



**OLD DOMINION UNIVERSITY RESEARCH
FOUNDATION**

FINANCIAL REPORT

JUNE 30, 2021 AND 2020



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 Financial Statements

We have audited the accompanying financial statements of Old Dominion University Research Foundation (the "Foundation"), a nonprofit organization and component unit of Old Dominion University, which comprise the statements of financial position as of June 30, 2021 and 2020, and the related statements of activities, functional expenses, and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Foundation's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Foundation's internal control. Accordingly, we express no such opinion.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Old Dominion University Research Foundation as of June 30, 2021 and 2020, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplemental information is presented for purposes of additional analysis and is not a required part of the financial statements. The accompanying 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*, is presented for purposes of additional analysis and is 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 September 30, 2021, on our consideration of Old Dominion University Research Foundation's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is 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 Old Dominion University Research Foundation's internal control over financial reporting and compliance.

PBMares, LLP

Norfolk, Virginia

September 30, 2021, except for Note 17 and the Schedule of Expenditures of Federal Awards, as to which the date is October 29, 2021

FINANCIAL STATEMENTS

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 8,508,573	\$ 6,748,980
Accounts receivable:		
Grants and contracts, net	13,194,753	12,300,655
Other research related	143,676	438,771
Other	479,429	243,995
Travel advances	37,392	17,350
Prepaid expenses	734,435	347,027
Investments	<u>3,794,381</u>	<u>3,785,646</u>
 Total current assets	 <u>26,892,639</u>	 <u>23,882,424</u>
PROPERTY AND EQUIPMENT		
Land	54,802	54,802
Buildings and improvements	904,310	904,310
Office furniture	301,876	325,001
Office equipment	173,489	173,489
Research equipment	18,683,278	18,202,026
Computer equipment	3,209,126	3,142,807
Equipment in process	<u>177,585</u>	<u>98,591</u>
	23,504,466	22,901,026
Less - accumulated depreciation	<u>(20,899,647)</u>	<u>(19,999,824)</u>
 Total property and equipment	 <u>2,604,819</u>	 <u>2,901,202</u>
OTHER ASSETS - investments	<u>5,673,226</u>	<u>5,280,364</u>
 Total assets	 <u>\$ 35,170,684</u>	 <u>\$ 32,063,990</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable	\$ 4,186,544	\$ 3,899,746
Accrued expenses	2,623,956	2,455,758
Deferred revenue	<u>7,035,390</u>	<u>5,865,463</u>
Total current liabilities	<u>13,845,890</u>	<u>12,220,967</u>
NET ASSETS		
Without donor restrictions:		
Old Dominion University funds	17,099,574	16,226,503
Plant funds	2,604,819	2,901,202
Undesignated General and Designated Foundation Reserve	<u>1,620,401</u>	<u>715,318</u>
Total net assets	<u>21,324,794</u>	<u>19,843,023</u>
Total liabilities and net assets	<u>\$ 35,170,684</u>	<u>\$ 32,063,990</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Activities

For the Years Ended June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
PUBLIC SUPPORT AND REVENUES		
Sponsored research	\$ 41,537,316	\$ 39,970,158
Indirect cost revenue	8,349,108	8,531,048
Other research related revenue	1,537,101	1,443,094
Value of contributed services	901,569	512,094
Interest and investment income	506,340	452,648
Memberships	2,250	14,750
Other	<u>18,400</u>	<u>48,669</u>
Total public support and revenues	<u>52,852,084</u>	<u>50,972,461</u>
EXPENSES		
Program services:		
Sponsored research	39,815,012	38,375,727
Other research related expenses	<u>6,238,128</u>	<u>6,900,140</u>
	46,053,140	45,275,867
Management and general	<u>5,317,173</u>	<u>5,529,845</u>
Total expenses	<u>51,370,313</u>	<u>50,805,712</u>
CHANGE IN NET ASSETS	1,481,771	166,749
NET ASSETS, BEGINNING OF YEAR	<u>19,843,023</u>	<u>19,676,274</u>
NET ASSETS, END OF YEAR	<u>\$ 21,324,794</u>	<u>\$ 19,843,023</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Functional Expenses
For the Years Ended June 30, 2021 and 2020

	2021			2020		
	Program Services	Management and General	Total	Program Services	Management and General	Total
Salaries and wages	\$ 23,503,455	\$ 2,323,191	\$ 25,826,646	\$ 22,435,139	\$ 2,351,658	\$ 24,786,797
Fringe benefits	6,691,943	1,072,048	7,763,991	6,090,362	1,074,897	7,165,259
Subcontracts	4,275,699	-	4,275,699	4,114,109	-	4,114,109
Contractual services	3,366,021	509,727	3,875,748	2,568,751	346,561	2,915,312
Participant support costs	2,546,298	-	2,546,298	2,770,177	-	2,770,177
General research related expenses	1,986,343	18,210	2,004,553	2,221,388	8,873	2,230,261
Tuition	1,914,859	-	1,914,859	1,865,573	-	1,865,573
Supplies	1,771,417	33,473	1,804,890	1,970,813	28,297	1,999,110
Depreciation	-	1,045,743	1,045,743	-	1,110,678	1,110,678
Rent	75,220	190,571	265,791	72,328	131,635	203,963
Travel	174,749	1,181	175,930	1,435,603	16,563	1,452,166
Insurance and bonds	-	134,799	134,799	-	129,701	129,701
Repairs and maintenance	-	88,129	88,129	-	121,508	121,508
Bank service charges	-	28,049	28,049	-	27,576	27,576
Utilities	-	10,652	10,652	-	11,122	11,122
Telephone	-	10,533	10,533	-	10,950	10,950
Postage	-	4,574	4,574	-	6,041	6,041
Publications	-	4,019	4,019	-	4,438	4,438
Memberships	-	3,208	3,208	-	2,712	2,712
Printing and copying	-	728	728	-	1,665	1,665
Meetings and entertainment	-	637	637	-	6,502	6,502
(Gain)/loss on disposal of fixed assets	-	-	-	-	58,839	58,839
Bad debts (recoveries)	-	(162,299)	(162,299)	-	79,629	79,629
Transfers to projects	(252,864)	-	(252,864)	(268,376)	-	(268,376)
	<u>\$ 46,053,140</u>	<u>\$ 5,317,173</u>	<u>\$ 51,370,313</u>	<u>\$ 45,275,867</u>	<u>\$ 5,529,845</u>	<u>\$ 50,805,712</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Cash Flows

For the Years Ended June 30, 2021 and 2020

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in net assets	\$ 1,481,771	\$ 166,749
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities:		
Depreciation	1,045,743	1,110,678
(Gain)/loss on disposal of fixed assets	-	58,839
Realized and unrealized gains on investments	(352,007)	(228,768)
Investment earnings reinvested	(93,067)	-
Bad debts (recoveries)	(162,299)	121,508
Changes in assets and liabilities:		
Grants and contracts receivable	(731,799)	(153,922)
Other research related receivables	295,095	(219,769)
Other receivables	(235,434)	73,311
Travel advances	(20,042)	139,585
Prepaid expenses	(387,408)	96,671
Accounts payable	286,798	(304,267)
Accrued expenses	168,198	445,487
Due to affiliate	-	(1,730,074)
Deferred revenue	1,169,927	1,388,185
Net cash provided by operating activities	2,465,476	964,213
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of property and equipment	(749,362)	(798,924)
Purchases of investments	(1,129,876)	(173,232)
Proceeds from sale of investments	1,173,355	175
Net cash used in investing activities	(705,883)	(971,981)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	1,759,593	(7,768)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	6,748,980	6,756,748
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 8,508,573	\$ 6,748,980

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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

New Accounting Pronouncements

ASU 2014-09, *Revenue from Contracts with Customers (Topic 606)*, was issued by the FASB in May 2014 and is intended to improve the financial reporting requirements for revenue from contracts with customers. The ASU establishes a five-step model and application guidance for determining the timing and amount of revenue recognition. The related application guidance in the ASU replaces most existing revenue recognition guidance in GAAP. The ASU became effective for the Foundation for the year ended June 30, 2021. The Foundation's adoption of the ASU using the modified retrospective method did not materially change the timing or amount of revenue recognized by the Foundation. The ASU requires that an entity recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration that the entity expects to be entitled to in exchange for those goods or services. Additional disclosure is required to enable users of the financial statements to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers.

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*. Pursuant to ASU 2016-02, lessees will be required to recognize the following for all leases (with the exception of short-term leases) at the commencement date: A lease liability, which is a lessee's obligation to make lease payments arising from a lease, measured on a discounted basis; and a right-of-use asset, which is an asset that represents the lessee's right to use, or control the use of, a specified asset for the lease term. This ASU requires a modified retrospective transition approach, which includes a number of optional practical expedients, described in ASU 2016-02, which may be applied. The ASU is effective for fiscal years beginning after December 15, 2021. The impact of the new standard has not been determined; however, it is expected that there will be an increase in the Foundation's assets and liabilities.

