistance Listing 84.367 $\frac{1}{8}$ $ \frac{1}{8}$ 104.690 Art in Education $\frac{84.351}{1048.sistance Listing 84.367}$ $\frac{1}{8}$ $ \frac{1}{8}$ 104.690 Total Assistance Listing 84.367 $\frac{1}{8}$ $ \frac{1}{8}$ 104.690 $\frac{1}{8}$ Total Department of Education $\frac{1}{8}$ $\frac{3}{2,002.894}$ $\frac{1}{8}$ $\frac{2}{2,01.79}$ $\frac{1}{8}$ $\frac{1}{2,020.296}$ DEPARTMENT of HIALTI AND HUMAN SERVICES $\frac{1}{8}$ $\frac{3,002.894}{1,000}$ $\frac{1}{8}$ $\frac{1}{2,021.79}$ $\frac{1}{8}$ $\frac{1}{2,021.79}$ DEPARTMENT of HIALTI AND HUMAN SERVICES $\frac{3,100}{1,010}$ $\frac{9}{8}$ $107,440$ $\frac{9}{8}$ $\frac{1}{2,021.79}$ $\frac{1}{8}$ $\frac{1}{2,021.79}$ $\frac{1}{8,021.79}$ $\frac{1}{8,021$	Supporting Effective Instruction State Grants (formerly	84.367 \$		\$ 106,540	School District Of Philadelphia	SC: 586154 RFQ: 180; FY21-22	\$	106,540	
Total Assistance Listing 84.351 \$ - \$ 11,935 Total Department of Education \$ 3,503,894 \$ 251,178 DEPARTMENT of HEALTH AND HUMAN SERVICES INFALTI RESOURCES AND SERVICES AND SERVI	improving reacter Quarty state orants)	Total Assistance Listing 84.367 \$	-	\$ 104,650			\$	104,650 \$	
Total Department of Education \$ 3,003,894 \$ 251,178 DEPARTMENT OF IEALTITI AND IUMAN SERVICES IEALTI RESORTEGES ADMINISTRATION Material and Child Halth Foderal Consolidated Programs 9,110 \$ 107,140 \$ 100,753 \$ 100,753 \$ 1	Arts in Education	84.351 \$		\$ 11,926	Creative Engagement Lab, LLC	U351D210002	\$	11,926	
DEPARTMENT OF HEALTH AND HUMAN SERVICES Internal and Child Health Federal Consolidated Programs 9,310 \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 107,40 \$ 1		Total Assistance Listing 84.351 \$	-	\$ 11,926			\$	11,926 \$	
IFALTH RESOURCES AND SERVICES ADMINISTRATION Image: mail of child Health Federal Consolidated Programs 93,110 \$ 107,140 \$ 107,120 \$ 107,120 \$ 107,120 \$	Total Department of Education	\$	3,503,894	\$ 251,178			\$	3,755,072 \$	1,972,57
HEALTH RESOURCES AND SERVICES ADMINISTRATION Maternal and Child Health Federal Consolidated Programs 93,110 \$ 107,140 \$ 107,120 \$ 107,120 \$ 107,120 \$ <	DEPARTMENT OF HEALTH AND HUMAN SERVICES								
Maternal and Child Health Federal Consolidated Programs 93,10 - - (433) University of California Los Angeles 20006 TL481;4-(41589)-2L-298,57 (433) Maternal and Child Health Federal Consolidated Programs 93,10 - 2,731 Children's Heapital of Philadelphia GRT-00002064/ PO# 20369476 2,731 7,334 Maternal and Child Health Federal Consolidated Programs 93,10 - 2,731 Children's Heapital of Philadelphia GRT-00002064/ PO# 20369476 2,731 7,334 Coordinated Services and Access to Research for Women, Infants, Children, and Youth 93,153 \$ 430,683 \$ - <	HEALTH RESOURCES AND SERVICES ADMINISTRATION								
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			107,140		University of California Los Angeles	2000G TI481 14-441580-7I-20857	\$		
Maternal and Child Health Federal Consolidated Programs 93.10 - 7.334 Lehigh Valley Health Network HRSA_22_3_012 7.334 Coordinated Services and Access to Research for Women, Infants, Children, and Youth 93.453 \$ 430.683 \$ \$ 430.683 \$ \$ 430.683 \$ \$ 430.683 \$ \$ -			-			GRT-00002064/ PO# 20369476			
Coordinated Services and Access to Research for Women, Infants, Children, and Youth 93.453 \$ 430.683 \$ 430.683 \$ COVID-19 Coordinated Services and Access to Research for Women, Infants, Children and Youth 93.453 -	Maternal and Child Health Federal Consolidated Programs		-		Lehigh Valley Health Network	HRSA_22_23_012			
Infants, Children, and Youth 99-163 9 430,083 \$ 430,083 \$ COVID-19 Coordinated Services and Access to Research for Women, Infants, Children and Youth 93-163 - - - Total Assistance Listing 93.153 \$ 68,440 \$ - - COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution 93.498 \$ 68,440 \$ - SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION \$ 0.040 \$ > - Substance Abuse and Mental Health Services Projects of 0.040 \$ 0.040 \$ >		Total Assistance Listing 93.110 \$	107,140	\$ 9,632			\$	116,772 \$	
Women, Infants, Children and Youth 993433 -	Infants, Children, and Youth	93.153 \$	430,683				\$	430,683 \$	
Total Assistance Listing 93.433 \$ 430.683 \$ \$ 430.683 \$ COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution 93.498 \$ 68.440 \$ - \$ 68.440 \$ SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION Substance Abuse and Mental Health Services Projects of \$ 0.0010 \$ 0.005 TO \$		93-153	-	-				-	
(ARP) Rural Distribution 93.498 \$ 05.440 \$ - Total Assistance Listing 93.498 \$ 068.440 \$ - \$ 08.440 \$ Substance Abuse and Mental Health Services Projects of 00.040 \$ 0.000	Tomas, analis, canada and routi	Total Assistance Listing 93.153 \$	430,683	\$ -			\$	430,683 \$	
Total Assistance Listing 93.498 68.440 \$ 68.440 \$ SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION \$ 69.040 \$ 68.440 \$		02.408 \$	68.440				\$	68 440	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION Substance Abuse and Mental Health Services Projects of 5 0.005 Tro 5	(ARP) Rural Distribution						\$		
Substance Abuse and Mental Health Services Projects of		07017	00,440	Ŧ			Ŧ	00,440	
Regional and National Significance			2,326,719	\$ -			\$	2,326,719 \$	189,74
Substance Abuse and Mental Health Services Projects of 93.243 \$ 102,398 Pennsylvania Department of Human Services 239630 GRANT# H79SM082107 102,398		93.243		\$ 102,308	Pennsylvania Department of Human Services	239630 GRANT# H79SM082107		102,398	

