



OLD DOMINION UNIVERSITY

Research Foundation

FINANCIAL REPORT

JUNE 30, 2023 AND 2022



ASSURANCE, TAX & ADVISORY SERVICES

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INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees
Old Dominion University Research Foundation

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of Old Dominion University Research Foundation (the Foundation), which comprise the statements of financial position as of June 30, 2023 and 2022, the related statements of activities, functional expenses, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Foundation 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 audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards* (GAS) issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Foundation and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. 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 Financial Statements

Management is responsible for the preparation and fair presentation of the 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 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 Foundation's ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

Auditor’s Responsibilities for the Audit of the 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 auditor’s report that includes our opinion. 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 GAAS and *Government Auditing Standards* (GAS) 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 GAAS and GAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the 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 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 Foundation’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 financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Foundation’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.

Emphasis of Matter – Change in Method of Accounting

As discussed in Note 1 to the financial statements, in 2023, the Organization adopted the new accounting guidance Financial Accounting Standards Board (FASB) Accounting Standards Update (ASU) 2016-02, *Leases* (Topic 842). Our opinion is not modified with respect to this matter.

Supplementary Information

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

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 4, 2023 on our consideration of the Foundation's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Foundation's 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 Foundation's internal control over financial reporting and compliance.

PBMares, LLP

Newport News, Virginia
October 4, 2023

FINANCIAL STATEMENTS

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 13,339,580	\$ 11,906,968
Accounts receivable:		
Grants and contracts, net	15,612,834	16,757,295
Other research related	141,173	289,710
Other	334,543	335,837
Travel advances	106,993	85,986
Prepaid expenses	596,000	893,339
Investments	<u>-</u>	<u>1,073,666</u>
 Total current assets	 <u>30,131,123</u>	 <u>31,342,801</u>
PROPERTY AND EQUIPMENT		
Buildings and improvements	7,954	7,954
Office furniture	262,561	278,863
Office equipment	173,489	173,489
Research equipment	19,567,703	18,971,293
Computer equipment	3,360,447	3,154,169
Equipment in process	<u>698,192</u>	<u>310,929</u>
	24,070,346	22,896,697
Less - accumulated depreciation	<u>(20,871,999)</u>	<u>(20,635,738)</u>
 Total property and equipment	 <u>3,198,347</u>	 <u>2,260,959</u>
OTHER ASSETS		
Investments	5,257,260	5,090,511
Right-of-use asset	<u>1,388,846</u>	<u>-</u>
 Total other assets	 <u>6,646,106</u>	 <u>5,090,511</u>
 Total assets	 <u>\$ 39,975,576</u>	 <u>\$ 38,694,271</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable	\$ 5,224,932	\$ 5,411,215
Accrued expenses	3,019,974	2,656,034
Lease liability - current	209,610	-
Deferred revenue	<u>10,860,231</u>	<u>10,454,230</u>
Total current liabilities	<u>19,314,747</u>	<u>18,521,479</u>
LONG-TERM LIABILITIES		
Lease liability, net of current portion	<u>1,197,568</u>	-
Total long-term liabilities	<u>1,197,568</u>	-
Total liabilities	<u>20,512,315</u>	<u>18,521,479</u>
NET ASSETS		
Without donor restrictions:		
Old Dominion University funds	15,246,252	16,689,413
Plant funds	3,198,347	2,260,959
Undesignated General and Designated Foundation Reserve	<u>1,018,662</u>	<u>1,222,420</u>
Total net assets	<u>19,463,261</u>	<u>20,172,792</u>
Total liabilities and net assets	<u>\$ 39,975,576</u>	<u>\$ 38,694,271</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Activities

For the Years Ended June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
PUBLIC SUPPORT AND REVENUES		
Sponsored research	\$ 51,106,237	\$ 47,540,017
Indirect cost revenue	9,263,244	9,103,479
Other research related revenue	1,670,392	1,403,562
Value of contributed services	605,830	832,470
Interest and investment income (loss)	364,470	(560,171)
Memberships	3,000	3,250
Other	81,900	10,350
Total public support and revenues	<u>63,095,073</u>	<u>58,332,957</u>
EXPENSES		
Program services:		
Sponsored research	49,277,579	46,109,803
Other research related expenses	8,115,965	7,771,710
	<u>57,393,544</u>	<u>53,881,513</u>
Management and general	6,411,060	5,603,446
Total expenses	<u>63,804,604</u>	<u>59,484,959</u>
CHANGE IN NET ASSETS	(709,531)	(1,152,002)
NET ASSETS, BEGINNING OF YEAR	<u>20,172,792</u>	<u>21,324,794</u>
NET ASSETS, END OF YEAR	<u>\$ 19,463,261</u>	<u>\$ 20,172,792</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Functional Expenses
For the Years Ended June 30, 2023 and 2022

	2023			2022		
	Program Services	Management and General	Total	Program Services	Management and General	Total
Salaries and wages	\$ 25,374,404	\$ 3,230,222	\$ 28,604,626	\$ 25,217,923	\$ 2,581,215	\$ 27,799,138
Fringe benefits	6,365,241	1,294,079	7,659,320	6,750,602	1,096,920	7,847,522
Participant support costs	6,704,781	-	6,704,781	4,088,661	-	4,088,661
Contractual services	6,048,951	234,006	6,282,957	5,382,319	429,531	5,811,850
Subcontracts	4,658,553	-	4,658,553	5,092,054	-	5,092,054
Supplies	2,457,311	34,303	2,491,614	2,152,568	21,851	2,174,419
Tuition	2,197,734	-	2,197,734	2,115,928	-	2,115,928
Travel	2,015,050	27,038	2,042,088	1,062,568	6,553	1,069,121
General research related expenses	1,774,473	4,352	1,778,825	1,522,762	15,703	1,538,465
Depreciation	-	966,000	966,000	-	911,664	911,664
Lease expense	63,955	272,132	336,087	59,270	248,965	308,235
Insurance and bonds	-	156,826	156,826	-	141,954	141,954
Repairs and maintenance	-	115,716	115,716	-	93,000	93,000
(Gain)/loss on disposal of fixed assets	-	24,984	24,984	-	(11,782)	(11,782)
Bank service charges	-	14,117	14,117	-	27,461	27,461
Telephone	-	11,471	11,471	-	10,989	10,989
Postage	-	6,394	6,394	-	4,794	4,794
Bad debts	-	5,870	5,870	-	14,508	14,508
Meetings and entertainment	-	5,198	5,198	-	2,110	2,110
Publications	-	3,642	3,642	-	2,066	2,066
Memberships	-	2,952	2,952	-	2,034	2,034
Printing and copying	-	1,802	1,802	-	637	637
ODU support	-	-	-	700,000	-	700,000
Utilities	-	(44)	(44)	-	3,273	3,273
Transfers to projects	(266,909)	-	(266,909)	(263,142)	-	(263,142)
	<u>\$ 57,393,544</u>	<u>\$ 6,411,060</u>	<u>\$ 63,804,604</u>	<u>\$ 53,881,513</u>	<u>\$ 5,603,446</u>	<u>\$ 59,484,959</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Cash Flows

For the Years Ended June 30, 2023 and 2022

	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in net assets	\$ (709,531)	\$ (1,152,002)
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities:		
Depreciation	966,000	911,664
(Gain)/loss on disposal of fixed assets	24,984	(11,782)
Realized and unrealized (gain)/loss on investments	(121,668)	666,981
Bad debts	5,870	14,508
Changes in assets and liabilities:		
Grants and contracts receivable	1,138,591	(3,577,050)
Other research related receivables	148,537	(146,034)
Other receivables	1,294	143,592
Travel advances	(21,007)	(48,594)
Prepaid expenses	297,339	(158,904)
Accounts payable	(186,283)	1,224,671
Accrued expenses	363,940	32,078
Operating lease assets and liabilities ^a	18,332	-
Deferred revenue	406,001	3,418,840
Net cash provided by operating activities	2,332,399	1,317,968
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of property and equipment	(1,928,372)	(626,878)
Purchases of investments	(46,365)	(95,930)
Proceeds from sale of property and equipment	-	70,857
Proceeds from sale of investments	1,074,950	2,732,378
Net cash provided by (used in) investing activities	(899,787)	2,080,427
NET INCREASE IN CASH AND CASH EQUIVALENTS	1,432,612	3,398,395
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	11,906,968	8,508,573
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 13,339,580	\$ 11,906,968

^aThe Foundation recorded the initial Right-of-Use (ROU) asset and lease liability on July 1, 2022 at \$1,604,903.

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 1. NATURE OF FOUNDATION AND SIGNIFICANT ACCOUNTING POLICIES

Nature of Foundation

Old Dominion University Research Foundation (the “Foundation”) is a nonprofit corporation chartered under the laws of the Commonwealth of Virginia in 1965. The Foundation is exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code. The Foundation has been designated as the fiscal and administrative agent for Old Dominion University's (the “University”) sponsored research agreements.

The University has implemented Governmental Accounting Standards Board (GASB) Codification Section 2600 *Reporting Entity and Component Unit Presentation and Disclosure*. The Foundation qualifies as a component unit of the University as defined in GASB Codification section 2600.105.

The Foundation's purpose is to promote the educational objectives of the University by encouraging, advancing and conducting research in scientific and other fields. The Foundation also supports utilizing, publishing or otherwise making known the results of such investigations and research.

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 amounts of assets, liabilities, revenues, and expenses and disclosure of contingent assets and liabilities for the reported periods. Actual results could differ from those estimates and assumptions.

Basis of Accounting

The financial statements of the Foundation have been prepared on the accrual basis of accounting and accordingly reflect all significant receivables, payables and other liabilities.

Basis of Presentation

The Foundation is required to report information regarding its financial position and activities according to two classes of net assets: with donor restrictions and without donor restrictions. All public support, revenues, and net assets are considered without donor restrictions.

Cash and Cash Equivalents

For the purpose of the statements of cash flows, the Foundation considers all highly liquid investments purchased with an initial maturity of three months or less to be cash equivalents.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 1. NATURE OF FOUNDATION AND SIGNIFICANT ACCOUNTING POLICIES (Continued)

Accounts Receivable

Accounts receivable consists of amounts due from grants, reimbursable cost contracts, and fixed-cost contracts. The Foundation uses the allowance method to account for doubtful grant and contract receivables, which is based on prior years' collection experience and management's analysis of the account balances.

Investments

The Foundation reports investments in marketable equity securities with readily determinable fair values and all investments in debt securities at their fair values in the statements of financial position. Unrealized gains and losses are included in the change in net assets in the accompanying statements of activities. Also included in investments are certificates of deposit with original maturities greater than three months. The certificates of deposit are recorded at the initial investment value plus accrued interest.