In September 2020, the FASB issued ASU 2020-07, *Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets*. Not-for-profits will be required to provide additional information on the contributions of nonfinancial assets they receive under a new accounting standard issued. Contributed nonfinancial assets can include fixed assets such as land, buildings, and equipment; the use of fixed assets or utilities; materials and supplies, such as food, clothing, or pharmaceuticals; intangible assets; and recognized contributed services. The new ASU requires a not-for-profit to present contributed nonfinancial assets as a separate line item in the statement of activities, apart from contributions of cash or other financial assets. The standard also requires a not-for-profit to disclose contributed nonfinancial assets recognized within the statement of activities, disaggregated by category that depicts the type of nonfinancial assets.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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

For each category of contributed nonfinancial assets recognized, the standard requires a not-for-profit to disclose qualitative information about whether the contributed nonfinancial assets were either monetized or utilized during the reporting period. If they were utilized, a description of the programs or other activities in which those assets were used is required. The not-for-profit's policy (if any) about monetizing rather than utilizing contributed nonfinancial assets must also be disclosed as well as a description of any donor-imposed restrictions associated with the contributed nonfinancial assets. FASB is requiring the standard to be applied retrospectively. The amendments take effect for annual reporting periods beginning after June 15, 2021, and interim periods within annual reporting periods beginning after June 15, 2022. Early adoption is permitted. The Foundation is currently evaluating the full effect that the adoption of this standard will have on the financial statements.

NOTE 2. ACCOUNTS RECEIVABLE

Accounts receivable for grants and contracts consists of the following:

	<u>2021</u>	<u>2020</u>
Accounts receivable	\$ 13,316,853	\$ 12,482,655
Less reserve for uncollectible receivables	<u>(122,100)</u>	<u>(182,000)</u>
	<u>\$ 13,194,753</u>	<u>\$ 12,300,655</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>2021</u>	<u>2020</u>
Cash and cash equivalents	\$ 8,508,573	\$ 6,748,980
Less: deferred revenue	(7,035,390)	(5,865,463)
Accounts receivable	13,817,858	12,983,421
Operating investments	<u>9,467,607</u>	<u>9,066,010</u>
	<u>\$ 24,758,648</u>	<u>\$ 22,932,948</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, 2021 and 2020

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.

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, 2021 and 2020.

<u>Description</u>	<u>Fair Value at 06/30/21</u>	<u>Quoted Prices in Active Markets for Identical Assets Level 1</u>	<u>Significant Other Observable Inputs Level 2</u>	<u>Significant Unobservable Inputs Level 3</u>
Bond funds	\$ 4,375,922	\$ -	\$ 4,375,922	\$ -
Mutual funds	1,294,199	1,294,199	-	-
Common stock	<u>3,105</u>	<u>3,105</u>	-	-
Total	<u>\$ 5,673,226</u>	<u>\$ 1,297,304</u>	<u>\$ 4,375,922</u>	<u>\$ -</u>

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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

(Concluded)

<u>Description</u>	<u>Fair Value at 06/30/20</u>	<u>Quoted Prices in Active Markets for Identical Assets Level 1</u>	<u>Significant Other Observable Inputs Level 2</u>	<u>Significant Unobservable Inputs Level 3</u>
Bond funds	\$ 4,309,289	\$ -	\$ 4,309,289	\$ -
Mutual funds	970,619	970,619	-	-
Common stock	<u>456</u>	<u>456</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 5,280,364</u>	<u>\$ 971,075</u>	<u>\$ 4,309,289</u>	<u>\$ -</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 – The fair values of bond funds are determined based upon independent third-party pricing sources using observable market data. Independent third-party pricing sources are used to price all security positions for which a readily determinable market price is available.

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, 2021 and 2020 are certificates of deposit totaling \$3,794,381 and \$3,785,646, respectively.

NOTE 5. RELATED PARTY TRANSACTIONS

	<u>2021</u>	<u>2020</u>
Old Dominion University:		
Payables	\$ 3,037,345	\$ 3,074,541
Receivables	3,321,438	2,524,452
Receipts	14,029,713	12,488,256
Disbursements	11,079,623	9,255,356

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.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

NOTE 6. NET ASSETS

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

	<u>2021</u>	<u>2020</u>
Applied Marine Research Laboratory Operations Funds	\$ 317,487	\$ 303,217
Other Cost Centers Fund	(28,512)	(329,775)
Old Dominion University Indirect Cost Allocation Fund	11,052,541	10,652,634
Other Old Dominion University Designated Funds	<u>5,758,058</u>	<u>5,600,427</u>
	<u>\$ 17,099,574</u>	<u>\$ 16,226,503</u>

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

	<u>2021</u>	<u>2020</u>
Undesignated General Funds	\$ (1,249,588)	\$ (1,681,677)
Designated Foundation Reserve Funds	<u>2,869,989</u>	<u>2,396,995</u>
	<u>\$ 1,620,401</u>	<u>\$ 715,318</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, 2021 and 2020 was \$1,144,366 and \$1,116,640, respectively.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

NOTE 8. OPERATING 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 operating lease agreements. The estimated future commitments for these leases as of June 30, 2021, are as follows:

2022	\$	253,521
2023		243,846
2024		246,792
2025		252,692
2026		259,286
Thereafter		<u>770,738</u>
	\$	<u>2,026,875</u>

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, 2021 and 2020 were \$516,597 and \$500,137, 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 \$252,864 and \$268,376 for the years ended June 30, 2021 and 2020, respectively.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

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 that are donated and not reimbursed by the Foundation. These contributed services are recorded at their estimated fair value and totaled \$901,569 and \$512,094 for the years ended June 30, 2021 and 2020, 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 and \$737,955 as of June 30, 2021 and 2020, respectively.

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, 2021 and 2020.

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.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

NOTE 14. SUBSEQUENT EVENTS

The Foundation has evaluated all events and transactions for potential recognition or disclosure through September 30, 2021, 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.

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.

NOTE 16. RISK AND UNCERTAINTIES

On January 30, 2020, the World Health Organization declared the coronavirus outbreak a "Public Health Emergency of International Concern" and on March 11, 2020, declared it to be a pandemic. Actions taken around the world to help mitigate the spread of the coronavirus include restrictions on travel, quarantines in certain areas and forced closures for certain types of public places and businesses. The coronavirus and actions taken to mitigate the spread of it have had and are expected to continue to have an adverse impact on the economies and financial markets of many countries, including the geographical area in which the Foundation operates. On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security Act (CARES Act) was enacted to, amongst other provisions, provide emergency assistance for individuals, families and businesses affected by the coronavirus pandemic. The Foundation operates within the Commonwealth of Virginia, closely monitors and adheres to guidelines from the Governor's Office with respect to travel, public safety and operating during the pandemic.

It is unknown how long the adverse conditions associated with the coronavirus will last and what the complete financial effect will be to the Foundation.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2021 and 2020

NOTE 17. SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Subsequent to issuance of the independent auditor's report, it was determined that certain information originally included in the Schedule of Expenditures of Federal Awards, mainly related to federal program titles, agency/pass-through grantor names and pass-through identifying numbers, were in error. The Schedule of Expenditures of Federal Awards has been corrected for these items. The correction of these items had no effect on the determination of major programs or amounts expended as previously reported.

SUPPLEMENTAL INFORMATION

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Operating Funds

Year Ended June 30, 2021 With Comparative Totals for the Year Ended June 30, 2020