eral Grantor / Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	To Expend		Passed to ub-Recipie
Substance Abuse and Mental Health Services Projects of								
Regional and National Significance	93.243		\$ 58,613	Pennsylvania Department of Human Services	1H79SM083371-02		58,613	
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93-243		\$ 20,000	Access Matters	SAM2102 & SAM2202		20,000	
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93-243		\$ 748	Thomas Jefferson University	Award Dated 6/15/22		748	
Regional and National Significance	Total Assistance Listing 93.243	2,326,719	\$ 181,759			\$ 2	,508,478 \$	18
CENTERS FOR DISEASE CONTROL AND PREVENTION								
Centers for Disease Control and Prevention Investigations and	93.283 \$	28,983				s	28,983 \$	
Technical Assistance	Total Assistance Listing 93.283	28,983				\$	28,983 \$	
	Total Assistance Listing 93.263 +	20,903	• -			*	20,903 0	
NATIONAL INSTITUTES OF HEALTH Discovery and Applied Research for Technological Innovations	93.286 \$	600					600 \$	
to Improve Human Health	93.280 \$ Total Assistance Listing 93.286 \$		\$ -			\$	600 \$	
	Total Assistance Listing 93.200 \$	000	÷ -			•	000 \$	
HEALTH RESOURCES AND SERVICES ADMINISTRATION Public Health Training Centers Program	93.516 \$			University of Pittsburgh	CNVA00061461 136060-3 MOD3	\$	180 \$	
Public Health Training Centers Program	93.516 Total Assistance Listing 93.516 \$		93,800 \$ 93,980	University of Pittsburgh	AWD00005917	\$	93,800 93,980 \$	
	Four Assistance Listing 93.510 \$	-	93,900			•	93,900 \$	
Ending the HIV Epidemic: A Plan for America — Ryan White HIV/AIDS Program Parts A and B	93.686 \$	-	\$ 25,000	City of Philadelphia - Aids Activities Coordinating Office	CONTRACT 2320567 EH2030	\$	25,000 \$	
	Total Assistance Listing 93.686 \$	-	\$ 25,000			\$	25,000 \$	
Autism Collaboration, Accountability, Research, Education, and	93.877 \$		\$ 372,760	University of California Los Angeles	1557 G YA668; 441356-AK-31636	\$	372,760 \$	
Support	Total Assistance Listing 93.877 \$					\$	372,760 \$	
CENTERS FOR DISEASE CONTROL AND PREVENTION Cancer Prevention and Control Programs for State, Territorial								
and Tribal Organizations	93.898 \$ Total Assistance Listing 93.898 \$	-	\$ 1,965 \$ 1,965	Access Matters	CONTRACT# 190203; 509/4000	\$	1,965 \$ 1,965 \$	
HEALTH RESOURCES AND SERVICES ADMINISTRATION								
HIV Emergency Relief Project Grants HIV Emergency Relief Project Grants	93-914 \$ 93-914		\$ 1,694 156,390	City of Philadelphia - Aids Activities Coordinating Office City of Philadelphia - Aids Activities Coordinating Office	RM1811;1820528-03 2220592; RM2811	\$	1,694 \$ 156,390	
HIV Emergency Relief Project Grants	93-914	-	83,512	City of Philadelphia - Aids Activities Coordinating Office	2220592; RM2812		83,512	
HIV Emergency Relief Project Grants	93.914	-	21,500	City of Philadelphia - Aids Activities Coordinating Office	2220592; RM2220		21,500	