Income Taxes

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 740 prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. The Foundation's management has evaluated the impact of the standard to its financial statements. The Foundation recognizes interest and penalties incurred, if any, related to income tax positions as other interest expense and penalties expense, respectively. The Foundation's tax returns are subject to examination by taxing authorities, generally for a period of three years from the date they were filed.

Property and Equipment

Property and equipment are recorded at cost if purchased by the Foundation and at estimated fair market value as of the date received if donated or awarded. Depreciation of property and equipment is computed using the straight-line method over their estimated useful lives as follows:

Buildings and improvements	15 - 20 years
Office furniture	7 years
Office equipment	5 - 7 years
Research equipment	5 years
Computer equipment	5 - 7 years

The Foundation maintains title to and capitalizes at cost all property and equipment purchased under sponsored research grants, unless otherwise stated by the sponsor.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 1. NATURE OF FOUNDATION AND SIGNIFICANT ACCOUNTING POLICIES (Continued)

Revenue Recognition

Substantially all of the Foundation's revenue is derived from grants, reimbursable cost contracts, and fixed-cost contracts. Grants and contracts are awarded for sponsored research and development purposes and require the Foundation to expend the funds awarded on qualifying expenses in accordance with the Office of Management and Budget rules and regulations and/or other cost principles and requirements pursuant to the agreements. Revenue is recognized upon incurring qualifying expenses plus indirect costs allowable under the grant or contract.

The Foundation does receive funds in advance of incurring qualifying expenses pursuant to grants and contracts. Recognition of these amounts as revenue is deferred until qualifying expenses are incurred.

Collaborative Arrangements

The Foundation periodically enters into collaborative arrangements with other universities, state agencies, commercial enterprises or private foundations. Such arrangements may involve research, development or licensing of intellectual property activities. Revenues and expenses from collaborative arrangements are included in the accompanying statements of activities.

Functional Expense Allocations

The costs of program and supporting services activities have been summarized on a functional basis in the statements of activities. The statements of functional expenses present the natural classification detail of expenses by function. Accordingly, certain costs have been allocated among the programs and supporting services benefited. Directly identifiable expenses are allocated to program services or management and general and those not directly identifiable are allocated based on estimates made by management. Expenses classified as program services include all costs directly incurred and reimbursed by program sponsors pursuant to the related grants or contracts. The majority of the expenses allocated as management and general, such as salaries and wages, fringe benefits and depreciation, are treated as indirect costs and are recovered from sponsored programs based upon base-year allocation percentages approved by the Foundation's cognizant agency, the Office of Naval Research. Other than proposal and funding costs associated with sponsored programs (see Note 9), the Foundation does not solicit contributions nor conduct fundraising activities.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 1. NATURE OF FOUNDATION AND SIGNIFICANT ACCOUNTING POLICIES (Continued)

New Accounting Pronouncements

Leases: Effective July 1, 2022, the Foundation changed its method of accounting for leases due to the adoption of FASB Accounting Standards Update (ASU) 2016-02, *Leases* (Topic 842), as amended. The Foundation adopted the standard using a modified retrospective transition approach at the beginning of the period of adoption through a cumulative-effect adjustment, which included an evaluation of the Foundation leasing contracts and activities. The adoption of this guidance resulted in the inclusion of right-of-use (ROU) asset, and current and non-current operating lease liability on the statement of financial position, and adoption of the guidance resulted in the inclusion of a cumulative-effect adjustment to net assets in the statement of financial position for the year ended June 30, 2023.

As part of this adoption, the Foundation has elected the practical expedient relief package allowed by the new standard, which does not require the reassessment of (1) whether existing contracts contain a lease, (2) the lease classification or (3) unamortized initial direct costs for existing leases; and have elected to apply hindsight to the existing leases.

Additionally, the Foundation made accounting policy elections such as exclusion of inter-organization leases and short-term leases (leases with a term of 12 months or less and which do not include a purchase option that the Foundation is reasonably certain to exercise) from the statement of financial position presentation, use of portfolio approach in determination of discount rate and accounting for nonlease components in a contract as part of a single lease component for all asset classes.

At contract inception, the Foundation determines if a contract is or contains a lease and whether it is an operating lease or a finance lease. The Foundation does not separate lease components for real estate leases. For operating leases that have a lease term greater than one year, the Foundation initially recognizes operating lease liabilities and ROU assets at the lease commencement date, which is the date that the lessor makes an underlying asset available for use by the Foundation. ROU assets represent the Foundation's right to use an underlying asset for the lease term and lease liabilities represent the present value of the Foundation's obligation to make lease payments, primarily escalating fixed payments, over the lease term. The discount rate used to determine the present value of the lease payments is generally the rate implicit in the lease agreement. If the discount rate implicit in the lease agreement is not readily determinable, the Foundation uses the risk-free rate of return.

The Foundation's lease terms for each of its leases represent the noncancelable period for which the Foundation has the right to use an underlying asset, together with all of the following: (i) periods covered by an option to extend the lease, if the Foundation is reasonably certain to exercise that option; (ii) periods covered by an option to

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 1. NATURE OF FOUNDATION AND SIGNIFICANT ACCOUNTING POLICIES (Concluded)

terminate the lease if the Foundation is reasonably certain not to exercise that option; and (iii) periods covered by an option to extend (or not to terminate) the lease in which exercise of the option is controlled by the lessor. The Foundation recognizes lease expense on a straight-line basis over the lease term.

See Note 8 for further detail on leases.

NOTE 2. ACCOUNTS RECEIVABLE

Accounts receivable for grants and contracts consists of the following:

	<u>2023</u>	<u>2022</u>
Accounts receivable	\$ 15,705,834	\$ 16,865,295
Less reserve for uncollectible receivables	<u>(93,000)</u>	<u>(108,000)</u>
	<u>\$ 15,612,834</u>	<u>\$ 16,757,295</u>

NOTE 3. LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure, that is, without donor or other restrictions limiting their use, within one year of the statement of financial position date, comprise the following:

	<u>2023</u>	<u>2022</u>
Cash and cash equivalents	\$ 13,339,580	\$ 11,906,968
Less: deferred revenue	(10,860,231)	(10,454,230)
Accounts receivable	16,088,550	17,382,842
Operating investments	<u>5,257,260</u>	<u>6,164,177</u>
	<u>\$ 23,825,159</u>	<u>\$ 24,999,757</u>

Accounts receivable are shown net of the allowance for uncollectible accounts and represent amounts due to the Foundation for work completed as of fiscal year end. Amounts received for work not yet performed are recorded as deferred revenue and are not considered available until the work is completed. Operating investments include current and long-term investments.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 4. ASSETS MEASURED AT FAIR VALUE ON A RECURRING BASIS

The Foundation has established and documented processes and methodologies for determining the fair values of investments on a recurring basis in accordance with FASB ASC 820. Under FASB ASC 820, a financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. The three levels of valuation hierarchy established by FASB ASC 820 are defined as follows:

Level 1. Unadjusted quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date.

Level 2. Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly through corroboration with observable market data.

Level 3. Inputs are unobservable for the asset or liability and include situations where there is little, if any, market activity for the asset or liability. The inputs used in the determination of fair value are based upon the best information in the circumstances and may require significant management judgment or estimation.

Assets Held at Net Asset Value (NAV). —Valuations based on fair value using the NAV per share (or its equivalent) of such investment funds as a practical expedient for fair value. The practical expedient allows net asset value per share to represent fair value for reporting purposes when the criteria for using this method are met. The Foundation has estimated the fair value of these funds by using the NAV provided by the fund's managers.

Fair values for investments are determined by reference to quoted market prices and other relevant information generated by market transactions. The Foundation endeavors to utilize the best available information in measuring fair value. Financial asset and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement.

The following tables summarize, by level within the fair value hierarchy, the assets measured at fair value on a recurring basis as of June 30, 2023 and 2022. There are no asset valued with level 2 or 3 inputs as of June 30, 2023 and 2022.

<u>Description</u>	<u>Fair Value at 06/30/23</u>	<u>Quoted Prices in Active Markets for Identical Assets Level 1</u>	<u>Assets Held at Net Asset Value (or Equivalent)</u>
Bond funds	\$ 3,988,734	\$ -	\$ 3,988,734
Mutual funds	1,258,142	1,258,142	-
Common stock	<u>10,384</u>	<u>10,384</u>	<u>-</u>
Total	<u>\$ 5,257,260</u>	<u>\$ 1,268,526</u>	<u>\$ 3,988,734</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 4. ASSETS MEASURED AT FAIR VALUE ON A RECURRING BASIS

(Continued)

<u>Description</u>	<u>Fair Value at 06/30/22</u>	<u>Quoted Prices in Active Markets for Identical Assets Level 1</u>	<u>Assets Held at Net Asset Value (or Equivalent)</u>
Bond funds	\$ 4,000,100	\$ -	\$ 4,000,100
Mutual funds	1,077,834	1,077,834	-
Common stock	<u>12,577</u>	<u>12,577</u>	<u>-</u>
 Total	 <u>\$ 5,090,511</u>	 <u>\$ 1,090,411</u>	 <u>\$ 4,000,100</u>

The following methods and assumptions were used to estimate the fair value of each class of financial instruments:

Marketable securities – The fair values of mutual funds and common stock are determined based upon quoted market prices.

Bond funds – fair value is determined by the NAV of the funds as determined in good faith by the fund manager using the NAV as the practical expedient.

In addition to the above assets valued at fair value on a recurring basis, included in investments in the accompanying statements of financial position as of June 30, 2023 and 2022 are certificates of deposit totaling \$0 and \$1,073,666, respectively.

NOTE 5. RELATED PARTY TRANSACTIONS

	<u>2023</u>	<u>2022</u>
Old Dominion University:		
Payables	\$ 3,258,197	\$ 3,234,786
Receivables	2,437,535	5,143,180
Receipts	18,873,836	15,182,319
Disbursements	11,169,517	11,084,155

The Foundation occupies office space leased by the University and accrues its share of rent expense to be reimbursed to the University. See Note 8.

During the year ended June 30, 2021, the Board of Trustees approved an Acting Executive Director who was an employee of Old Dominion University (ODU). In June 2022, the Board elected a new Executive Director who is also an employee of ODU. The personnel costs are included under salaries and wages and fringe benefits in the Management and General section of the Statements of Functional Expenses and revenue is recorded as contributed services. Previous Executive Directors have been Foundation employees.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 5. RELATED PARTY TRANSACTIONS (Concluded)

During the year ended June 30, 2022, the Foundation agreed to pay \$700,000 of personnel related costs on behalf of ODU to an unrelated third-party vendor. \$350,000 of these costs were accrued at June 30, 2022. These costs are shown as ODU support on the Statements of Functional Expenses.