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							2021	2020	
PUBLIC SUPPORT AND REVENUES														
Direct revenue	\$ -	\$ -	\$ 293,574	\$ 667,801	\$ 575,726	\$ -	\$ 1,537,101	\$ 33,356,602	\$ 7,688,245	\$ 492,994	\$ 41,537,841	\$ (525)	\$ 43,074,417	\$ 41,413,252
Indirect cost revenue	-	-	-	-	-	-	-	7,035,446	1,290,047	23,615	8,349,108	-	8,349,108	8,531,048
Interfund revenue	-	40,221	647,575	(682,376)	570,573	-	575,993	174,048	64,616	-	238,664	(814,657)	-	-
Administration fee	-	-	-	-	-	-	-	-	-	-	-	-	-	6,802
Contributed services	-	-	-	-	901,569	-	901,569	-	-	-	-	-	901,569	512,094
Interest and investment income	413,272	-	-	93,068	-	-	506,340	-	-	-	-	-	506,340	452,648
Memberships	-	-	-	-	-	-	-	-	2,250	-	2,250	-	-	14,750
Other	18,400	-	-	-	-	-	18,400	-	-	-	-	-	18,400	41,867
Total public support and revenues	<u>431,672</u>	<u>40,221</u>	<u>941,149</u>	<u>78,493</u>	<u>2,047,868</u>	<u>-</u>	<u>3,539,403</u>	<u>40,566,096</u>	<u>9,045,158</u>	<u>516,609</u>	<u>50,127,863</u>	<u>(815,182)</u>	<u>52,852,084</u>	<u>50,972,461</u>
EXPENSES														
Program expenses:														
Salaries and wages	-	-	87,462	1,475,790	1,285,398	-	2,848,650	16,595,640	3,996,526	182,366	20,774,532	(119,727)	23,503,455	22,435,139
Fringe benefits	-	-	35,443	454,027	446,841	-	936,311	4,616,128	1,136,669	51,132	5,803,929	(48,297)	6,691,943	6,090,362
Supplies	-	18,168	93,853	177,929	204,442	-	494,392	960,693	245,354	72,680	1,278,727	(1,702)	1,771,417	1,970,813
Contractual services	-	6,446	319,913	185,523	47,420	-	559,302	2,253,607	502,929	50,183	2,806,719	-	3,366,021	2,568,751
Property rental	-	-	-	11	-	-	11	53,598	21,611	-	75,209	-	75,209	72,328
General expense	-	1,293	94,841	1,112,996	155,016	-	1,364,146	438,768	211,617	5,344	655,729	(33,532)	1,986,343	2,221,388
Transfers to projects	-	-	-	-	-	-	-	-	-	-	-	(252,864)	(252,864)	(268,376)
Travel	-	44	829	34,167	27,173	-	62,213	93,507	16,646	2,383	112,536	-	174,749	1,435,603
Subcontracts	-	-	-	118,875	19,966	-	138,841	3,489,015	647,843	-	4,136,858	-	4,275,699	4,114,109
Tuition	-	-	-	14,526	47,629	-	62,155	1,795,171	57,533	-	1,852,704	-	1,914,859	1,865,573
Other expenses	-	-	-	20,189	1,091	-	21,280	2,185,725	646,432	51,921	2,884,078	(359,060)	2,546,298	2,770,177
Total program expenses	<u>-</u>	<u>25,951</u>	<u>632,341</u>	<u>3,594,033</u>	<u>2,234,976</u>	<u>-</u>	<u>6,487,301</u>	<u>32,481,852</u>	<u>7,483,160</u>	<u>416,009</u>	<u>40,381,021</u>	<u>(815,182)</u>	<u>46,053,140</u>	<u>45,275,867</u>
SUPPORTING EXPENSES	<u>4,152,689</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>4,152,689</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>4,152,689</u>	<u>4,060,554</u>
Total expenses	<u>4,152,689</u>	<u>25,951</u>	<u>632,341</u>	<u>3,594,033</u>	<u>2,234,976</u>	<u>-</u>	<u>10,639,990</u>	<u>32,481,852</u>	<u>7,483,160</u>	<u>416,009</u>	<u>40,381,021</u>	<u>(815,182)</u>	<u>50,205,829</u>	<u>49,336,421</u>
CHANGE IN NET ASSETS BEFORE NON-BUDGETED SUPPORTING EXPENSES	(3,721,017)	14,270	308,808	(3,515,540)	(187,108)	-	(7,100,587)	8,084,244	1,561,998	100,600	9,746,842	-	2,646,255	1,636,040
NON-BUDGETED SUPPORTING EXPENSES	<u>1,164,484</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,164,484</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,164,484</u>	<u>1,469,291</u>
CHANGE IN NET ASSETS	(4,885,501)	14,270	308,808	(3,515,540)	(187,108)	-	(8,265,071)	8,084,244	1,561,998	100,600	9,746,842	-	1,481,771	166,749
NET ASSETS, BEGINNING OF YEAR	715,317	303,218	(329,775)	10,652,634	5,600,427	2,901,202	19,843,023	-	-	-	-	-	19,843,023	19,676,274
TRANSFERS														
Invested in plant, net	-	-	(7,545)	(41,054)	(18,660)	749,360	682,101	(257,415)	(351,365)	(73,321)	(682,101)	-	-	-
Depreciation expense	1,045,743	-	-	-	-	(1,045,743)	-	-	-	-	-	-	-	-
Indirect cost transfers	4,331,380	-	-	3,956,501	363,399	-	8,651,280	(7,301,683)	(1,325,982)	(23,615)	(8,651,280)	-	-	-
Funds designated from restricted fund	413,461	-	-	-	-	-	413,461	(525,146)	115,349	(3,664)	(413,461)	-	-	-
NET ASSETS, END OF YEAR	<u>\$ 1,620,400</u>	<u>\$ 317,488</u>	<u>\$ (28,512)</u>	<u>\$ 11,052,541</u>	<u>\$ 5,758,058</u>	<u>\$ 2,604,819</u>	<u>\$ 21,324,794</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 21,324,794</u>	<u>\$ 19,843,023</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedules of Supporting Expenses

For the Years Ended June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Personnel services	\$ 2,323,191	\$ 2,351,658
Fringe benefits	1,072,047	1,074,897
Professional services	276,807	154,018
Rental	190,571	131,635
Insurance and bonds	134,799	132,324
Maintenance services	63,998	103,470
Supplies	33,446	28,297
Bank service charges	29,089	26,355
Telephone	10,018	10,406
Postage	4,574	6,041
Miscellaneous	4,376	9,574
Publications and subscriptions	4,019	4,438
Professional memberships	3,208	2,711
Travel	1,181	16,563
Printing and copying	728	1,665
Meetings and entertainment	<u>637</u>	<u>6,502</u>
 Total supporting expenses	 <u>\$ 4,152,689</u>	 <u>\$ 4,060,554</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Assistance Listing Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	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	\$ 8,187		*
97.039	Va Institute of Marine Science	Hazard Mitigation Grant	722232-712685	1,172		*
97.061	University of Illinois (All Campuses)	Centers for Homeland Security	077083-17277	(1,026)		*
97.061	University of North Carolina	Centers for Homeland Security	5101653	1,327		*
97.067	Virginia Department of Emergency Management	Homeland Security Grant Program	8552	113,356		*
(1)	Applied Research Associates, Inc.	CBP Preclearance	S-003146-14-TO-03-VMASC	1,639		*
(1)	Hampton Roads Planning District Commission	Risk and Decision Analytic Support UASI THIRA	EM 2020-01	53,785	\$ 46,401	*
Subtotal Pass-Through Programs				\$ 178,440		
Total U.S. Department of Homeland Security				\$ 178,440		
U.S. Department of Commerce						
Direct Programs:						
11.020	Economic Development Administration	Cluster Grants	ED19HDQ0200096	\$ 69,476		*
11.431	National Oceanic and Atmospheric Administration	Climate and Atmospheric Research	NA19OAR4310309	106,960	25,719	*
11.457	National Oceanic and Atmospheric Administration	Chesapeake Bay Studies	NA09NMF4570008	36		*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	NA18NOS4780176	156,649		*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	NA18NOS4780176	72,375		*
Subtotal Direct Programs				\$ 405,496		
Pass-Through Programs from:						
11.012	State University of New Jersey (All Campuses)	Integrated Ocean Observing System (IOOS)	6168	\$ 197,904	5,565	*
11.012	University of Delaware	Integrated Ocean Observing System (IOOS)	56336	48,781		*
11.021	Nalu Scientific	NOAA Small Business Innovation Research (SBIR) Program	500443-010_210187	3,121		*
11.303	Va Polytechnic Institute and State University	Economic Development Technical Assistance	545239-19076	15,897		*
11.303	Va Polytechnic Institute and State University	Economic Development Technical Assistance	545239-19076	1,000		*
11.417	Va Institute of Marine Science	Sea Grant Support	721545-712684	41,296		*
11.417	Va Institute of Marine Science	Sea Grant Support	72155P-712684	18,053		*
11.417	Va Institute of Marine Science	Sea Grant Support	72155N-712684	26,015		*
11.417	Va Institute of Marine Science	Sea Grant Support	72157C-712684	10,625		*
11.417	Va Institute of Marine Science	Sea Grant Support	721546-712684	49,396		*
11.419	College of William and Mary	Coastal Zone Management Administration Awards	743572-712687	7,744		*
11.478	Bishop Museum	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	310845-NOAA AS-ODU	42,677		*
11.478	Va Institute of Marine Science	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	721733-712685	128,876		*
11.609	University of Maryland	Measurement and Engineering Research and Standards	UMD Z767304	(3,779)		*
(1)	Nalu Scientific	Design and Fabrication of Oleas: Oceanographic LIDAR for Environmental Assessment	190400	21,540		*
Subtotal Pass-Through Programs				\$ 609,146		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Assistance Listing Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
Total U.S. Department of Commerce				\$ 1,014,642		
<u>U.S. Department of Defense</u>						
Direct Programs:						
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2804	\$ 266,486	224,131	*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2682	171,007		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	6,181		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	2,335		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	19,535		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	3,486		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	1,913		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	27,626		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	21,710		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	17,802		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2682	18,246		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	12,467		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2682	4,023		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	HQ00341810010	8,551		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-20-1-2065	82,725		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-21-1-2081	15,243		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-21-1-2248	16,608		*
12.300	Office of the Secretary of Defense	Basic and Applied Scientific Research	HQ00342010012	83,592		*
12.420	Army Medical Research and Materials Command	Military Medical Research and Development	W81XWH-17-1-0452	116,149		*
12.431	Army Contracting Command	Basic Scientific Research	W909MY-17-1-0002	87,135	312	*
12.431	Army Research Office	Basic Scientific Research	W911NF-17-1-0443	10,000		*
12.800	Air Force Office of Scientific Research (AFOSR)	Air Force Defense Research Sciences Program	FA9550-17-1-0196	136,731		*
12.800	Air Force Research Laboratory	Air Force Defense Research Sciences Program	FA9550-17-1-0257	113,149		*
12.905	National Security Agency	Cybersecurity Core Curriculum	H98230-20-1-0398	52,507		*
(1)	Joint Non-Lethal Weapons Directorate	Active Denial System SME	M6785420P7200	5,394		*
(1)	Joint Non-Lethal Weapons Directorate	IPA Brian Long	200402	198,436		*
(1)	Naval Sea Systems Command	Automation Tools and Analytics Courses for the Naval Shipyard	GS-10F-097CA	165,348		*
(1)	Naval Sea Systems Command	Automation Tools & Analytics Courses for the Naval Shipyard Project Extension	N002418FB057 P0001	153,996		*
(1)	NAVSUP Fleet Logistics Center Norfolk	Western Hemisphere Illicit Network Review	N0018919PZ962	456,743	454,290	*
(1)	NAVSUP Fleet Logistics Center Norfolk	N00140-97-D-2051 DO#7 JTASC	N00140-97-D-2051 DO#7 JTASC	(4,712)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	N00140-97-D-2051-Arl-Supp#01	N00140-97-D-2051-ARL-SUPP#01	(2,535)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	ITSEC JFCOM DO#30 Mod 02	ITSEC JFCOM DO#30 MOD 02	(3,355)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	FISC:Counter Threat Finance M2	N00189-08-DZ052-0044	(1)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	N00140-98-D-H182 DO#9 JE SUPP	N00140-98-D-H182 DO#9 JE SUPP	(43,359)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	DO#17 ADL Support	DO#17 ADL SUPPORT	(7,474)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	J-61 Support	J-61 SUPPORT	(8,635)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	JFCOM J-61 Exercise Support	JFCOM J-61 EXERCISE SUPPORT	(49,835)		*
(1)	NAVSUP Fleet Logistics Center Norfolk	CDRUSJFCOM J6 C4ISR MOD 6	CDRUSJFCOM J6 C4ISR MOD 6	(95,076)		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Assistance Listing Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
(1)	NAVSUP Fleet Logistics Center Norfolk	Joint Forces Staff College Senior Fellows Program	N00189-17-P-Z080	18,944		*
(1)	NAVSUP Fleet Logistics Center Norfolk	JSFC Senior Fellow Support Services	N00189-20-P-Z336	33,795		*
(1)	Norfolk Naval Shipyard	Lean Six Sigma Training Space	N4215819PN181	4,117		*
(1)	Office of Naval Research	Secure Distributed Digital Manufacturing	N00014-18-P-2019	154		*
Subtotal Direct Programs				\$ 2,117,152		
Pass-Through Programs from:						
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	190438	\$ (3,550)		*
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	190438	99		*
12.002	Ocean Bay, LLC	Procurement Technical Assistance for Business Firms	ODU-191020-2017	776		*
12.300	Old Dominion University	Basic and Applied Scientific Research	N00014-19-1-2624	450,467		*
12.300	University of Cincinnati	Basic and Applied Scientific Research	012288-002	108,585		*
12.420	Embody	Military Medical Research and Development	18-473	78,062		*
12.556	Chesapeake Public Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	CPS 15-816	2,853		*
12.556	York County Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	ODU-190226	24,248		*
12.610	Va Department of Economic Development	Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies	200615	165,032		*
12.617	Governor's Office	Economic Adjustment Assistance for State Governments	18-593	122,997		*
12.617	Va Department of Economic Development	Economic Adjustment Assistance for State Governments	190644	406,831		*
12.617	Va Department of Economic Development	Economic Adjustment Assistance for State Governments	190644	28,817		*
12.630	Howard University	Basic, Applied, and Advanced Research in Science and Engineering	0009887-1000095661	83,156		*
12.630	Norfolk State University	Basic, Applied, and Advanced Research in Science and Engineering	FA1040077	301		*
12.630	Norfolk State University	Basic, Applied, and Advanced Research in Science and Engineering	F1040077-01	388,343		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517	540,159	157,818	*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-10517/011	205,054		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517/012	201,252		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517/013	144,341		*
12.903	Old Dominion University	Gencyber Grants Program	H98230-20-1-0111	42,716		*
12.910	Applied Research LLC	Research and Technology Development	112-1	31,241		*
12.910	North Carolina Agricultural and Technical Univ	Research and Technology Development	210225B	13,384		*
12.910	Pennsylvania State University	Research and Technology Development	6146-ODURF-ARO-0272	37,440		*
(1)	Advanced Anti-Terror Technologies Corporation (A2T2)	A2T2 Fram Phase II Mod 1	332831	(36,948)		*
(1)	Alex – Alternative Experts, LLC	Non-Lethal Fires Course Development	ODURF-5084	3,431		*
(1)	Applied Research LLC	Aiding Target Recognition	115-1	19,936		*
(1)	Camber Corporation	NIPO IPOET	3011	9,229		*
(1)	Camber Corporation	PRIOR	N00178-17-F-3011	1		*
(1)	Camber Corporation	ME&I (Travel/ODC)	N00178-17-F-3011	266		*
(1)	Camber Corporation	ME&I	N00178-17-F-3011	4,967		*
(1)	Camber Corporation	Task 4 Viking Labor	N00178-17-F-3011	35,039		*
(1)	Camber Corporation	Task 4 Viking Travel	N00178-17-F-3011	6,101		*