HIV Emergency Relief Project Grants	93.914	-	43,314	City of Philadelphia - Aids Activities Coordinating Office	2220591 RS2875		43,314	
HIV Emergency Relief Project Grants	93.914	-	214,116	City of Philadelphia - Aids Activities Coordinating Office	CONTRACT 2220591 RW2213		214,116	
HIV Emergency Relief Project Grants	93.914		351,771	City of Philadelphia - Aids Activities Coordinating Office	2220591 RW2212		351,771	
HIV Emergency Relief Project Grants HIV Emergency Relief Project Grants	93-914 93-914	-	364,133	City of Philadelphia - Aids Activities Coordinating Office City of Philadelphia - Aids Activities Coordinating Office	2320087-01 2220592 RM3812 RM3811 RM3220		364,133	
HIV Emergency Kener Project Grants	Total Assistance Listing 93.914 \$	· · ·	93,152 \$ 1,329,582	City of Philadelphia - Alds Activities Coordinating Office	2220592 RM3812 RM3811 RM3220	\$ 1	93,152 1,329,582 \$	
Grants to Provide Outpatient Early Intervention Services with								
Respect to HIV Disease	93.918 \$	1,139,354	\$ -				1,139,354 \$	
	Total Assistance Listing 93.918 \$	1,139,354	\$ -			\$	1,139,354 \$	
CENTERS FOR DISEASE CONTROL AND PREVENTION			¢ 08.000	Otract Philadelphia Aida Astricitas Constitucion Office	CONTRACT on open of Theory		09 m 0 . \$	
HIV Prevention Activities Health Department Based	93.940 \$ Total Assistance Listing 93.940 \$		\$ 28,710 \$ 28,710	City of Philadelphia - Aids Activities Coordinating Office	CONTRACT 22 20533 CP2015	\$	28,710 \$ 28,710 \$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION	۶.							
Block Grants for Prevention and Treatment of Substance Abuse	93-959 \$	-	\$ 83,405	Pennsylvania Department of Drug and Alcohol Programs	4300714451;4400024510	\$	83,405 \$	
	Total Assistance Listing 93.959 \$	-	\$ 83,405			\$	83,405 \$	
Mental Health Disaster Assistance and Emergency Mental Health	93.982 \$	-	\$ (4,610)	Kansas Department for Aging and Disability Services	H79FG000624 MOD 1	\$	(4,610) \$	
**C484.4	Total Assistance Listing 93.982 \$	-	\$ (4,610)			\$	(4,610) \$	
Total Department of Health and Human Services	\$	4,101,919	\$ 2,122,183			\$ 6	5,224,102 \$	2)
ORPORATION FOR NATIONAL AND COMMUNITY SERVICES								
Corporation for National and Community Service AmeriCorps State and National 94.006	94.006 \$		\$ 14,172	Commonwealth of PA-AmeriCorps State Prog	117558; 4100090709	\$	14,172 \$	
AmeriCorps State and National 94.006	94.006		164,141	PA Dept of Labor and Industry	4100093439		164,141	
	Total Assistance Listing 94.006 \$		\$ 178,313			à	178,313 \$	
AmeriCorps National Service and Civic Engagement Research	94.026 \$	139,096				\$	139,096 \$	
			s -			-		
Competition	Total Assistance Listing 94.026	139.096	\$ -			\$	139,096 \$	
Competition Total Corporation for National and Community Service	Total Assistance Listing 94.026 \$	-0,,,-,-	÷			\$	139,096 \$ 317,409 \$	