NOTE 6. NET ASSETS

Funds designated by the Board of Trustees for various operations are as follows:

	<u>2023</u>	<u>2022</u>
Applied Marine Research Laboratory		
Operations Funds	\$ 331,798	\$ 348,159
Other Cost Centers Fund	(746,244)	(292,941)
Old Dominion University Indirect		
Cost Allocation Fund	9,430,927	10,251,930
Other Old Dominion University		
Designated Funds	<u>6,229,771</u>	<u>6,382,265</u>
	<u>\$ 15,246,252</u>	<u>\$ 16,689,413</u>

Undesignated General and Designated Foundation Reserves are intended to provide resources for activities and costs not funded directly through operations.

	<u>2023</u>	<u>2022</u>
Undesignated General Funds	\$ (1,977,740)	\$ (1,116,394)
Designated Foundation Reserve Funds	<u>2,996,402</u>	<u>2,338,814</u>
	<u>\$ 1,018,662</u>	<u>\$ 1,222,420</u>

NOTE 7. 403(b) TAX SHELTERED ANNUITY PLAN

The Foundation has a 403(b) Tax Sheltered Annuity Plan (the "Plan") to assist employees with their retirement. All employees are eligible to participate in the Plan. All full-time, permanent employees receive an additional 11% of their pay as a contribution in lieu of retirement. This contribution may be invested in whole or part through the Foundation's annuity plan through either elective or nonelective contributions. Expense incurred under the plan for the years ended June 30, 2023 and 2022 was \$1,205,005 and \$1,192,602, respectively.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 8. LEASE COMMITMENTS

The Foundation occupies office space leased by the University and accrues its share of rent expense to be reimbursed to the University. This space is occupied under an agreement effective for the period beginning May 1, 2019 and terminating as jointly agreed by both parties. The agreement shall not exceed a period of ten years without approval of both parties. The Foundation also leases office equipment under noncancellable lease agreements. The office and equipment leases are classified as operating leases. Operating leases with a term of 12 months or less are not recorded on the statements of financial position. The following summarizes the line items in the Statements of Activities which include the amounts for the operating leases as of June 30, 2023:

Lease Expense	
Operating lease expense	\$ 259,105
Short-term lease expense	<u>\$ 76,982</u>
 Total lease expense	 <u>\$ 336,087</u>

The following is other supplemental information relating to the Organization's operating lease:

Other Supplemental Information:

Cash paid for amounts included in operating leases	\$ 240,773
ROU assets obtained in exchange for new operating lease liabilities	\$ 1,604,903
Weighted-average remaining lease term in years for operating leases	7 years
Weighted-average discount rate for operating leases	2.88%

Future maturities of the Organization's operating lease are as follows:

Years Ending June 30,	
2024	\$ 246,792
2025	252,962
2026	259,286
2027	265,768
2028	272,412
Thereafter	<u>232,558</u>
Total undiscounted cash flows	\$ 1,529,778
Less: Present value discount	<u>(122,600)</u>
 Total lease liabilities	 <u>\$ 1,407,178</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 9. PROPOSAL AND FUNDING COSTS

The Foundation incurs costs associated with proposal submission and funding requests. These costs are predominately personnel costs and related overhead associated with individuals involved in proposal preparation and submission activities. Proposal submission and funding requests are submitted to various federal and state agencies as well as commercial enterprises and private foundations. Total proposal and funding costs incurred for the years ended June 30, 2023 and 2022 were \$557,333 and \$532,167, respectively.

NOTE 10. TRANSFERS TO PROJECTS

The Foundation records transfers to projects when grants and contracts use cost centers that are managed by the Foundation. The cost centers have rates for various usages and the amount charged to projects is based on specific use. Transfers to projects totaled \$266,909 and \$263,142 for the years ended June 30, 2023 and 2022, respectively.

NOTE 11. CONTRIBUTED SERVICES

Contributed services are recognized as revenue and expense if the services (a) create or enhance nonfinancial assets or (b) require specialized skills, are performed by people with those skills, and would otherwise need to be purchased by the Foundation. Contributed services recognized by the Foundation represent time spent by University faculty on various research projects or management and general functions that are donated and not reimbursed by the Foundation. These contributed services are recorded at their estimated fair value and totaled \$605,830 and \$832,470 for the years ended June 30, 2023 and 2022, respectively.

NOTE 12. GOVERNMENT FURNISHED EQUIPMENT

The Foundation currently has the use of equipment provided by the federal government for use on various research projects. This equipment has not been capitalized by the Foundation since title to these assets remains with the government agency. The Foundation is obligated to continue using this equipment or return it to the proper governmental agency. The estimated cost of government furnished equipment currently available to the Foundation was \$692,955 as of June 30, 2023 and 2022.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2023 and 2022

NOTE 13. CONCENTRATIONS

Financial instruments which potentially subject the Foundation to concentration of credit risk consist principally of temporary cash investments. The Foundation places its temporary cash investments with high credit quality financial institutions. From time to time, the Foundation maintains cash balances on deposit with financial institutions that may exceed \$250,000, the amount insured by the Federal Deposit Insurance Corporation.

The Foundation maintains its money market and other investment funds with local offices of two national brokers. At times, the balances were in excess of the \$500,000 limit insured by the Securities Investor Protection Corporation as of June 30, 2023 and 2022.

A majority of the Foundation's receivables are due from the federal government and agencies thereof. Credit risk is based on the good standing of the federal government. The Foundation receives a substantial amount of its support from federal agencies. A significant reduction in the level of this support, if this were to occur, may have a significant effect on its programs and activities.

NOTE 14. SUBSEQUENT EVENTS

The Foundation has evaluated all events and transactions for potential recognition or disclosure through October 4, 2023, the date that the financial statements were available to be issued. Management has determined there are no subsequent events that require disclosure pursuant to the FASB ASC except as noted below.

On September 14, 2023, Governor Glenn Youngkin approved the amended budget that included funding to support the integration of ODU and the Eastern Virginia Medical School (EVMS). The allocation represents a significant step forward in the process to join the two institutions and create the most comprehensive health sciences center in Virginia. The merger is anticipated to occur in early 2024. The Foundation anticipates an increase in revenues and expenses from sponsored award administration from the merger, but an estimate of the overall effect cannot be made at this time.

NOTE 15. CONTINGENCIES

The Foundation has received grants for specific purposes that are subject to review and audit by the grantor agencies. Claims against these resources are generally conditional upon compliance with the terms and conditions of grant agreements and applicable federal regulations, including the expenditures of resources for allowable purposes. Any disallowance resulting from a federal audit may become a liability of the Foundation.

SUPPLEMENTAL INFORMATION

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Operating Funds

Year Ended June 30, 2023 With Comparative Totals for the Year Ended June 30, 2022

	Foundation General and Reserve Funds	Designated ODU Funds					Investment In Plant	Total Unrestricted Funds Before Eliminations	Cost Reimbursable	Fixed Cost	Paid In Advance	Total Funds Before Eliminations	Total Operating Funds	
		AMRL Operations Funds	Other Cost Centers Fund	IDC Revenue Allocation Fund	Other Designated Funds	Eliminations							2023	2022
PUBLIC SUPPORT AND REVENUES														
Direct revenue	\$ -	\$ -	\$ 66,683	\$ 833,910	\$ 769,799	\$ -	\$ 1,670,392	\$ 40,638,242	\$ 9,443,948	\$ 1,024,047	\$ 51,106,237	\$ -	\$ 52,776,629	\$ 48,943,579
Indirect cost revenue	-	-	-	-	-	-	-	7,554,011	1,639,054	70,179	9,263,244	-	9,263,244	9,103,479
Interfund revenue	-	80,799	197,836	(375,979)	374,529	-	277,185	269,317	40,832	18,890	329,039	(606,224)	-	-
Contributed services	233,975	-	-	-	371,855	-	605,830	-	-	-	-	-	605,830	832,470
Interest and investment income (loss)	384,555	-	-	(20,085)	-	-	364,470	-	-	-	-	-	364,470	(560,171)
Memberships	-	-	-	-	-	-	-	-	3,000	-	3,000	-	3,000	3,250
Other	81,900	-	-	-	-	-	81,900	-	-	-	-	-	81,900	10,350
Total public support and revenues	<u>700,430</u>	<u>80,799</u>	<u>264,519</u>	<u>437,846</u>	<u>1,516,183</u>	<u>-</u>	<u>2,999,777</u>	<u>48,461,570</u>	<u>11,126,834</u>	<u>1,113,116</u>	<u>60,701,520</u>	<u>(606,224)</u>	<u>63,095,073</u>	<u>58,332,957</u>
EXPENSES														
Program expenses:														
Salaries and wages	-	-	121,168	1,701,008	997,795	-	2,819,971	17,431,410	4,533,686	589,337	22,554,433	-	25,374,404	25,217,923
Fringe benefits	-	-	37,592	495,563	244,873	-	778,028	4,227,050	1,226,438	133,725	5,587,213	-	6,365,241	6,750,602
Supplies	-	26,785	130,118	266,231	263,196	-	686,330	1,471,293	244,900	54,788	1,770,981	-	2,457,311	2,152,568
Contractual services	-	6,858	309,850	1,926,484	48,731	-	2,291,923	3,158,143	554,101	44,784	3,757,028	-	6,048,951	5,382,319
Property rental	-	-	-	3,272	-	-	3,272	37,457	23,226	-	60,683	-	63,955	59,270
General expense	-	1,486	116,611	582,468	122,293	-	822,858	614,010	273,221	64,384	951,615	-	1,774,473	2,222,762
Transfers to projects	-	-	-	-	-	-	-	-	-	-	-	(266,909)	(266,909)	(263,142)
Travel	-	-	2,483	347,173	261,283	-	610,939	1,207,337	147,372	49,402	1,404,111	-	2,015,050	1,062,568
Subcontracts	-	-	-	-	165,801	-	165,801	3,892,714	549,017	51,021	4,492,752	-	4,658,553	5,092,054
Tuition	-	-	-	41,832	56,458	-	98,290	2,014,770	54,219	30,455	2,099,444	-	2,197,734	2,115,928
Other expenses	-	-	-	153,149	11,383	-	164,532	5,718,732	1,090,362	70,470	6,879,564	(339,315)	6,704,781	4,088,661
Total program expenses	<u>-</u>	<u>35,129</u>	<u>717,822</u>	<u>5,517,180</u>	<u>2,171,813</u>	<u>-</u>	<u>8,441,944</u>	<u>39,772,916</u>	<u>8,696,542</u>	<u>1,088,366</u>	<u>49,557,824</u>	<u>(606,224)</u>	<u>57,393,544</u>	<u>53,881,513</u>
SUPPORTING EXPENSES	<u>5,359,382</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,359,382</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,359,382</u>	<u>4,382,340</u>
Total expenses	<u>5,359,382</u>	<u>35,129</u>	<u>717,822</u>	<u>5,517,180</u>	<u>2,171,813</u>	<u>-</u>	<u>13,801,326</u>	<u>39,772,916</u>	<u>8,696,542</u>	<u>1,088,366</u>	<u>49,557,824</u>	<u>(606,224)</u>	<u>62,752,926</u>	<u>58,263,853</u>
CHANGE IN NET ASSETS BEFORE NON-BUDGETED SUPPORTING EXPENSES														
	(4,658,952)	45,670	(453,303)	(5,079,334)	(655,630)	-	(10,801,549)	8,688,654	2,430,292	24,750	11,143,696	-	342,147	69,104
NON-BUDGETED SUPPORTING EXPENSES														
	<u>1,051,678</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,051,678</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,051,678</u>	<u>1,221,106</u>
CHANGE IN NET ASSETS														
	(5,710,630)	45,670	(453,303)	(5,079,334)	(655,630)	-	(11,853,227)	8,688,654	2,430,292	24,750	11,143,696	-	(709,531)	(1,152,002)
NET ASSETS, BEGINNING OF YEAR														
	1,222,420	348,159	(292,941)	10,251,930	6,382,265	2,260,959	20,172,792	-	-	-	-	-	20,172,792	21,324,794
TRANSFERS														
Invested in plant, net	24,984	(62,031)	-	(145,987)	(11,514)	1,903,388	1,708,840	(1,534,930)	(173,910)	-	(1,708,840)	-	-	-
Depreciation expense	966,000	-	-	-	-	(966,000)	-	-	-	-	-	-	-	-
Indirect cost transfers	4,715,588	-	-	4,404,318	514,650	-	9,634,556	(7,868,890)	(1,694,341)	(71,325)	(9,634,556)	-	-	-
Funds designated from restricted fund	(199,700)	-	-	-	-	-	(199,700)	715,166	(562,041)	46,575	199,700	-	-	-
NET ASSETS, END OF YEAR	<u>\$ 1,018,662</u>	<u>\$ 331,798</u>	<u>\$ (746,244)</u>	<u>\$ 9,430,927</u>	<u>\$ 6,229,771</u>	<u>\$ 3,198,347</u>	<u>\$ 19,463,261</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 19,463,261</u>	<u>\$ 20,172,792</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedules of Supporting Expenses