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(1)	Camber Corporation	New IPOET	N00178-14-D-7650	62,427		*
(1)	Camber Corporation	New PRIOR	N00178-14-D-7650	51,373		*
(1)	Camber Corporation	Mission Engineering	N00178-14-D-7650	149,653		*
(1)	Camber Corporation	IPOET	0000011192	20,580		*
(1)	Circadence	Advanced Instrumentation Technology Spectrum Risk Assessment	20-ODU-01	140,556		*
(1)	Circadence	DOD Instrumentation Analysis and Roadmap Development	20-ODU-01	130,606		*
(1)	Circadence	SLATE	0068	116,006		*
(1)	D'Angelo Technologies LLC	Advanced Ship-Handling Simulators Phase II	2020-006	150,831		*
(1)	D'Angelo Technologies LLC	Advanced Ship-Handling Simulators	2018-11	5,601		*
(1)	Frontier Technology Inc.	Cyber Risk and Resilience Analytics	ODU-19-208755-303	355,837		*
(1)	Great Lakes Systems and Technology	Self-Driving Electric Vehicle Robotic Tech Kernel	69-201815 GLS&T T01	30,252		*
(1)	KaDSci	SOCOM Interoperability	KADSCI 2019-02	(1)		*
(1)	Lockwood Hills	SME ADL Initiative	A20-000948	13,503		*
(1)	Lockwood Hills	SME ADL Initiative	A20-002741	148,700		*
(1)	Lynntech, Inc.	Backpack Mountable Power Generator	AF-051	6,569		*
(1)	Mantech	Evaluation and Enhancement of Simulation Frameworks to	MASI1-20-I-FP-0537	230,638		*
(1)	Prevailance, Inc.	Repurposing Computational Analyses of Tactics	DO-VMASC-20180410-00	78		*
(1)	Prevailance, Inc.	Repurposing Computational Analyses of Tactics for Training Assessments	DO-VMASC-20190821-01	19,087		*
(1)	QinetiQ (MTEQ)	Innovative Discovery Science Platform (IDISPLA) Research	41106	248		*
(1)	QinetiQ (MTEQ)	Innovative Discovery Science Platform (IDISPLA) Research	43842	(2,817)		*
(1)	QinetiQ (MTEQ)	Innovative Discovery Science Platform (IDISPLA) Research	46055	27,300		*
(1)	Semicyber, LLC	Quantum Algorithms for SANSEC Sensors	190842	16		*
(1)	Semicyber, LLC	Quantum Algorithms Phase II	200214	25,206		*
(1)	Ted Text LLC	STTR: Competency Evaluation System (CES) Texting Educational Data	200819	58,649		*
(1)	Va Tech Arc	Smart Warehouse 5G Network	2021-0005	13,781		*
(1)	Valkyrie Enterprises, Inc.	Operationally Directed Instructional Network-Engineering Library	VE102056ODU-REFOUNDATION	301,311		*
(1)	VR Rehab, Inc.	Rugged Touchscreen Button with Positive Indication Feedback	19-C-0155-ODU-PHII-OPTION	27,175		*
Subtotal Pass-Through Programs				\$ 5,197,791		
Total U.S. Department of Defense				\$ 7,314,943		
<u>U.S. Department of Energy</u>						
Direct Programs:						
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DESC0010081	\$ 169,818	97,747	*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG02-96ER40960	925,706		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG02-96ER40960	53,000		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG0297ER41028	157,828		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019149	34,291		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019125	15,513		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019399	14,973		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0020183	41,154		*
Subtotal Direct Programs				\$ 1,412,283		