Federal Grantor / Program or Cluster Title	Assistance Listing Number	Direct Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Passed to Expenditures Sub-Recipients
AGENCY FOR INTERNATIONAL DEVELOPMENT AGENCY FOR INTERNATIONAL DEVELOPMENT USAID Foreign Assistance for Programs Overseas	98.001 Total Assistance Listing 98.001	\$ - \$ 38,538 \$ - \$ 38,538	21st Century Partnership for STEM Education	21PSTEM 72026318C0003-009	<u>\$ 38,538</u> \$ - \$ 38,538 \$ -
Total Agency for International Development	-	\$ - \$ 38,538			\$ 38,538 \$ -
TOTAL OTHER SPONSORED PROJECTS	-	\$ 7,898,533 \$ 3,168,422			\$ 11,066,955 \$ 2,206,743
STUDENT FINANCIAL AID CLUSTER					
DEPARTMENT OF THE TREASURY Federal Work-Study Program	84.033 Total Assistance Listing 84.033	\$ 5,023,752 \$ - \$ 5,023,752 \$ -			\$ 5,023,752 \$ - \$ 5,023,752 \$ -
Federal Perkins Loan Program Outstanding loans as of July 1, 2022	84.038 Total Assistance Listing 84.038	\$ 9,381.504 \$ - \$ 9,381.504 \$ -			<u>\$ 9,381,504</u> \$ - \$ 9,381,504 \$ -
Federal Pell Grant Program	84.063 Total Assistance Listing 84.063	\$ 18,632,187 \$ - \$ 18,632,187 \$ -			\$ 18,632,187 \$ - \$ 18,632,187 \$ -
Federal Direct Student Loans	84.268 Total Assistance Listing 84.268	\$ 255,152,522 \$ - \$ 255,152,522 \$ -			<u>\$ 255,152,522 </u> \$ - \$ 255,152,522 \$ -
Total Department of Education	3	\$ 288,189,965 \$ -			\$ 288,189,965 \$ -
DEPARTMENT OF HEALTH AND HUMAN SERVICES Health Resources and Services Administration Primary Care Loans Outstanding loans as of July 1, 2022 New loans issued during 2022 Total Primary Care Loans	93.342 93.342 Total Assistance Listing 93.342	\$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ -
Total Department of Health and Human Services		\$ - \$ -			\$ - \$ -
TOTAL STUDENT FINANCIAL AID CLUSTER	3	\$ 288,189,965 \$ -			\$ 288,189,965 \$ -
TOTAL FEDERAL AWARD EXPENDITURES	3	\$ 386,436,873 \$ 22,388,844			\$ 408,825,716 \$ 22,102,257