For the Years Ended June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Personnel services	\$ 3,253,946	\$ 2,585,768
Fringe benefits	1,294,079	1,096,920
Lease expense	272,132	248,965
Professional services	193,752	141,122
Insurance and bonds	156,826	141,954
Maintenance services	77,378	74,559
Supplies	34,303	21,851
Travel	27,038	6,553
Bank service charges	14,117	27,461
Telephone	11,471	10,853
Postage	6,394	4,794
Meetings and entertainment	5,198	2,110
Miscellaneous	4,352	14,693
Publications and subscriptions	3,642	2,066
Professional memberships	2,952	2,034
Printing and copying	<u>1,802</u>	<u>637</u>
 Total supporting expenses	 <u>\$ 5,359,382</u>	 <u>\$ 4,382,340</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2023

Federal Assistance Listing Number	Agency/Pass-Through Grantor	Program Title	Pass-Through Entity Identifying Number	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
Research and Development Cluster						
U.S. Department of Homeland Security						
Pass-Through Programs from:						
97.039	State University of New Jersey (All Campuses)	Hazard Mitigation Grant	PID#829294 SUB#1764	\$ 16,543		*
97.061	University of North Carolina	Centers for Homeland Security	5101653	17,678		*
97.061	University of North Carolina	Centers for Homeland Security	5125248	164,177		*
97.067	Virginia Department of Emergency Management	Homeland Security Grant Program	8552	2,617		*
(1)	Applied Research Associates, Inc.	Immigration & Customs Enforcement	S-G10016-25-TO-01-VMASC	10,101		*
(1)	Hampton Roads Planning District Commission	Hampton Roads Metropolitan Medical Response System (HRMMRS) Emergency Medical	EM-2021-01	6,996		*
Subtotal Pass-Through Programs				\$ 218,112		
Total U.S. Department of Homeland Security				\$ 218,112		
U.S. Department of Commerce						
Direct Programs:						
11.020	Economic Development Administration	Cluster Grants	ED19HDQ0200096	\$ 140,757		*
11.431	National Oceanic and Atmospheric Administration	Climate and Atmospheric Research	NA19OAR4310309	47,434	\$ 37,364	*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	NA18NOS4780176	83,304		*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	NA22NOS4780174	58,152		*
(1)	National Oceanic and Atmospheric Administration	Understanding the Discrepancies Between Acoustic and Radar Measurements of Water	1305M222PNCNT0320	39,202		*
Subtotal Direct Programs				\$ 368,849		
Pass-Through Programs from:						
11.008	Consortium for Ocean Leadership, Inc.	NOAA Mission-Related Education Awards	220371	\$ 818		*
11.012	University of Delaware	Integrated Ocean Observing System (IOOS)	UDR0000090	177,281		*
11.012	University of Delaware	Integrated Ocean Observing System (IOOS)	UDR0000091	18,310		*
11.021	Nalu Scientific	NOAA Small Business Innovation Research (SBIR) Program	500443-010 210187	56,645		*
11.417	Va Institute of Marine Science	Sea Grant Support	72152K-712684	3,072		*
11.417	Va Institute of Marine Science	Sea Grant Support	721546-712684	30,016		*
11.417	Va Institute of Marine Science	Sea Grant Support	72155N-712684	12,293		*
11.417	Va Institute of Marine Science	Sea Grant Support	72155P-712684	29,991		*
11.417	Va Institute of Marine Science	Sea Grant Support	72155Q-712684	26,016		*
11.417	Va Institute of Marine Science	Sea Grant Support	724521-712684	2,008		*
11.417	Va Institute of Marine Science	Sea Grant Support	724535-712684	39,850		*
11.417	Va Institute of Marine Science	Sea Grant Support	724563-712684	44,752		*
11.417	Va Polytechnic Institute and State University	Sea Grant Support	419820-19076	7,481		*
11.419	College of William and Mary	Coastal Zone Management Administration Awards	744803-712687	7,999		*
11.454	State University of New Jersey (All Campuses)	Unallied Management Projects	1643	7,528		*
11.457	Chesapeake Bay Trust	Chesapeake Bay Studies	20926	67,216		*
11.478	Bishop Museum	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	310845-NOAA AS-ODU	57,960		*
11.478	Va Institute of Marine Science	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	720364-712684	42,199		*
11.478	Va Institute of Marine Science	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	721733-712685	4,672		*
(1)	College of William and Mary	Raft Expansion, Assessments & Workshops	744382-712687	7,928		*
Subtotal Pass-Through Programs				\$ 644,035		
Total U.S. Department of Commerce				\$ 1,012,884		
U.S. Department of Defense						
Direct Programs:						
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-21-1-2081	\$ 23,250		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-21-1-2248	93,379		*
12.330	National Security Agency	Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program	H98230-21-1-0278	124,630		*
12.330	National Security Agency	Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program	H98230-22-1-0275	164,897		*
12.431	Army Research Office	Basic Scientific Research	W911NF2310185	1,516		*
12.800	Air Force Research Laboratory	Air Force Defense Research Sciences Program	FA9550-17-1-0257	57,215		*
12.905	National Security Agency	Cybersecurity Core Curriculum	H98230-21-1-0165	118,191		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2023

Federal Assistance Listing Number	Agency/Pass-Through Grantor	Program Title	Pass-Through Entity Identifying Number	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
(1)	Army Corps of Engineers Research & Development Center (ERDC)	Learning Based Dynamic Spectrum Sharing for Nextg Networks	W9132T22P0023	50,000	25,000	*
(1)	Joint Non-Lethal Weapons Directorate	IPA Brian Long - Renewal	220481	202,094		*
(1)	Naval Sea Systems Command	Automation Tools & Analytics Courses for the Naval Shipyard Project Extension	N002418FB057 P0001	398,529		*
(1)	Naval Sea Systems Command	Automation Tools and Analytics Courses for the Naval Shipyard	GS-10F-097CA	92,409		*
(1)	Naval Surface Warfare Center	High Fidelity Maritime Traffic	N0017822P6667	145,736		*
(1)	Navsup Fleet Logistics Center Norfolk	CCO Beyond Convergence Phase 5 Western Hemisphere	N00189-16-P-Z854	205		*
(1)	Navsup Fleet Logistics Center Norfolk	JSFC Senior Fellow Support Services	N00189-20-P-Z336	60,619		*
(1)	Navsup Fleet Logistics Center Norfolk	Western Hemisphere Illicit Network Review	N0018919PZ962	161,579	157,827	*
(1)	Norfolk Naval Shipyard	Lean Six Sigma Training Space	N4215819PN181	26,305		*
	Subtotal Direct Programs			\$ 1,720,554		
	Pass-Through Programs from:					
12.000	Stevens Institute of Technology	Curriculum Enhancement and Sim Support	2103261-01	\$ 356,228		*
12.000	Stevens Institute of Technology	WRT 1045: Digital Engineering Implications on Decision Making Process	TASK ORDER HQ003421F0482	125,210		*
12.300	Lift Technology Operated by ALMMII	Basic and Applied Scientific Research	M009-01	140,898		*
12.300	Old Dominion University	Basic and Applied Scientific Research	N00014-19-1-2624	485,893		*
12.300	University of Cincinnati	Basic and Applied Scientific Research	012288-002	28,287		*
12.420	Emboddy	Military Medical Research and Development	18-473	21,280		*
12.556	York County Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	23-144-200381-010	27,859		*
12.556	York County Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	ODU-190226	5,975		*
12.600	Institute for Advanced Learning & Research	Community Investment	220426	877,996		*
12.600	Virginia Department of Veterans Services	Community Investment	210741	368,331		*
12.610	Va Department of Economic Development	Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies	200615	147,765	20,984	*
12.617	Virginia Department of Veterans Services	Economic Adjustment Assistance for State Governments	210442	17,396		*
12.630	Howard University	Basic, Applied, and Advanced Research in Science and Engineering	0009887-1000095661	397,545		*
12.630	Norfolk State University	Basic, Applied, and Advanced Research in Science and Engineering	F1040077-01	79		*
12.630	Old Dominion University	Basic, Applied, and Advanced Research in Science and Engineering	FA9550-22-1-0297	365,349	16,250	*
12.630	Old Dominion University	Basic, Applied, and Advanced Research in Science and Engineering	W911NF2310173	20,922		*
12.630	Old Dominion University	Basic, Applied, and Advanced Research in Science and Engineering	W911NF2310177	3,865		*
12.630	Old Dominion University	Basic, Applied, and Advanced Research in Science and Engineering	W911NF2310183	11,421		*
12.750	Henry M. Jackson Foundation	Uniformed Services University Medical Research Project	5975	15,078		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517	(52,585)	(6,081)	*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517/012	(10,072)		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-22-1-0115	268,573		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-22-1-0170	68,800		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-22-1-0428	79,116		*
12.903	Old Dominion University	Basic, Applied, and Advanced Research in Science and Engineering	H98230-22-1-0123	14,392		*
12.903	Old Dominion University	Gencyber Grants Program	H98230-21-1-0098	122,731		*
12.903	Old Dominion University	Gencyber Grants Program	H98230-21-1-0099	76,819		*
12.905	University of Virginia	Cybersecurity Core Curriculum	GG13380.PO#2404897	48,261		*
12.910	Pennsylvania State University	Research and Technology Development	6146-ODURF-ARO-0272	67,628		*
(1)	ALEX – Alternative Experts, LLC	Non-Lethal Fires Course Development	ODURF-5084	1,743		*
(1)	ALEX – Alternative Experts, LLC	Joint Nonlethal Intermediate Force Capabilities Professional Military Education	ODURF-MCINCR.JPME2023	4,883		*
(1)	Booz Allen and Hamilton, Inc. (BAH)	Naval Station Norfolk (NS Norfolk) 5G Architecture Ashore and Afloat	A10784	124,145		*
(1)	Circadence	SLATE	0068	0		*
(1)	Circadence	Advanced Instrumentation Technology Spectrum Risk Assessment	20-ODU-01	15,751		*
(1)	Circadence	AMBIT EW SIM Planning- Labor Only	20-ODU-01	301,870		*
(1)	Circadence	AMBIT EW SIM Planning- Travel Only	20-ODU-01	1,785		*
(1)	Circadence	DOD Instrumentation Analysis and Roadmap Development	20-ODU-01	(1)		*
(1)	Circadence	OASD P&R Fet - Labor	20-ODU-01	93,146		*
(1)	Circadence	OASD P&R Fet - Travel	20-ODU-01	2,779		*
(1)	Circadence	OASD Strategy Dev Task- Labor Only	20-ODU-01	(1,310)		*
(1)	Design Interactive, Inc.	CACHE Phase 2	C0063-20221130	41,062		*
(1)	Design Interactive, Inc.	CACHE - Option 2	SUB-N68335-01	27,966		*
(1)	Design Interactive, Inc.	CACHE (Collab Auto Curation Holistic Engine)	SUB-N68335-01	5,789		*