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	Pass-Through Programs from:					
81.049	Brookhaven National Laboratory	Office of Science Financial Assistance Program	332888	\$ 36,213		*
81.049	Niowave, Inc.	Office of Science Financial Assistance Program	NIOWAVE 03-201	2,917		*
81.049	Niowave, Inc.	Office of Science Financial Assistance Program	15-0009-106	(84,145)		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0018106	125,530		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0019229	168,510		*
81.049	Transient Plasma Systems, Inc.	Office of Science Financial Assistance Program	17-460	(171)		*
81.087	Colorado School of Mines	Renewable Energy Research and Development	401230-5802	(7,939)		*
81.087	Colorado School of Mines	Renewable Energy Research and Development	401234-5801	43,862		*
81.087	South Dakota School of Mines and Technology	Renewable Energy Research and Development	SDSMT-ODU 19-06 R1	25,736		*
81.089	Old Dominion University	Fossil Energy Research and Development	DE-FE0031744	44,057	17,774	*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078260-15890	41,048		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	58,072		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	40,481		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	76,752		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-17944	78,303		*
(1)	Ames Research Labs	Enabling Games for Exoscale Computing	SC-18-462	137,627		*
(1)	Ames Research Labs	Development of Exascale Software for Interfacial Catalysis	SC-19-496	81,246		*
(1)	Brookhaven National Laboratory	EIC Background Studies and the Impact on the IR and Detector Design	341538	50,071		*
(1)	Fermi National Accelerator Laboratory	HL LHC Accelerator Upgrade	665989	76,402		*
(1)	Fermi National Accelerator Laboratory	Numerical Intergration on GPUS	667742	72,148		*
(1)	Fermi National Accelerator Laboratory	Cylindrical Magnetron Sputter Coater	672638	31,900		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	ARRA JLab 10-P0209 Mod#2	ARRA JLAB 10-P0209 MOD#2	(6,593)		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA GRA Support	11A0009401 #2	20,160		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Comp Sci GRA Support FY17	11A0009602	19,456		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	N Sayeed Support	17-C1150	68,733		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Alanazi	17-C1150	15,295		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Sakiotis	17-C1150	25,149		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Angelopoulos	17-C1150	8,983		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Tomadakis	17-C1150	10,336		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Farhat	17-C1150	7,581		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Palacios-Serrano	17-C1150	27,610		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Stefani	17-C1150	22,223		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Dhital	17-C1150	17,140		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Senevirathne	17-C1150	13,732		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Neththikumara	17-C1150	27,464		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Tiskumara	17-C1150	20,598		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Yoskowitz	17-C1150	27,464		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Makita	17-C1150	20,598		*

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(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Pathriana	17-C1150	1,521		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Parajuli	17-C1150	1,521		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Wijethunga	17-C1150	27,464		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Li	17-C1150	28,217		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab M Rahman	17-C1150	17,612		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Pokharel	17-C1150	23,408		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Khanal	17-C1150	27,464		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab A Rahman	17-C1150	22,798		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Alghamdi	17-C1150	5,280		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Carrillo Bernal	17-C1150	11,232		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab H Pokhrel	17-C1150	10,431		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Coxé	17-C1150	2,996		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Faculty Salaries	17-C1093	697,771		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Huang Support	17-C1093	77,402		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Electron Microscop Support	20-M0157	790		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Student Support Residuals	RESIDUAL JSA-11-A0009	8,033		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	EIC Crabbing System R&D	20-D0972	132,333		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Photocathodes W/90% Polarization for DOE NP	21-D0188	24,222		*
(1)	Los Alamos National Laboratories	Topological Relation-Based Image	601957	30,694		*
(1)	National Renewable Energy Laboratory	Evaluation of Flash Hydrolysis for High Protein Algal Biomass Deconstruction	XEJ-9-92352-01	18,596		*
(1)	Oak Ridge National Laboratory	Novel Solid State Thermal-Magneto Generator Utilizing Low-Temp Geothermal Fluid	4000173321	649		*
(1)	Sandia National Laboratories	SNL Hydrothermal Processing	2181170	21,349		*
(1)	Va Department of Mines, Minerals, and Energy	DMME Offshore Wind Support	C20-6012	304,809		*
Subtotal Pass-Through Programs				\$ 2,941,141		
Total U.S. Department of Energy				\$ 4,353,424		
 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	\$ 26,298		*
15.634	Florida Fish & Wildlife Conservation Commission	State Wildlife Grants	17001	3,912		*
15.634	Maryland Department of Natural Resources	State Wildlife Grants	K00P0401613	(500)		*
15.945	East Carolina University	Cooperative Research and Training Programs - Resources of the National Park System	A20-0062-S001	2,716		*
15.945	Old Dominion University	Cooperative Research and Training Programs - Resources of the National Park System	P19AC01077	197,523	120,601	*
15.945	Old Dominion University	Cooperative Research and Training Programs - Resources of the National Park System	P19AC01077	7,339		*
Subtotal Pass-Through Programs				\$ 237,288		
Total U.S. Department of the Interior				\$ 237,288		
 U.S. Department of Justice						
Direct Programs:						

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16.560	National Institute of Justice	National Institute of Justice Research, Evaluation, and Development Project Grants	2018-75-CX-0002	\$ 122,426	50,509	*
		Subtotal Direct Programs		\$ 122,426		
		Total U.S. Department of Justice		\$ 122,426		
<u>U.S. Department of State</u>						
Pass-Through Programs from:						
19.900	American Council of International Education	AEECA/ESF PD Programs	SUZ800-18-CA-0001	\$ 7,655		*
		Subtotal Direct Programs		\$ 7,655		
		Total U.S. Department of State		\$ 7,655		
<u>U.S. Department of Transportation</u>						
Pass-Through Programs from:						
20.200	National Academy of Sciences (NAS)	Highway Research and Development Program	NCHRP-225	\$ 8,994		*
(1)	George Mason University	Corridor Based Tolling Strategies	E2047272	29,430		*
(1)	Leidos	Effectiveness of TMC AI Applications	PO10218987	3,564		*
(1)	Leidos	CARMA Hardware in the Loop Stimulation	P010253430	20,777		*
(1)	Raytheon	Raytheon Eagle MMIS 2011 CO#1	716821	(9,816)		*
(1)	The National Academies	NAS ACRP Grad Research Award Mod#2	A11-04	481,134	35,651	*
(1)	Va Transportation Research Council	RNS 20-3: Incorporating the 10th Edition ITE Rates into VDOT Regulations	VTRC 116549	64,840		*
(1)	Va Transportation Research Council	RNS 20-2: What is an Effective Way to Measure Arterial Demand When It Exceeds Capacity	VTRC 116572	64,152		*
(1)	Va Transportation Research Council	RNS 20-5: Supporting Transportation System Management and Operations Using Internet of Things Technology	VTRC 116689	57,196		*
(1)	Va Transportation Research Council	RNS 20-1: Development of Guidelines for Collecting Transit Ridership Data	116838	39,594		*
		Subtotal Pass-Through Programs		\$ 759,865		
		Total U.S. Department of Transportation		\$ 759,865		
<u>U.S. Department of Education</u>						
Direct Programs:						
84.324A	U.S. Department of Education	Research in Special Education	R324A160277	\$ 57,494		*
84.325K	U.S. Department of Education	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	H325K150208	35,067		*
84.411C	U.S. Department of Education	Investing in Innovation (I3) Fund	U411C190032	548,507	134,276	*
		Subtotal Direct Programs		\$ 641,068		
Pass-Through Programs from:						
84.051F	Old Dominion University	Career and Technical Education -- National Programs	V051F190072	\$ 181,865		*
84.181	Va Department of Behavioral Health/Developmental Services	Special Education-Grants for Infants and Families	720-4833	32,109		*
84.184F	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	876-61400-S184F140020-17	32,387		*
84.184F	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	876-60029-S184F180014	142,924		*
84.184H	Old Dominion University	Safe and Drug-Free Schools and Communities_National Programs	2020-876-60167-S184H200009	410,998		*
84.224A	Va Department of Rehabilitative Services	Assistive Technology	DARS 15-179	(50)		*

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84.305A	University of Virginia	Education Research, Development and Dissemination	GM10189.PO #2262090	19,442		*
84.323A	Old Dominion University	Special Education - State Personnel Development	2017-876-60300-H323A170018	754,618		*
84.325H	East Carolina University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	AWD-20-0512-S008-A01	155,453		*
84.325K	Virginia Commonwealth University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	FP00005771_SA002	17,821		*
84.326S	University of Oregon	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	282070A	474,545		*
84.335A	Old Dominion University	Child Care Access Means Parents in School Program	P335A190335	118,010		*
84.365Z	Old Dominion University	English Language Acquisition State Grants	T365Z160151	245,341		*
84.424	Old Dominion University	Student Support and Academic Enrichment Program	876-1234-OSS	26,752		*
84.425	Old Dominion University	Education Stabilization Fund	876-APE60043-S425D200008	54,765		*
84.425G	Hampton University	Education Stabilization Fund	HU-210001	263,846		*
Subtotal Pass-Through Programs				\$ 2,930,826		
Total U.S. Department of Education				\$ 3,571,894		
<u>Environmental Protection Agency</u>						
Pass-Through Programs from:						
66.432	Old Dominion University	State Public Water System Supervision	VDH-21-103-0154	\$ 9,993		*
66.444	Old Dominion University	Lead Testing in School and Child Care Program Drinking Water (SDWA 1464(d))	VDH-21-103-0177	677		*
Subtotal Pass-Through Programs				\$ 10,670		
Total Environmental Protection Agency				\$ 10,670		
<u>U.S. Department of Health and Human Services</u>						
Direct Programs:						
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	5R21ES030528-02	\$ 34,060		*
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	1U01ES030674-01A1	322,536		*
93.124	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Anesthetist Traineeships	2 A22HP30949-04-00	16,307		*
93.213	U.S. Public Health Service (Including NIH)	Research and Training in Complementary and Integrative Health	1R34AT011038-01	124,057	26,045	*
93.242	U.S. Public Health Service (Including NIH)	Mental Health Research Grants	1F31MH120982-01A1	30,385		*
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services Projects of Regional and National Significance	5H79SM080472-03	65,368	871	*
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services Projects of Regional and National Significance	5H79SM080472-02	20,830	6,290	*
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services Projects of Regional and National Significance	1H79SM080472-01	381		*
93.247	U.S. Department of Health and Human Services	Advanced Nursing Education Grant Program	T94HP30910-02-04	35,337		*
93.247	U.S. Public Health Service (Including NIH)	Advanced Nursing Education Grant Program	4 T94HP30910-02-04	27,871		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	5 R01 AA023197-04	169,516	84,774	*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	2R15AA020424-02	3,953		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	5K01AA023849-05	143,018		*
93.279	U.S. Public Health Service (Including NIH)	Drug Abuse and Addiction Research Programs	5R01DA039904-05	235,103	77,549	*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-04S1	2,617	2,617	*