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") summarizes the expenditures of Drexel University and its subsidiaries (the "University") under programs of the federal government for the year ended June 30, 2023. Because the Schedule presents only a selected portion of the operations of the University, it is not intended to, and does not, present the consolidated financial position, revenues, expenses, and changes in net assets of the University.

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

Federally guaranteed loans issued to students of the University by various financial institutions and campus-based loan programs, disclosed in Note 3, are also included in the Schedule. The Schedule is presented using the accrual basis of accounting. Negative items on the Schedule represent adjustments from the prior year.

2. Basis of Accounting

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

3. Federal Student Loan Programs

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

	Assistance Listing Number	Receivable as une 30, 2023
Other student loan programs:		
Federal Perkins Loan Program	84.038	\$ 7,163,349
Primary Care Loans	93.342	-
Loans for Disadvantaged Students	93.342	-
Nursing Student Loan	93.364	 -
		\$ 7,163,349

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. There was no administrative cost allowance for the Federal Perkins Loan Program for the year ended June 30, 2023. The amount of Perkins loan principal cancelled during the year was \$69,178 (Assistance Listing #84.038). II. Internal Control and Compliance



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

To the Board of Trustees of Drexel University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the consolidated financial statements of Drexel University and its subsidiaries (the "University"), which comprise the consolidated statement of financial position as of June 30, 2023, and the related consolidated statements of activities and cash flows for the year then ended, including the related notes (collectively referred to as the "consolidated financial statements"), and have issued our report thereon dated October 27, 2023.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the consolidated financial statements, we considered the University's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion⁵ on the consolidated 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 or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's consolidated financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion.

The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University'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 University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Prucurate shouse Coopers U.P.

Philadelphia, PA October 27, 2023



Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance

To the Board of Trustees of Drexel University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Drexel University and its subsidiaries (the "University") compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2023. 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.

In our opinion, the University complied, in all material respects, with the 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, 2023.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the University's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an

opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Other Matter

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the OMB Compliance Supplement, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 12 "Gramm-Leach-Bliley Act-Student Information Security." This section includes two suggested audit procedures with respect to verification that the institution (1) designated a Qualified Individual responsible for implementing and monitoring the institution's information security program, and (2) has a written information security program that addresses the remaining six required minimum elements that are detailed in the OMB Compliance Supplement, Part Five, Student Financial Assistance Cluster, Special Tests and Provisions, item 12, Gramm-Leach-Bliley Act – Student Information Security. Our procedures in relation to these two items were limited to inquiry of and obtaining written representation from management and obtaining and reading management's documentation related to these two items. Our procedures did not include an analysis of the adequacy or completeness of the minimum required elements of the institution's information security program.

Report on 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 is a material weakness in internal control over compliance with a type of compliance is a deficiency or a combination of deficiencies, in internal control over compliance with a type of compliance is a deficiency or a combination of deficiencies, in internal control over compliance with a type of compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance is a deficiency, or a combination of deficiencies, 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 Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance that we consider to be material weaknesses.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

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

Aucurck Amar Cropers LLP

Philadelphia, PA March 27, 2024

III. Schedule of Findings and Questioned Costs

Section I - Summary of Auditor's Results Consolidated Financial Statements

(i)	Type of auditor's report issued	Unmodified Op	inion
(ii)	Internal control over financial reporting: Material weakness(es) identified? Significant deficiency(ies) identified that are	yes	<u>X</u> no
	not considered to be material weaknesses?	yes	\underline{X} none reported
(iii)	Noncompliance material to financial statements noted?	yes	<u>X</u> no

Federal Awards

(iv)	Internal control over financial reporting:		
	Material weakness(es) identified?	yes	<u>X</u> no
	Significant deficiency(ies) identified that are		
	not considered to be material weaknesses?	yes	\underline{X} none reported
(v)	Type of auditor's report issued on compliance		
	for major programs:	Unmodified Op	pinion
(vi)	Any audit findings disclosed that are required to be		
	reported in accordance with 2 CFR200.516(a)?	yes	<u>X</u> no

(vii) Identification of major programs:

Assistance Listing Number(s)

Various

93.243

- (viii) Dollar threshold used to distinguish between Type A and Type B programs:
- (ix) Auditee qualified as low risk auditee?

Section II - Financial Statement Findings

None noted

Section III - Federal Awards Findings and Questioned Costs None noted

Name of Federal Program or Cluster

Student Financial Aid Cluster

Substance Abuse and Mental Health Services Projects of Regional and National Significance

\$ 3,000,000 <u>X</u> yes _____no

Drexel University and Subsidiaries Summary Schedule of Prior Audit Findings For the Year Ended June 30,2023

Section III: Federal Award Findings and Questioned Costs No prior year findings to report.