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(1)	Frontier Technology Inc.	Federal Systems Integration & Mgmt Ctr	100063-SA-22-V0000342	684,365		*
(1)	Great Lakes Systems and Technology	Self-Driving Electric Vehicle Robotic Tech Kernel	69-201815 GLS&T T01	1,784		*
(1)	Lynntech, Inc.	Energy Harvesting System	AF-005 II	95,660		*
(1)	Mantech	Eval & Enhancement of Sim Framework	30699-22-FP-T-21918	(2,598)		*
(1)	Norfolk Naval Shipyard	Lean Six Sigma Training Space Renewal	N4215823PN041	3,788		*
(1)	Old Dominion University	Non-Contact Neuromodulation by Nanosecond Pulsed Electronic Fields Nspcf	GDIT-09790	278,868		*
(1)	University of Hawaii	Construction and Delivery of Cbass - Univ of Hawaii	6112117	18,572		*
(1)	Va Polytechnic Institute and State University	Consortium of Cybersecurity Research and Adv Training of ROTC Stud Virtual Insti	419890-19076	76,083		*
(1)	Va Tech Arc	Smart Warehouse 5G Network	2021-0005	104,359		*
(1)	Valkyrie Enterprises, Inc.	Operationally Directed Instructional Network-Engineering Library	VE102056ODU-REFOUNDATION	97,027		*
(1)	Virginia Commonwealth University	ODU/DOD Aspire Collab Capstone Projects Army CSISR Center for Research	FP00017169 SA002	19,862		*
(1)	VR Rehab, Inc.	SBIR SAIPAN System	SAIPAN-21C-6604-ODU-PHI-OPT	395		*
(1)	VR Rehab, Inc.	SBIR: SAIPAN System	SAIPAN-M67854-22-C-6504-ODU-PHI	39,075		*
	Subtotal Pass-Through Programs			\$ 6,137,888		
	Total U.S. Department of Defense			\$ 7,858,442		
	U.S. Department of Energy					
	Direct Programs:					
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG02-96ER40960	\$ 1,026,830		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG0297ER41028	101,590		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DESC0010081	261,383	115,814	*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019149	26,094		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0020183	52,853		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0021857	66,699		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0022284	67,350		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC002286	110,701		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0023369	41,029		*
(1)	Fermi National Accelerator Laboratory	Cylindrical Magnetrol Sputtering	682075	11,342		*
(1)	Fermi National Accelerator Laboratory	Niobium Films Quantum Comp	678076	54,266		*
	Subtotal Direct Programs			\$ 1,820,137		
	Pass-Through Programs from:					
81.049	Michigan State University	Office of Science Financial Assistance Program	RC112779-ODU	\$ 91,746		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0018106	138,863		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0019229	160,054		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0022309	156,377	21,270	*
81.087	South Dakota School of Mines and Technology	Renewable Energy Research and Development	SDSMT-ODU 19-06 R1	39,382		*
81.089	Old Dominion University	Fossil Energy Research and Development	DE-FE0031744	150,295	69,695	*
81.122	University of Illinois (All Campuses)		078620-17944	(339)		*
(1)	Ames Research Labs	Electricity Delivery and Energy Reliability, Research, Development and Analysis				
(1)	Applied Research LLC	Enabling Games for Exoscale Computing	SC-18-462	188,171		*
(1)	Applied Research LLC	Advanced Concepts in Tech	117-1	8,323		*
(1)	Applied Research LLC	Advanced Machine Learning Artificial Intelligence	118-1	40,954		*
(1)	Brookhaven National Laboratory	EIC Background Studies and the Impact on the IR and Detector Design	341538	(2)		*
(1)	Fermi National Accelerator Laboratory	HL LHC Accelerator Upgrade	665989	127,268		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Huang Support	17-C1093	64,589		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Faculty Salaries	17-C1093	374,221		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB A Rahman	17-C1150	18,154		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Ahammed	17-C1150	17,979		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Al-Allaq	17-C1150	2,854		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Alanazi	17-C1150	18,207		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Almaeen	17-C1150	3,272		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Angelopoulos	17-C1150	5,290		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Blume	17-C1150	17,654		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Breen	17-C1150	8,692		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Carrillo Bernal	17-C1150	7,924		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Coxo	17-C1150	17,655		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Dhital	17-C1150	9,003		*

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(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Farhat	17-C1150	6,628		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Ferguson	17-C1150	15,083		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Garner	17-C1150	5,800		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Glandon	17-C1150	11,212		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Harris	17-C1150	6,400		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Khanal	17-C1150	17,654		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Li	17-C1150	16,850		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB M Rahman	17-C1150	16,166		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Makita	17-C1150	3,042		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Maniscalco	17-C1150	4,215		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Masters	17-C1150	6,026		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Neththikumara	17-C1150	11,836		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Palacios-Serrano	17-C1150	(1,990)		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Parajuli	17-C1150	5,751		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Ploen	17-C1150	6,593		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Pokharel	17-C1150	15,847		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Rogers	17-C1150	8,692		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Sakiotis	17-C1150	977		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Senevirathne	17-C1150	12,602		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Sturzu	17-C1150	6,400		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Tiskumara	17-C1150	13,616		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Tomadakis	17-C1150	8,497		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLAB Yoskowitz	17-C1150	5,540		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	N Sayeed Support	17-C1150	1,416		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	EIC Crabbing System R&D	20-D0972	202,510		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Photocathodes W/90% Polarization for DOE NP	21-D0188	128,198		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Kerver 2021-2022 JSA/JLAB Graduate Fellowship	220134	3,812		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Polarized Bunched Electron Beam	23-D0341	5,910		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Particle ID Tracking in Real Time	23-D0561	9,404		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Fang Stipend	JSA-23-C0344	1,857		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA A Rahman	JSA-23-C0344	11,768		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Ahammed	JSA-23-C0344	10,992		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Ahmed	JSA-23-C0344	3,419		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Al Allaq	JSA-23-C0344	10,961		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Almaeen	JSA-23-C0344	3,878		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Blume	JSA-23-C0344	11,168		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Breen	JSA-23-C0344	5,584		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Cox	JSA-23-C0344	11,768		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Ferguson	JSA-23-C0344	10,361		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Khanal	JSA-23-C0344	11,768		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA M Rahman	JSA-23-C0344	11,234		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Neththikumara	JSA-23-C0344	8,076		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Pokharel	JSA-23-C0344	5,356		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Rogers	JSA-23-C0344	5,584		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Sakiotis	JSA-23-C0344	3,895		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Senevirathne	JSA-23-C0344	6,262		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	GSRA Tiskumara	JSA-23-C0344	3,612		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Balitsky	JSA-23-C0346	40,585		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Baturin	JSA-23-C0346	10,663		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Delayen	JSA-23-C0346	53,068		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Huang	JSA-23-C0346	40,765		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Radyushkin	JSA-23-C0346	55,615		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Ringer	JSA-23-C0346	29,707		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Rogers	JSA-23-C0346	33,586		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Schiavilla	JSA-23-C0346	47,546		*
(1)	Los Alamos National Laboratories	Topological Relation-Based Image	601957	81,587		*
(1)	National Renewable Energy Laboratory	EPIC Prize Round 2 Ariel Offshore Energy Innovation Program	230362	17,367		*
(1)	National Renewable Energy Laboratory	Evaluation of Flash Hydrolysis for High Protein Algal Biomass Deconstructor	XEJ-9-92352-01	21		*
Subtotal Pass-Through Programs				\$ 2,769,326		