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93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-04S2	114,980	13,707	*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB020683-03	43,831	14,520	*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	1R01EB023878-01A1	(1,313)		*
93.307	U.S. Public Health Service (Including NIH)	Minority Health and Health Disparities Research	1R01MD012598-01A1	256,346		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	1 U2 VHP33063-01-00	8,965		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	U2VHP33063-02-00	473,869		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	UD7HP37636-01-00	340,667		*
93.359	U.S. Public Health Service (Health Resources and Services Administration)	Nurse Education, Practice Quality and Retention Grants	T1JHP39090-01-00	63,511		*
93.393	U.S. Public Health Service (Including NIH)	Cancer Cause and Prevention Research	1R21CA229939-01	52,625		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	5M01HP31324-03-00	80,664		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	5 M01HP31324004-00	305,235		*
93.732	U.S. Public Health Service (Health Resources and Services Administration)	Mental and Behavioral Health Education and Training Grants	T97HP33393-01-02	235,662		*
93.837	U.S. Public Health Service (Including NIH)	Cardiovascular Diseases Research	5R01HL128381-03	(2,713)		*
93.837	U.S. Public Health Service (Including NIH)	Cardiovascular Diseases Research	5R21HL127580-02	45,122		*
93.855	U.S. Department of Health and Human Services	Allergy, Immunology, and Transplantation Research	R01AI136035	409,522	280,117	*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	7R03AI092156-03	(81)		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	RO1AI130116	173,701		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	5R01AI141790-02	135,571		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	1R01AI149169-01A1	29,349		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	1R03AI159280-01	19,308		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	2R01GM062968-10	23,698		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	2R15GM116082-02	78,507		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM119116-01	19,055		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM119063-01A1	105,315		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1T34GM118259-01A1	(4,969)		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-03	296,104		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	3T34GM118256-03S1	79,771		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-04	4,798		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM131330-01	142,208		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	2R01GM062698-14	153,796		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1T32GM140911-01	24,637		*
(1)	Centers for Disease Control and Prevention (DHHS)	NIOSH Violence Prevention Mod8	CDC 212-2012-M-51289	(333)		*
Subtotal Direct Programs				\$ 4,938,747		
Pass-Through Programs from:						
93.110	Old Dominion University	Maternal and Child Health Federal Consolidated Programs	705AU932827	\$ 8,128		*

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93.243	Louisiana State University	Substance Abuse and Mental Health Services Projects of Regional and National Significance	PO-0000140516	17,346		*
93.247	Loyola University (Chicago)	Advanced Nursing Education Grant Program	LU#211699	24,859		*
93.262	Johns-Hopkins University	Occupational Safety and Health Program	2004640704	5,480		*
93.286	Simquest, LLC	Discovery and Applied Research for Technological Innovations to Improve Human Health	711041	(9,639)		*
93.286	University of South Florida	Discovery and Applied Research for Technological Innovations to Improve Human Health	6100-1000-00-A	87,506		*
93.855	University of California (All Campuses)	Allergy, Immunology, and Transplantation Research	2020-1258	36,860		*
93.859	College of William and Mary	Biomedical Research and Research Training	743311-712687	18,208		*
93.859	Michigan State University	Biomedical Research and Research Training	RC106661OD	30,550		*
93.859	Michigan State University	Biomedical Research and Research Training	RC111172A	61,498		*
93.867	Stony Brook University	Vision Research	87527/1159967	13,076		*
93.884	Eastern Virginia Medical School	Grants for Primary Care Training and Enhancement	S151311	6,390		*
93.884	Eastern Virginia Medical School	Grants for Primary Care Training and Enhancement	S151311 #2	5,398		*
		Subtotal Pass-Through Programs		\$ 305,660		
		Total U.S. Department of Health and Human Services		\$ 5,244,407		
 <u>U.S Department of Housing and Urban Development</u>						
		Direct Programs:				
14.506	U.S. Department of Housing and Urban Development	General Research and Technology Activity	RP-20-VA-001	\$ 105,709		*
		Subtotal Direct Programs		\$ 105,709		
		Total U.S. Department of Housing and Urban Development		\$ 105,709		
 <u>Institute of Museum and Library Services</u>						
		Pass-Through Programs from:				
45.312	Va Polytechnic Institute and State University	National Leadership Grants	451593-19076	\$ 47,660		*
45.313	University of Maryland	Laura Bush 21st Century Librarian Program	40279-Z9281101	7,542		*
45.313	Va Polytechnic Institute and State University	Laura Bush 21st Century Librarian Program	545262-19076	8,694		*
		Subtotal Pass-Through Programs		\$ 63,896		
		Total Institute of Museum and Library Sciences		\$ 63,896		
 <u>National Aeronautics and Space Administration</u>						
		Direct Programs:				
43.001	Langley Research Center	Science	NNX15AW39G S06	\$ 2,166		*
43.001	NASA/Headquarters	Science	80NSSC18K0240	119,893		*
43.001	NASA/Headquarters	Science	80NSSC19K0417	150,650		*
43.001	NASA/Headquarters	Science	80NSSC20K0482	51,762		*
43.001	NASA/Headquarters	Science	80NSSC21K0412	39,509		*
43.001	NASA/Headquarters	Science	80NSSC21K0924	7,609		*
43.002	Langley Research Center	Aeronautics	NNX15AU39A	40,597		*
43.003	Langley Research Center	Exploration	80NSSC18M0050	124,539		*
43.003	Langley Research Center	Exploration	80NSSC20M0090	170,528		*
43.008	Langley Research Center	Education	80NSSC20M0056	705,326	60,684	*
43.008	Langley Research Center	Education	210397	750		*

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Federal Assistance	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
Listing Number						
43.008	Langley Research Center	Education	210479	10,000		*
43.008	Langley Research Center	Education	210480	3,389		*
43.008	Langley Research Center	Education	210392	5,945		*
43.008	Langley Research Center	Education	80NSSC20K1086	95,540		*
43.008	NASA Goddard Spaceflight Center	Education	NNX15AI20H	136,618	45,857	*
43.008	NASA Goddard Spaceflight Center	Education	200401	9,495		*
43.008	NASA Goddard Spaceflight Center	Education	200365	8,463		*
43.008	NASA Goddard Spaceflight Center	Education	200610	7,738		*
43.008	NASA Goddard Spaceflight Center	Education	200605	10,000		*
43.008	NASA Goddard Spaceflight Center	Education	200589	7,908		*
43.008	NASA Goddard Spaceflight Center	Education	210420	70		*
Subtotal Direct Programs				\$ 1,708,495		
Pass-Through Programs from:						
43.001	Woods Hole Oceanographic Institution	Science	23124100	\$ 68,029		*
43.008	Hampton University	Education	HU-160020	4,055		*
43.008	National Institute of Aerospace Associates (NIA)	Education	201001-ODURF	28,364		*
43.008	National Institute of Aerospace Associates (NIA)	Education	401014-ODURF	80,907		*
43.008	National Institute of Aerospace Associates (NIA)	Education	401015-ODURF	13,651		*
43.008	National Institute of Aerospace Associates (NIA)	Education	201190-ODURF	100,393		*
43.008	National Institute of Aerospace Associates (NIA)	Education	201017-ODURF	54,750		*
43.008	National Institute of Aerospace Associates (NIA)	Education	202022-ODURF	19,445		*
(1)	National Institute of Aerospace Associates (NIA)	TD-FAST (Time Domain Fast Acoustic Scattering Toolkit) Enhancement Utilization	T13-6500-ODU-601064	91,270		*
(1)	National Institute of Aerospace Associates (NIA)	Training in Statistical Engineering Practices	T13-6500-ODU-602004	26,000		*
(1)	National Institute of Aerospace Associates (NIA)	TD-FAST (Time Domain Fast Acoustic Scattering Toolkit) Improvements Application	T13-6500-ODU-602016	35,592		*
(1)	National Institute of Aerospace Associates (NIA)	Subsonic Magnetic Suspension Wind Tunnel	201183-ODURF	42,527		*
(1)	National Institute of Aerospace Associates (NIA)	Laser-Based Noninvasive Airflow Velocity Measurements without Seeding Using Naturally-Occurring Argon	202041-ODURF	20,446		*
(1)	National Institute of Aerospace Associates (NIA)	Director of Graduate Programs, National Institute of Aerospace	X17-0810-ODU	15,342		*
(1)	National Institute of Aerospace Associates (NIA)	Director of Graduate Programs, National Institute of Aerospace	X20-0810-ODU	96,012		*
(1)	Polyk Technologies, LLC	Long Life, Long Stroke, Low Power, and High Torque-Force Actuators (TriLHFA) for Extreme Space Environments	PK-S1901	1,948		*
(1)	Polyk Technologies, LLC	Electroactive Polymer Technology	PK-S20A	26,786		*
(1)	Virginia State University	Donor Materials Welding Blisks	R000058	51,814		*
Subtotal Pass-Through Programs				\$ 777,331		
Total National Aeronautics and Space Administration				\$ 2,485,826		
<u>National Endowment for the Humanities</u>						
Direct Programs:						
45.163	National Endowment for the Humanities	Promotion of the Humanities_Professional Development	BH-267105-19	17,722		*
45.169	National Endowment for the Humanities	Promotion of the Humanities Office of Digital Humanities	HAA-277270-21	20,179		*
45.312	Institute of Museum and Library Services	National Leadership Grants	LG-246292-OLS-20	13,080		*
Subtotal Direct Programs				\$ 50,981		