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Total U.S. Department of Energy				\$ 4,589,463		
U.S. Department of the Interior						
Pass-Through Programs from:						
15.423	State University of New Jersey (All Campuses)	Bureau of Ocean Energy Management (BOEM) Environmental Studies Program (ESP)	1173 PO1200670	\$ 2,800		*
15.441	Texas A&M University	Safety and Environmental Enforcement Research and Data Collection for Offshore Energy and Mineral Activities	M2102651	3,286		*
15.945	National Park Service	Cooperative Research and Training Programs D Resources of the National Park System	P21AC11936-00	50,298	34,627	*
15.945	National Park Service	Cooperative Research and Training Programs D Resources of the National Park System	P21AC11936-01	30,087	4,604	*
15.945	Old Dominion University	Cooperative Research and Training Programs D Resources of the National Park System	P19AC01077	49,174	18,110	*
15.945	Old Dominion University	Cooperative Research and Training Programs D Resources of the National Park System	P19AC01077-05	43,470	31,616	*
15.945	Old Dominion University	Cooperative Research and Training Programs D Resources of the National Park System	P19AC01077-06	42,766	34,506	*
15.945	Old Dominion University	Cooperative Research and Training Programs D Resources of the National Park System	P19ACO1077-07	22,759	16,858	*
Subtotal Pass-Through Programs				\$ 244,640		
Total U.S. Department of the Interior				\$ 244,640		
U.S. Department of Justice						
Direct Programs:						
16.560	National Institute of Justice	National Institute of Justice Research, Evaluation, and Development Project	2018-75-CX-0002	\$ 91,043	22,734	*
Subtotal Direct Programs				\$ 91,043		
Total U.S. Department of Justice				\$ 91,043		
U.S. Department of State						
Pass-Through Programs from:						
19.900	American Council of International Education	AEECA/ESF PD Programs	220321	\$ 23,092		*
Subtotal Pass-Through Programs				\$ 23,092		
Total U.S. Department of State				\$ 23,092		
U.S. Department of Transportation						
Direct Programs:						
20.111	Federal Aviation Administration	Aircraft Pilots Workforce Development Grant Program	G-21-WD-AP-117	\$ 320,927	41,877	*
Subtotal Direct Programs				\$ 320,927		
Pass-Through Programs from:						
20.200	National Academy of Sciences (NAS)	Highway Research and Development Program	NCHRP-225	\$ 89,002	35,055	*
20.200	The National Academies	Highway Research and Development Program	HR23-16A	135,194	55,309	*
20.205	Va Department of Transportation	Highway Planning and Construction	VTRC 117202	16,924		*
(1)	Leidos	Carma Hardware in the Loop Stimulation	P010253430	14,109		*
(1)	The National Academies	NAS ACRP Grad Research Award Mod#2	A11-04	508,596	24,732	*
Subtotal Pass-Through Programs				\$ 763,825		
Total U.S. Department of Transportation				\$ 1,084,752		
U.S. Department of Education						
Direct Programs:						
84.215K	U.S. Department of Education	Fund for the Improvement of Education	S215K220129	\$ 721,861		*
84.324A	U.S. Department of Education	Research in Special Education	R324A160277	77,029		*
84.325D	U.S. Department of Education	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	H325D220005	154,004	96,304	*
84.325K	U.S. Department of Education	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	H325K150208	18,117		*
84.365Z	U.S. Department of Education	English Language Acquisition State Grants	T365Z210102	329,517		*
84.411C	U.S. Department of Education	Investing in Innovation (I3) Fund	U411C190032	552,233	146,523	*

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Subtotal Direct Programs				\$ 1,852,761		
Pass-Through Programs from:						
84.051F	Old Dominion University	Career and Technical Education -- National Programs	V051F190072	\$ 57,781		*
84.116S	Old Dominion University	Fund for the Improvement of Postsecondary Education	P116S210003	227,238		*
84.181	Va Department of Behavioral Health/Developmental Services	Special Education-Grants for Infants and Families	720-4388	11,810		*
84.181	Va Department of Behavioral Health/Developmental Services	Special Education-Grants for Infants and Families	720-4833	32,552		*
84.184F	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	876-APE60047-S184F180014-18	119,637		*
84.184H	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	00876-APE70057-S184H200009	254,236		*
84.184H	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	00879-APE60050-S184H200009	3,791		*
84.184H	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	876-45284-S184H220101	251,920		*
84.305A	University of Virginia	Education Research, Development and Dissemination	GM10189.PO #2262090	19,505		*
84.323A	Old Dominion University	Special Education - State Personnel Development	2017-876-60300-H323A170018	311,718		*
84.325H	East Carolina University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	AWD-20-0512-S008-A01	212,487		*
84.325K	Virginia Commonwealth University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	FP00005771_SA002	21,248		*
84.325P	Old Dominion University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	876-40288-H325P210003	44,537		*
84.326S	University of Oregon	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	282070A	449,280		*
84.335A	Old Dominion University	Child Care Access Means Parents in School	P335A190335	142,319		*
84.365Z	Old Dominion University	English Language Acquisition State Grants	T365Z160151	194,172		*
84.424	Old Dominion University	Student Support and Academic Enrichment Program	876-8650822-OSS	60,607		*
84.425	Old Dominion University	Education Stabilization Fund	876-FY22-ODU-ERI	1,345		*
84.425	Old Dominion University	Education Stabilization Fund	PIC-876-FY22	199,617		*
84.425	Old Dominion University	Education Stabilization Fund	S425U210008	12,960		*
84.425G	Hampton University	Education Stabilization Fund	HU-210001	421,103		*
(1)	Luminary Labs LLC	Middle Grades CTE Accelerator Program	230707	960		*
Subtotal Pass-Through Programs				\$ 3,050,823		
Total U.S. Department of Education				\$ 4,903,584		
Environmental Protection Agency						
Pass-Through Programs from:						
66.444	Old Dominion University	Lead Testing in School and Child Care Program Drinking Water (SDWA 1464(D)) (A)	VDH-21-103-0177	\$ 26,985		*
(1)	Old Dominion University	CBP Benthic Monitoring FY22	17091	21,564		*
(1)	Old Dominion University	CBP Data Analysis Support FY22	17091	342		*
(1)	Old Dominion University	CBP Data Management FY22	17091	7,759		*
(1)	Old Dominion University	CBP Phytoplankton FY22	17091	40,442		*
(1)	Old Dominion University	CBP Status and Trends FY22	17091	3,820		*
(1)	Old Dominion University	CBP WQM FY22	17091	64,363		*
(1)	Old Dominion University	CBP Benthic Monitoring FY23	17299	222,595		*
(1)	Old Dominion University	CBP Data Analysis Support FY23	17299	14,917		*
(1)	Old Dominion University	CBP Data Management FY23	17299	6,074		*
(1)	Old Dominion University	CBP Phytoplankton FY23	17299	162,328		*
(1)	Old Dominion University	CBP Status and Trends FY23	17299	102,788		*
(1)	Old Dominion University	CBP WQM FY23	17299	603,068		*
Subtotal Pass-Through Programs				\$ 1,277,045		
Total Environmental Protection Agency				\$ 1,277,045		
U.S. Department of Health and Human Services						
Direct Programs:						
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	5U01ES030674-02	\$ 82,390		*
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	5U01ES030674-03	365,701		*
93.124	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Anesthetist Traineeships	6 A22HP30949-06-01	16,274		*

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93.213	U.S. Public Health Service (Including NIH)	Research and Training in Complementary and Integrative Health	5R34AT011038-02	111,608	40,963	*
93.213	U.S. Public Health Service (Including NIH)	Research and Training in Complementary and Integrative Health	5R34AT011038-03	120,130	13,425	*
93.242	U.S. Public Health Service (Including NIH)	Mental Health Research Grants	1F31MH120982-01A1	(4)		*
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services_Projcts of Regional and National Significance	5H79SM080472-03	(10)		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	1F31AA029945-01A1	29,049		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	5K01AA023849-05	48,862		*
93.279	U.S. Public Health Service (Including NIH)	Drug Abuse and Addiction Research Programs	5R01DA039904-05	16,644		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-04S1	35,373	(36)	*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB020683-03	83,214	1,137	*
93.307	U.S. Public Health Service (Including NIH)	Minority Health and Health Disparities Research	1R01MD012598-01A1	153,028		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	1 UK1HP46060-01-00	656,320		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	5 U2VHP33063-03-00	106,857		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	5 UD7HP37636-02-00	21,845		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	5 UD7HP37636-03-00	478,082		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	1 M01HP42511-01-00	266,386		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	5 M01HP31324004-00	47,687		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	5 M01HP42511-02-00	230,325		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	T97HP33393-01-02	85,850		*
93.837	U.S. Public Health Service (Including NIH)	Cardiovascular Diseases Research	1K01HL159348-01A1	112,774		*
93.855	U.S. Department of Health and Human Services	Allergy, Immunology and Transplantation Research	R01A1136035	333,735	247,725	*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology and Transplantation Research	1R15A1156650-01A1	14,522		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology and Transplantation Research	5R03A1149169-02	46,096		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology and Transplantation Research	5R03A1159280-02	38,647		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM131330-01	37,979		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R21GM141780-01A1	17,237		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1T32GM140911-01	255		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1T34GM149816-01	21,929		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	2R15GM116082-02	192,132		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5R01GM062968-15	288,736		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T32GM140911-02	216,620		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T32GM140911-03	54,439		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-04	4,980		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-05	331,908		*
93.867	U.S. Public Health Service (Including NIH)	Vision Research	1R21EY034258-01	256,940		*
Subtotal Direct Programs				\$ 4,924,540		
Pass-Through Programs from:						
93.084	University of Florida	Prevention of Disease, Disability, and Death by Infectious Disease:	SUB00003263	\$ 38,432		*
93.143	Johns-Hopkins University	NIEHS Superfund Hazardous Substances_Basic Research and Education	2005223067	7,000		*
93.242	State University of New Jersey (All Campuses)	Mental Health Research Grants	1907	144,447	2,605	*
93.242	State University of New Jersey (All Campuses)	Mental Health Research Grants	2036	68,275		*
93.243	Louisiana State University	Substance Abuse and Mental Health Services_Projcts of Regional and National Significance	PO-0000181067	27,061		*
93.262	Johns-Hopkins University	Occupational Safety and Health Program	2005091254	1,926		*
93.262	Johns-Hopkins University	Occupational Safety and Health Program	2005091525	2,122		*
93.286	University of South Florida	Discovery and Applied Research for Technological Innovations to Improve Human Health	6100-1000-00-A	115,557		*
93.307	Medical Cyberworlds, Inc.	Minority Health and Health Disparities Research	ODU MCI 001	40,239		*