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Total National Endowment for the Humanities				\$ 50,981		
<u>National Security Agency</u>						
Direct Programs:						
(1)	National Security Agency	Old Dominion University Gencyber JROTC Students and Teachers Interactive Learning	H98230-21-1-0063	\$ 13,556		*
Subtotal Direct Programs				\$ 13,556		
Total National Security Agency				\$ 13,556		
<u>National Science Foundation</u>						
Direct Programs:						
47.041	National Science Foundation	Engineering	NSF CBET1450936	\$ 22,471		*
47.041	National Science Foundation	Engineering	1839378	18,302		*
47.041	National Science Foundation	Engineering	1840458	15,362		*
47.041	National Science Foundation	Engineering	1825338	33,367		*
47.041	National Science Foundation	Engineering	1825338	610		*
47.041	National Science Foundation	Engineering	1921364	53,092		*
47.041	National Science Foundation	Engineering	1921363	105,424		*
47.041	National Science Foundation	Engineering	1925806	52,440		*
47.041	National Science Foundation	Engineering	1936005	55,584		*
47.041	National Science Foundation	Engineering	1953411	13,839		*
47.041	National Science Foundation	Engineering	2001625	778		*
47.041	National Science Foundation	Engineering	1951745	55,847		*
47.041	National Science Foundation	Engineering	1951745	30,938		*
47.041	National Science Foundation	Engineering	1951745	32,658		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF CHE 1431172	(1,675)		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1535641	18,056		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF 1517519	4,383		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1606743	74,627		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1632749	93,780		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1659177	9,510		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1659476	52,745		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF DMS-1720408	15,361		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1708717	93,836		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1709714	17,825		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1808609	93,932		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1800141	11,013		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1847771	70,787		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1912958	39,092		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1939203	25,419		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1909268	65,351		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1950141	81,410		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2012235	17,077		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2003853	19,320		*

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47.049	National Science Foundation	Mathematical and Physical Sciences	2007157	16,935		*
47.049	National Science Foundation	Mathematical and Physical Sciences	2011734	37,768		*
47.050	National Science Foundation	Geosciences	1558741	9,377		*
47.050	National Science Foundation	Geosciences	1543018	13,448		*
47.050	National Science Foundation	Geosciences	1635403	53,293		*
47.050	National Science Foundation	Geosciences	1636045	49,164		*
47.050	National Science Foundation	Geosciences	1600062	16,704		*
47.050	National Science Foundation	Geosciences	1658318	167,089		*
47.050	National Science Foundation	Geosciences	1737342	68,697		*
47.050	National Science Foundation	Geosciences	1701380	5,204		*
47.050	National Science Foundation	Geosciences	1643652	85,909		*
47.050	National Science Foundation	Geosciences	1756669	91,713		*
47.050	National Science Foundation	Geosciences	1756590	32,845		*
47.050	National Science Foundation	Geosciences	1803933	46,740		*
47.050	National Science Foundation	Geosciences	1833201	84,435		*
47.050	National Science Foundation	Geosciences	1829833	81,371		*
47.050	National Science Foundation	Geosciences	1745011	60,705		*
47.050	National Science Foundation	Geosciences	1850925	94,315		*
47.050	National Science Foundation	Geosciences	1851368	107,994		*
47.050	National Science Foundation	Geosciences	1852759	33,762		*
47.050	National Science Foundation	Geosciences	1940268	50,129		*
47.050	National Science Foundation	Geosciences	2023315	14,303		*
47.050	National Science Foundation	Geosciences	2033988	3,444		*
47.070	National Science Foundation	Computer and Information Science and Engineering	NSF CCF-1439079	40,957		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1649676	13,054		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1659795	6,477		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1745632	12,734		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1829771	114,128		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1850045	49,849		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1901170	8,343		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1932296	43,450		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1950704	22,111		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2008477	33,384		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2007386	39,114		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2043697	26,836		*
47.070	National Science Foundation	Computer and Information Science and Engineering	2045523	4,595		*
47.074	National Science Foundation	Biological Sciences	1802342	19,055	15,864	*
47.074	National Science Foundation	Biological Sciences	1455900	55,614		*
47.074	National Science Foundation	Biological Sciences	1557669	19,576		*
47.074	National Science Foundation	Biological Sciences	1941853	44,607		*
47.075	National Science Foundation	Social, Behavioral, and Economic Sciences	1949760	26,517		*
47.076	National Science Foundation	Education and Human Resources	1821658	144,455	(2,000)	*
47.076	National Science Foundation	Education and Human Resources	NSF DUE-1601614	26,589	2,942	*
47.076	National Science Foundation	Education and Human Resources	2000715	51,370	3,426	*
47.076	National Science Foundation	Education and Human Resources	1914613	155,388	29,478	*

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47.076	National Science Foundation	Education and Human Resources	1623646	31,948		*
47.076	National Science Foundation	Education and Human Resources	1753793	1,658		*
47.076	National Science Foundation	Education and Human Resources	1753793	39,181		*
47.076	National Science Foundation	Education and Human Resources	1712251	40,634		*
47.076	National Science Foundation	Education and Human Resources	1723635	25,405		*
47.076	National Science Foundation	Education and Human Resources	1742118	175,988		*
47.076	National Science Foundation	Education and Human Resources	1742309	181,454		*
47.076	National Science Foundation	Education and Human Resources	1833896	183,046		*
47.076	National Science Foundation	Education and Human Resources	1852813	12,442		*
47.076	National Science Foundation	Education and Human Resources	1908743	388,408		*
47.076	National Science Foundation	Education and Human Resources	1949952	33,505		*
47.076	National Science Foundation	Education and Human Resources	2012941	54,797		*
47.076	National Science Foundation	Education and Human Resources	2042882	37,665		*
47.079	National Science Foundation	Office of International Science and Engineering	1743711	652,872	239,154	*
47.079	National Science Foundation	Office of International Science and Engineering	NSF OISE1112636	(15)		*
47.079	National Science Foundation	Office of International Science and Engineering	1654957	13,936		*
47.083	National Science Foundation	Integrative Activities	2033827	15,996		*
(1)	National Science Foundation	IPA Assign Wu He	1851410	218,968		*
Subtotal Direct Programs				\$ 5,583,996		
Pass-Through Programs from:						
47.049	Elizabeth City State University	Mathematical and Physical Sciences	20-0027-001	\$ 13,929		*
47.049	Temple University	Mathematical and Physical Sciences	260765-ODU	52,551		*
47.070	Pennsylvania State University	Computer and Information Science and Engineering	5922-ODU-NSF-3288	29,900		*
47.070	Stony Brook University	Computer and Information Science and Engineering	90271/1166029	5,680		*
47.070	Stony Brook University	Computer and Information Science and Engineering	90340/116178	13,892		*
47.070	Virginia Commonwealth University	Computer and Information Science and Engineering	FP00011066_SA001	10,598		*
47.074	Columbia University	Biological Sciences	4(GG014070	19,454		*
47.076	Delaware Technical and Community College	Education and Human Resources	2000696-02	18,037		*
47.076	George Mason University	Education and Human Resources	E204629-1	80,163		*
47.076	Hampton University	Education and Human Resources	HU-190003	11,855		*
47.076	Norfolk State University	Education and Human Resources	F1040086	8,117		*
47.076	North Carolina State University	Education and Human Resources	2020-2161-01	11,225		*
47.076	Oklahoma State University	Education and Human Resources	577850-ODU-1	8,148		*
47.076	Smithsonian Institution	Education and Human Resources	T21C010122	11,785		*
47.076	University of Virginia	Education and Human Resources	GA11257 155806	63,547		*
47.076	University of Virginia	Education and Human Resources	1712724	5,400		*
47.076	Western Washington University	Education and Human Resources	51202-ODUX-00	48,265		*
47.076	Western Washington University	Education and Human Resources	51213-ODUX-00	29,441		*
Subtotal Pass-Through Programs				\$ 441,987		
Total National Science Foundation				\$ 6,025,983		
Small Business Administration						
Direct Programs:						
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ-17-W-0022	\$ 49,015		*
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ20W0049	73,404		*