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93.323	Old Dominion University	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC	VDH-23-102-0269	6,263		*
93.354	Old Dominion University	Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	876-DOE86831-NU90TP922153	20,909		*
93.394	Memorial Sloan Kettering Cancer Center	Cancer Detection and Diagnosis Research	SKICR-ODU-2022	88,570		*
93.837	Louisiana State University	Cardiovascular Diseases Research	PO-0000185509	43,398		*
93.837	Norfolk State University	Cardiovascular Diseases Research	F1040109	27,783		*
93.838	Kevirx, Inc.	Lung Diseases Research	R43HL158409-01A1-001	30,437		*
93.855	University of California (All Campuses)	Allergy, Immunology and Transplantation Research	2020-1258	63,816		*
93.859	College of William and Mary	Biomedical Research and Research Training	743311-712687	5,960		*
93.859	Michigan State University	Biomedical Research and Research Training	RC111172A	95,318		*
93.865	Nasoni	Child Health and Human Development Extramural Research	ODU NASONI 01	36,589		*
93.867	Stony Brook University	Vision Research	87527/1159967	64,294		*
	Subtotal Pass-Through Programs			\$ 928,396		
	Total U.S. Department of Health and Human Services			\$ 5,852,936		
	U.S. Department of Housing and Urban Development					
	Direct Programs:					
14.506	U.S. Department of Housing and Urban Development	General Research and Technology Activity	RP-20-VA-001	\$ 63,773		*
	Subtotal Direct Programs			\$ 63,773		
	Total U.S. Department of Housing and Urban Development			\$ 63,773		
	Library of Congress					
	Pass-Through Programs from:					
(1)	Waynesburg University	Stories Untold: School Desegregation in the Context of U.S. History	200387	\$ 6,618	1,633	*
(1)	Waynesburg University	Investigating Teacher Knowledge Growth in the Community of Practice	200570	740		*
	Subtotal Pass-Through Programs			\$ 7,358		
	Total Library of Congress			\$ 7,358		
	National Aeronautics and Space Administration					
	Direct Programs:					
43.001	Langley Research Center	Science	80NSSC22M0294	\$ 47,032		*
43.001	Langley Research Center	Science	NNX15AW39G S11	3,620		*
43.001	NASA Goddard Spaceflight Center	Science	80NSSC22K1407	311,285	90,060	*
43.001	NASA/Headquarters	Science	80NSSC17K0564	(144)	(144)	*
43.001	NASA/Headquarters	Science	80NSSC19K0417	57,131		*
43.001	NASA/Headquarters	Science	80NSSC20K0482	147,697		*
43.001	NASA/Headquarters	Science	80NSSC21K0412	89,895		*
43.001	NASA/Headquarters	Science	80NSSC21K0924	73,030		*
43.001	NASA/Headquarters	Science	80NSSC21K1152	137,434		*
43.001	NASA/Headquarters	Science	80NSSC21K1194	123,571		*
43.001	NASA/Headquarters	Science	80NSSC21K1372	60,777		*
43.001	NASA/Headquarters	Science	80NSSC21K1463	174,101		*
43.003	Langley Research Center	Exploration	80NSSC20M0090	168,885		*
43.008	Langley Research Center	Education	80NSSC20M0056	10,574		*
43.008	Langley Research Center	Education	220312	3,581		*
43.008	Langley Research Center	Education	220464	7,157		*
43.008	Langley Research Center	Education	230365	3,419		*
43.008	Langley Research Center	Education	230366	4,526		*
43.008	Langley Research Center	Education	230429	2,583		*
43.008	Langley Research Center	Education	80NSSC20K1086	92,623		*
43.008	Langley Research Center	Education	80NSSC20M0056	860,595	23,325	*
43.008	NASA/Headquarters	Education	80NSSC22M0308	313,284		*
	Subtotal Direct Programs			\$ 2,692,656		
	Pass-Through Programs from:					
43.001	Space Science Institute (SSI)	Science	SUBCON 01069	\$ 3,391		*
43.008	National Institute of Aerospace Associates (NIA)	Education	201183-ODURF	85,504		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202041-ODURF	8,076		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202050-ODURF	40,830		*

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43.008	National Institute of Aerospace Associates (NIA)	Education	202069-ODURF	69,864		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202075-ODURF	149,644		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202076-ODURF	32,429		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202102-ODURF	74,489		*
(1)	National Institute of Aerospace Associates (NIA)	Design of Experiments	T13-6500-ODU-602032	27,281		*
(1)	National Institute of Aerospace Associates (NIA)	Director of Graduate Programs, National Institute of Aerospace	X20-0810-ODU	26,453		*
(1)	National Institute of Aerospace Associates (NIA)	Director of Graduate Programs, National Institute of Aerospace	X22-0810-ODU	41,377		*
(1)	National Institute of Aerospace Associates (NIA)	TD- FAST (Time Domain Fast Acoustic Scattering Toolkit) Extension Application	T13-6500-ODU-602028	45,721		*
(1)	Virginia State University	Donor Materials Welding Blisks	R000058	29,504		*
	Subtotal Pass-Through Programs			\$ 634,563		
	Total National Aeronautics and Space Administration			\$ 3,327,219		
	National Endowment for the Humanities					
	Direct Programs:					
45.160	National Endowment for the Humanities	Promotion of the Humanities Fellowships and Stipends	FEL-281677-22	\$ 80,220		*
45.163	National Endowment for the Humanities	Promotion of the Humanities Professional Development	BH-267105-19	6,965	548	*
45.312	Institute of Museum and Library Services	National Leadership Grants	LG-246292-OLS-20	49,133	25,302	*
45.313	Institute of Museum and Library Services	Laura Bush 21St Century Librarian Program	RE-250045-OLS-21	30,374		*
45.313	Institute of Museum and Library Services	Laura Bush 21St Century Librarian Program	RE-250048-OLS-21	36,278		*
45.313	Institute of Museum and Library Services	Laura Bush 21St Century Librarian Program	RE-252368-OLS-22	78,877		*
	Subtotal Direct Programs			\$ 281,847		
	Pass-Through Programs from:					
45.312	Drexel University	National Leadership Grants	950054	\$ 20,079		*
45.312	Va Polytechnic Institute and State University	National Leadership Grants	451593-19076	(3,681)		*
	Subtotal Pass-Through Programs			\$ 16,398		
	Total National Endowment for the Humanities			\$ 298,245		
	National Science Foundation					
	Direct Programs:					
47.041	National Science Foundation	Engineering	1825338	\$ 29,977		*
47.041	National Science Foundation	Engineering	1921363	37,558		*
47.041	National Science Foundation	Engineering	1921364	164,757		*
47.041	National Science Foundation	Engineering	1936005	47,932		*
47.041	National Science Foundation	Engineering	1951745	289,355	66,389	*
47.041	National Science Foundation	Engineering	1953411	61,131		*
47.041	National Science Foundation	Engineering	2001625	122		*
47.041	National Science Foundation	Engineering	2310106	51,374		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1632749	12,689		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1659476	7,943		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1800141	2,927		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1808609	21,355		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1847771	118,043		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1909268	12,761		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1912958	8,172		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1939203	100,489		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1950141	86,187		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2003853	92,921		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2007157	39,169		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2011734	105,580		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2012235	53,422		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2150385	97,794		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2154538	4,035		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2154893	83,336		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2208386	18,670		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2213353	62,067		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2213366	95,774		*
47.050	National Science Foundation	Geosciences	1658318	2,249		*
47.050	National Science Foundation	Geosciences	1737342	13,318		*

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47.050	National Science Foundation	Geosciences	1745011	6,259		*
47.050	National Science Foundation	Geosciences	1745214	26,194		*
47.050	National Science Foundation	Geosciences	1756590	35,594		*
47.050	National Science Foundation	Geosciences	1756669	73,036		*
47.050	National Science Foundation	Geosciences	1803933	69,132		*
47.050	National Science Foundation	Geosciences	1829833	31,512		*
47.050	National Science Foundation	Geosciences	1850925	39,511		*
47.050	National Science Foundation	Geosciences	1851368	51,891		*
47.050	National Science Foundation	Geosciences	2023178	66,542		*
47.050	National Science Foundation	Geosciences	2023315	466,861	63,010	*
47.050	National Science Foundation	Geosciences	2033988	1,541		*
47.050	National Science Foundation	Geosciences	2049564	156,861		*
47.050	National Science Foundation	Geosciences	2123623	118,084		*
47.050	National Science Foundation	Geosciences	2128438	154,106		*
47.050	National Science Foundation	Geosciences	2143007	83,370		*
47.050	National Science Foundation	Geosciences	2148166	70,070		*
47.050	National Science Foundation	Geosciences	2148812	195,659		*
47.050	National Science Foundation	Geosciences	2234815	33,946		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1829771	101,675		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1950704	148,631		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2007386	10,338		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2045523	101,254		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2120279	59,779		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2125395	82,661		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2131001	1,922		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2133336	406,898		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2149607	103,681		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2153358	8,278		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2219742	9,881		*
47.074	National Science Foundation	Biological Sciences	1455900	83,134		*
47.074	National Science Foundation	Biological Sciences	1557669	8,582		*
47.074	National Science Foundation	Biological Sciences	1802342	11,326	5,746	*
47.074	National Science Foundation	Biological Sciences	1941853	66,359		*
47.075	National Science Foundation	Social, Behavioral, and Economic Sciences	1949760	151,608		*
47.075	National Science Foundation	Social, Behavioral, and Economic Sciences	2240255	13,464		*
47.076	National Science Foundation	Education and Human Resources	1712251	31,193		*
47.076	National Science Foundation	Education and Human Resources	1742118	207,005		*
47.076	National Science Foundation	Education and Human Resources	1742309	224,688		*
47.076	National Science Foundation	Education and Human Resources	1821658	66,506		*
47.076	National Science Foundation	Education and Human Resources	1833896	181,072		*
47.076	National Science Foundation	Education and Human Resources	1908743	547,361		*
47.076	National Science Foundation	Education and Human Resources	1914613	59,506	24,186	*
47.076	National Science Foundation	Education and Human Resources	1949952	69,825		*
47.076	National Science Foundation	Education and Human Resources	2000715	161,371	74,925	*
47.076	National Science Foundation	Education and Human Resources	2012941	200		*
47.076	National Science Foundation	Education and Human Resources	2042882	656,795		*
47.076	National Science Foundation	Education and Human Resources	2120820	77,118	93,070	*
47.076	National Science Foundation	Education and Human Resources	2139907	73,367		*
47.076	National Science Foundation	Education and Human Resources	2142348	70,772		*
47.076	National Science Foundation	Education and Human Resources	2150720	33,920		*
47.076	National Science Foundation	Education and Human Resources	NSF DUE-1601614	100,224	20,433	*
47.079	National Science Foundation	Office of International Science and Engineering	1743711	1,273,755	308,361	*
47.079	National Science Foundation	Office of International Science and Engineering	1952521	43,195		*
47.083	National Science Foundation	Integrative Activities	2033827	(66)		*
47.083	National Science Foundation	Integrative Activities	2214998	10,877		*
47.084	National Science Foundation	NSF Technology, Innovation and Partnerships	2300064	29,652	6,543	*
(1)	National Science Foundation	IPA Assign Wu He	1851410	34,050		*
(1)	National Science Foundation	IPA Assign Chunsheng Xin	2241691	186,320		*
Subtotal Direct Programs				\$ 8,909,453		