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59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ20C0087	239,794		*
59.044	Small Business Administration	Veterans Outreach Program	SBAHQ-10-V-0011	(466)		*
59.044	Small Business Administration	Veterans Outreach Program	SBAHQ19V0024	(3,142)		*
59.044	Small Business Administration	Veterans Outreach Program	SBAOVVB200014-01-00	391,346		*
59.044	Small Business Administration	Veterans Outreach Program	SBAOVVB200014-02-00	61,696		*
Subtotal Direct Programs				\$ 811,647		
Total Small Business Administration				\$ 811,647		
<u>U.S. Agency for International Development</u>						
Pass-Through Programs from:						
98.001	Conrad	USAID Foreign Assistance for Programs Overseas	NXC-20-012	\$ 15,479		*
98.001	Eastern Virginia Medical School	USAID Foreign Assistance for Programs Overseas	ENS-20-001	48,897		*
Subtotal Pass-Through Programs				\$ 64,376		
Total U.S. Agency for International Development				\$ 64,376		
<u>U.S. Department of Agriculture</u>						
Direct Programs:						
10.025	U.S. Department of Agriculture	Plant and Animal Disease, Pest Control, and Animal Care	AP20VSCEAH00C043	\$ 27,483		*
10.219	U.S. Department of Agriculture	Biotechnology Risk Assessment Research	2016-33522-25624	7,209		*
10.253	U.S. Department of Agriculture	Consumer Data and Nutrition Research	58-4000-8-0038-R	9,041		*
Subtotal Direct Programs				\$ 43,733		
Pass-Through Programs from:						
10.170	Va Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	FFY 2017-4F7 301-18-024	\$ 1,479		*
10.170	Va Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	FFY 2018-584 301-19-032	5,259		*
10.310	Montana State University Northern	Agriculture and Food Research Initiative (AFRI)	726177-ODU-USDA	17,470		*
10.310	University of Maine	Agriculture and Food Research Initiative (AFRI)	UMS-1154	12,179		*
10.557	Tufts University	Special Supplemental Nutrition Program for Women, Infants, and Children	103097-00001 PO #EP0191138	25,221		*
10.664	Virginia Department of Forestry	Cooperative Forestry Assistance	19UCF23	8,900		*
Subtotal Pass-Through Programs				\$ 70,508		
Total U.S. Department of Agriculture				\$ 114,241		
Total Research and Development Cluster				\$ 32,551,869		
<u>Special Education Cluster (IDEA)</u>						
<u>U.S. Department of Education</u>						
Pass-Through Programs from:						
84.027	Old Dominion University	Special Education_Grants to States	876-DOE87052&DOE88069-H027A180107	\$ 53,251		
84.027A	George Mason University	Special Education_Grants to States	E2049811	16,791		
84.027A	George Mason University	Special Education_Grants to States	E2049861	33,964		
84.027A	George Mason University	Special Education_Grants to States	E2053771	16,280		
84.027A	George Mason University	Special Education_Grants to States	E2053741	3,187		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A180107	83,683		

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84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A180107	23,852		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A190107	626,232		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A190107	394,054		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE62555-H027A190107	49,607		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61191-H027A190107	1,410		
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE87151-H027A180107	63,634		
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE86625-H027A200107	5,561		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A200107	240,505		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE61244-H027A200107	256,407		
84.027A	Old Dominion University	Special Education_Grants to States	876-APE62555-H027A200107	14,739		
84.027A	Old Dominion University	Special Education_Grants to States	876-DOE87052-H027A200107	23,329		
84.173	Old Dominion University	Special Education_Preschool Grants	619-876-62685-H173A110112	94		
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A180112	76,104		
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A190112	273,757		
84.173A	Old Dominion University	Special Education_Preschool Grants	876-APE62685-H173A200112	110,944		
Subtotal Pass-Through Programs				\$ 2,367,385		
Total U.S. Department of Education				\$ 2,367,385		
Total Special Education Cluster (IDEA)				\$ 2,367,385		
<u>TRIO Cluster</u>						
<u>U.S. Department of Education</u>						
Direct Programs:						
84.066A	U.S. Department of Education	Educational Opportunity Centers	P066A160013	\$ 571,296		*
Subtotal Direct Programs				\$ 571,296		
Pass-Through Programs from:						
84.042A	Old Dominion University	TRIO_Student Support Services	P042A150060-17	\$ 3,891		*
84.042A	Old Dominion University	TRIO_Student Support Services	P042A150060-19	96,915		*
84.042A	Old Dominion University	TRIO_Student Support Services	P042A200257	284,124		*
84.047A	Old Dominion University	TRIO_Upward Bound	P047A171195	335,299		*
Subtotal Pass-Through Programs				\$ 720,229		
Total U.S. Department of Education				\$ 1,291,525		
Total TRIO Cluster				\$ 1,291,525		
<u>Highway Safety Cluster</u>						
<u>U.S. Department of Transportation</u>						
Pass-Through Programs from:						
20.600	Old Dominion University	State and Community Highway Safety	FSC-2020-50010-20010	\$ 5,284		
20.600	Va Department of Motor Vehicles	State and Community Highway Safety	FOP-2020-50281-20281	16,802		
20.600	Va Department of Motor Vehicles	State and Community Highway Safety	FOP-2021-51302-21302	22,665		
20.616	Va Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2020-50267-20267	104,736	67,620	
20.616	Va Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2021-51219-21219	47,926		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Assistance Listing Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/Expenditures	Amount Provided to Subrecipients	Major Program
				Subtotal Pass-Through Programs	\$ 197,413	
				Total U.S. Department of Transportation	\$ 197,413	
				Total Highway Safety Cluster	\$ 197,413	
<u>Highway Planning and Construction Cluster</u>						
<u>U.S. Department of Transportation</u>						
Pass-Through Programs from:						
20.205	Va Department of Transportation	Highway Planning and Construction	VTRC 117202	\$ 10,823		
				Subtotal Pass-Through Programs	\$ 10,823	
				Total U.S. Department of Transportation	\$ 10,823	
				Total Highway Planning and Construction Cluster	\$ 10,823	
<u>CDBG - Disaster Recovery Grants - Pub. L. No. 113-2 Cluster</u>						
<u>U.S. Department of Housing and Urban Development</u>						
Pass-Through Programs from:						
14.272	Coastal Community Resilience Inc	National Resilient Disaster Recovery Competition	SUBAGREEMENT agreement date 3-17-20	\$ (5,000)		
14.272	Coastal Community Resilience Inc	National Resilient Disaster Recovery Competition	210053	1,473		
				Subtotal Pass-Through Programs	\$ (3,527)	
				Total U.S. Department of Housing and Urban Development	\$ (3,527)	
				Total CDBG - Disaster Recovery Grants - Pub. L. No. 113-2 Cluster	\$ (3,527)	
<u>Non-Cluster Programs</u>						
<u>U.S. Department of Housing and Urban Development</u>						
Pass-Through Programs from:						
14.889	Urban Strategies, Inc.	Choice Neighborhoods Implementation Grants	200457	\$ 24,455		
				Subtotal Pass-Through Programs	\$ 24,455	
				Total U.S. Department of Housing and Urban Development	\$ 24,455	
				Total Non-Cluster Programs	\$ 24,455	
				Total Expenditures of Federal Awards	\$ 36,439,943	\$ 2,340,309

Notes to the Schedule of Expenditures of Federal Awards

(1) CFDA 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

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Assistance Listing Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
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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.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Findings and Questioned Costs

For the Year Ended June 30, 2021

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	<u> X </u> No
Significant deficiency(ies) identified?	_____ Yes	<u> X </u> None Reported
Noncompliance material to financial statements noted?	_____ Yes	<u> X </u> No

Federal Awards

Internal control over major programs:

Material weakness(es) identified?	_____ Yes	<u> X </u> No
Significant deficiency(ies) identified?	_____ Yes	<u> X </u> 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

TRIO Cluster

Dollar threshold used to distinguish between type A and type B programs: \$ 1,093,198

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, 2021

NONE



**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 the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Old Dominion University Research Foundation (the “Foundation”), a nonprofit organization and component unit of Old Dominion University, which comprise the statement of financial position as of June 30, 2021, and 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 September 30, 2021.

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 the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the 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 Foundation’s financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Foundation's financial statements are free of 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

Norfolk, Virginia
September 30, 2021



**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM AND REPORT 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

We have audited Old Dominion University Research Foundation's (the "Foundation") compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the Foundation's major federal programs for the year ended June 30, 2021. 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.

Management's Responsibility

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

Auditor's Responsibility

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

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

Opinion on Each Major Federal Program

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 programs for the year ended June 30, 2021.

Report on Internal Control Over Compliance

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

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

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

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

Norfolk, Virginia
September 30, 2021