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Pass-Through Programs from:						
47.049	Elizabeth City State University	Mathematical and Physical Sciences	20-0027-001	\$ 26,941		*
47.049	Temple University	Mathematical and Physical Sciences	260765-ODU	13,074		*
47.050	Cornell University	Geosciences	138228-20972	41,439		*
47.050	University of Rhode Island	Geosciences	0007471/011122	2,672		*
47.050	University of Virginia	Geosciences	GA11609.169682	3,403		*
47.070	Bowie State University	Computer and Information Science and Engineering	ODU-000-090122-083124	30,435		*
47.070	Pennsylvania State University	Computer and Information Science and Engineering	5922-ODU-NSF-3288	2,615		*
47.070	Stony Brook University	Computer and Information Science and Engineering	90271/1166029	34,011		*
47.070	Stony Brook University	Computer and Information Science and Engineering	90340/2/116178	7,571		*
47.074	Columbia University	Biological Sciences	4(GG014070)	27,030		*
47.076	Council of Graduate Schools	Education and Human Resources	220355	5,890		*
47.076	Delaware Technical and Community College	Education and Human Resources	2000696-02	19,113		*
47.076	George Mason University	Education and Human Resources	E2056241	15,790		*
47.076	Norfolk State University	Education and Human Resources	F1040086	7,232		*
47.076	Oklahoma State University	Education and Human Resources	577850-ODU-1	3,468		*
47.076	Smithsonian Institution	Education and Human Resources	T21C010122	27,099		*
47.076	University of Virginia	Education and Human Resources	AWD-000135.GR100589	14,106		*
47.076	Western Washington University	Education and Human Resources	51202-ODUX-00	28,120		*
47.076	Western Washington University	Education and Human Resources	51213-ODUX-00	25,427		*
47.079	University of Kansas	Education and Human Resources	FY2022-013	3,656		*
Subtotal Pass-Through Programs				\$ 339,092		
Total National Science Foundation				\$ 9,248,545		
Small Business Administration						
Direct Programs:						
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ20C0087	\$ 1,956		*
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ20W0049	57,367		*
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAOEDWB220127	128,455		*
59.044	Small Business Administration	Veterans Outreach Program	SBAOVVB200014	322,470		*
59.044	Small Business Administration	Veterans Outreach Program	SBAOVVB200014-02-00	(3,181)		*
59.044	Small Business Administration	Veterans Outreach Program	SBAOVVB230039-01-00	58,144		*
Subtotal Direct Programs				\$ 565,211		
Total Small Business Administration				\$ 565,211		
U.S. Agency for Global Media						
Pass-Through Programs from:						
90.500	Open Technology Fund	International Broadcasting Independent Grantee Organizations	B00226-1195-00	\$ 157,340	101,309	*
Subtotal Pass-Through Programs				\$ 157,340		
Total U.S. Agency for Global Media				\$ 157,340		
U.S. Agency for International Development						
Pass-Through Programs from:						
98.001	CONRAD	USAID Foreign Assistance for Programs Overseas	MXS-22-001	\$ 154,704		*
98.001	CONRAD	USAID Foreign Assistance for Programs Overseas	NXC-20-012	15,051		*
98.001	Eastern Virginia Medical School	USAID Foreign Assistance for Programs Overseas	ENS-20-001	142,008		*
Subtotal Pass-Through Programs				\$ 311,763		
Total U.S. Agency for International Development				\$ 311,763		
U.S. Department of Agriculture						
Direct Programs:						
10.025	U.S. Department of Agriculture	Plant and Animal Disease, Pest Control, and Animal Care	AP20VSCEAH00C043	\$ 848		*
10.025	U.S. Department of Agriculture	Plant and Animal Disease, Pest Control, and Animal Care	AP22VSSP0000C033	46,370		*
10.250	U.S. Department of Agriculture	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	58-4000-1-0086	35,256		*
10.253	U.S. Department of Agriculture	Consumer Data and Nutrition Research	58-4000-8-0038-R	11,210		*
Subtotal Direct Programs				\$ 93,684		

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Pass-Through Programs from:						
10.170	Va Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	FFY 2018-584 301-19-032	\$ 612		*
10.310	Montana State University Northern	Agriculture and Food Research Initiative (AFRI)	726177-ODU-USDA	87,369		*
10.557	Tufts University	Special Supplemental Nutrition Program for Women, Infants, and Children	103097-00001	31,465		*
	Subtotal Pass-Through Programs			\$ 119,446		
	Total U.S. Department of Agriculture			\$ 213,130		
Total Research and Development Cluster				\$ 41,348,577		
Special Education Cluster (IDEA)						
U.S. Department of Education						
Pass-Through Programs from:						
84.027A	George Mason University	Special Education_Grants to States	E2057812	\$ 15,887		*
84.027A	George Mason University	Special Education_Grants to States	E2057881	43,193		*
84.027A	George Mason University	Special Education_Grants to States	E2061511	20,589		*
84.027A	George Mason University	Special Education_Grants to States	E2061892	12,614		*
84.027A	Old Dominion University	Special Education_Grants to States	00876-DOE86625-H027A210107	24,007		*
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A200107	121,337		*
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A210107	1,182,949		*
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A220107	242,186		*
84.027A	Old Dominion University	Special Education_Grants to States	876-APE62555-H027A210107	42,466		*
84.027A	Old Dominion University	Special Education_Grants to States	876-APE62555-H027A220107	45,081		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE86625-H027A200107	37,415		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE86625-H027A220107	11,282		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE87026-H027A210107	35,040		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE87052-H027A200107	8,373		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE88105-H027A200107	60,464		*
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE88105-H027A210107	28,758		*
84.027A	Virginia Commonwealth University	Special Education_Grants to States	FP00015399 SA001	17,005		*
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A200112	6,580		*
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A210112	276,876		*
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A220112	258,015		*
	Subtotal Pass-Through Programs			\$ 2,490,117		
	Total U.S. Department of Education			\$ 2,490,117		
Total Special Education Cluster (IDEA)				\$ 2,490,117		
TRIO Cluster						
U.S. Department of Education						
Pass-Through Programs from:						
84.042A	Old Dominion University	TRIO_Student Support Services	P042A200257	\$ 1,001		
84.042A	Old Dominion University	TRIO_Student Support Services	P042A200257-21	87,114		
84.042A	Old Dominion University	TRIO_Student Support Services	P042A200257-22	274,804		
84.047A	Old Dominion University	TRIO_Upward Bound	P047A171195	92,900		
84.047A	Old Dominion University	TRIO_Upward Bound	P047A221070	198,158		
84.217A	Old Dominion University	TRIO_Menair Post-Baccalaureate Achievement	P217A220090	147,278		
	Subtotal Pass-Through Programs			\$ 801,255		
	Total U.S. Department of Education			\$ 801,255		
Total TRIO Cluster				\$ 801,255		
Highway Safety Cluster						
U.S. Department of Transportation						
Pass-Through Programs from:						
20.600	Old Dominion University	State and Community Highway Safety	BPT-2023-53358-23358	\$ 1,402		
20.600	Old Dominion University	State and Community Highway Safety	FSC-2022-52386-22386	1,664		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2023

Federal Assistance Listing Number	Agency/Pass-Through Grantor	Program Title	Pass-Through Entity Identifying Number	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
20.600	Va Department of Motor Vehicles	State and Community Highway Safety	BOP-2023-53321-23321	64,407		
20.600	Va Department of Motor Vehicles	State and Community Highway Safety	FOP-2022-52335-22335	53,337		
20.616	Va Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2022-52342-22342	75,571		
20.616	Va Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2023-53326-23326	82,545		
	Subtotal Pass-Through Programs			\$ 278,926		
	Total U.S. Department of Transportation			\$ 278,926		
Total Highway Safety Cluster				\$ 278,926		
Non-Cluster Programs						
U.S. Department of the Treasury						
Pass-Through Programs from:						
21.027	Virginia Department of Criminal Justice	Coronavirus State and Local Fiscal Recovery Funds	496365	\$ 68,743		
	Subtotal Pass-Through Programs			\$ 68,743		
	Total U.S. Department of the Treasury			\$ 68,743		
U.S. Department of Health and Human Services						
Pass-Through Programs from:						
93.110	Old Dominion University	Maternal and Child Health Federal Consolidated Programs	705AU93827-A	\$ 37,402		
	Subtotal Pass-Through Programs			\$ 37,402		
	Total U.S. Department of Health and Human Services			\$ 37,402		
Total Non-Cluster Programs				\$ 106,145		
Total Expenditures of Federal Awards				\$ 45,025,020	\$ 2,231,493	

Notes to the Schedule of Expenditures of Federal Awards

(1) Federal Assistance Listing Number not available

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of the Foundation and is presented on the cash basis of accounting. The information in the Schedule is presented in accordance with the requirements of 2 CFR Part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Subpart F. Therefore, some amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

In addition, expenditures are recognized following the cost principles contained in 2 CFR 220 wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years.

The Foundation elected not to use the 10% de minimis indirect cost rate as allowed under the Uniform Guidance.

For purposes of this Schedule, "Nondisclosed Sponsor" refers to award agreements with confidentiality restrictions as to disclosure in published reports.



**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER
MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Board of Trustees
Old Dominion University Research Foundation

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 financial statements of Old Dominion University Research Foundation (the Foundation), which comprise the statement of financial position as of June 30, 2023, the related statements of activities, functional expenses, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated October 4, 2023.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Foundation'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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Foundation's internal control. Accordingly, we do not express an opinion on the effectiveness of the Foundation'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 Foundation 's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

PBMares, LLP

Newport News, Virginia
October 4, 2023



**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE
REQUIRED BY THE UNIFORM GUIDANCE**

To the Board of Trustees
Old Dominion University Research Foundation

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Old Dominion University Research Foundation's (the Foundation) 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 Foundation's major federal programs for the year ended June 30, 2023. The Foundation'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 Foundation complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal program 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 (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 Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the Foundation 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 the major federal programs. Our audit does not provide a legal determination of the Foundation'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 Foundation's federal programs.

Auditor's 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 Foundation '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 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 Foundation 's compliance with the requirements of the major federal programs as a whole.

In performing an audit in accordance with 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 Foundation '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 Foundation '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 Foundation '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.

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 requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditor's 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 may exist that were not identified.

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.

Purpose of this Report

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.

PBMares, LLP

Newport News, Virginia
October 4, 2023

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2023

SECTION I. SUMMARY OF AUDITOR’S RESULTS

Financial Statements

Type of report the auditor issued on whether the financial statements audited were prepared in accordance with GAAP: *Unmodified*

Internal control over financial reporting:

Material weakness(es) identified?	_____ Yes	___X___ No
Significant deficiency(ies) identified?	_____ Yes	___X___ None Reported
Noncompliance material to financial statements noted?	_____ Yes	___X___ No

Federal Awards

Internal control over major programs:

Material weakness(es) identified?	_____ Yes	___X___ No
Significant deficiency(ies) identified?	_____ Yes	___X___ None Reported

Type of auditor’s report issued on compliance for major federal programs: *Unmodified*

Any audit findings disclosed that are required to be reported in accordance with section 2 CFR 200.516(a)? _____ Yes ___X___ No

Identification of major programs:

Name of Federal Program or Cluster

Research and Development Cluster

Special Education Cluster (IDEA)

Dollar threshold used to distinguish between type A and type B programs: \$ 1,350,751

Auditee qualified as low-risk auditee? ___X___ Yes _____ No

SECTION II. FINANCIAL STATEMENT FINDINGS

NONE

SECTION III. FINDINGS AND QUESTIONED COSTS FOR FEDERAL AWARDS

NONE

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Summary Schedule of Prior Audit Findings
For the Year Ended June 30, 2023

NONE