



**OLD DOMINION UNIVERSITY RESEARCH
FOUNDATION**

FINANCIAL REPORT

JUNE 30, 2020 AND 2019



ASSURANCE, TAX & ADVISORY SERVICES

TABLE OF CONTENTS

	PAGE
INDEPENDENT AUDITOR'S REPORT	1 - 2
FINANCIAL STATEMENTS	
Statements of Financial Position	3 - 4
Statements of Activities	5
Statements of Functional Expenses	6
Statements of Cash Flows	7
Notes to Financial Statements	8 - 18
SUPPLEMENTAL INFORMATION	
Schedule of Operating Funds	19
Schedules of Supporting Expenses	20
Schedule of Expenditures of Federal Awards	21 - 40
Schedule of Findings and Questioned Costs	41
Summary Schedule of Prior Audit Findings	42
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 <i>Government</i> <i>Auditing Standards</i>	43 - 44
Independent Auditor's Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance required by the Uniform Guidance	45 - 46



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, 2020 and 2019, 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, 2020 and 2019, 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 9, 2020, 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 9, 2020

FINANCIAL STATEMENTS

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 6,748,980	\$ 6,756,748
Accounts receivable:		
Grants and contracts, net	12,300,655	12,268,241
Other research related	438,771	219,002
Other	243,995	317,306
Travel advances	17,350	156,935
Prepaid expenses	347,027	443,698
Investments	<u>3,785,646</u>	<u>3,734,203</u>
 Total current assets	 <u>23,882,424</u>	 <u>23,896,133</u>
 PROPERTY AND EQUIPMENT		
Land	54,802	54,802
Buildings and improvements	904,310	1,037,290
Office furniture	325,001	349,628
Office equipment	173,489	193,484
Research equipment	18,202,026	18,022,397
Computer equipment	3,142,807	3,262,373
Equipment in process	<u>98,591</u>	<u>76,765</u>
	22,901,026	22,996,739
Less - accumulated depreciation	<u>(19,999,824)</u>	<u>(19,724,944)</u>
 Total property and equipment	 <u>2,901,202</u>	 <u>3,271,795</u>
 OTHER ASSETS - investments	 <u>5,280,364</u>	 <u>4,929,982</u>
 Total assets	 <u>\$ 32,063,990</u>	 <u>\$ 32,097,910</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Financial Position

June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable	\$ 3,899,746	\$ 4,204,013
Accrued expenses	2,455,758	2,010,271
Due to affiliate	-	1,730,074
Deferred revenue	<u>5,865,463</u>	<u>4,477,278</u>
Total current liabilities	<u>12,220,967</u>	<u>12,421,636</u>
NET ASSETS		
Without donor restrictions:		
Old Dominion University funds	16,226,503	16,225,067
Plant funds	2,901,202	3,271,795
Undesignated General and Designated Foundation Reserve	<u>715,318</u>	<u>179,412</u>
Total net assets	<u>19,843,023</u>	<u>19,676,274</u>
Total liabilities and net assets	<u>\$ 32,063,990</u>	<u>\$ 32,097,910</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Activities

For the Years Ended June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
PUBLIC SUPPORT AND REVENUES		
Sponsored research	\$ 39,970,158	\$ 40,458,197
Indirect cost revenue	8,531,048	8,612,131
Other research related revenue	1,443,094	1,475,243
Value of contributed services	512,094	440,524
Interest and investment income	452,648	442,122
Memberships	14,750	14,000
Other	48,669	153,645
Total public support and revenues	<u>50,972,461</u>	<u>51,595,862</u>
EXPENSES		
Program services:		
Sponsored research	38,375,727	38,262,120
Other research related expenses	6,900,140	7,134,389
	<u>45,275,867</u>	<u>45,396,509</u>
Management and general	5,529,845	5,374,778
Total expenses	<u>50,805,712</u>	<u>50,771,287</u>
CHANGE IN NET ASSETS	166,749	824,575
NET ASSETS, BEGINNING OF YEAR	<u>19,676,274</u>	<u>18,851,699</u>
NET ASSETS, END OF YEAR	<u>\$ 19,843,023</u>	<u>\$ 19,676,274</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Functional Expenses
For the Years Ended June 30, 2020 and 2019

	2020			2019		
	Program Services	Management and General	Total	Program Services	Management and General	Total
Salaries and wages	\$ 22,435,139	\$ 2,351,658	\$ 24,786,797	\$ 20,959,912	\$ 2,194,715	\$ 23,154,627
Fringe benefits	6,090,362	1,074,897	7,165,259	5,678,009	1,018,962	6,696,971
Subcontracts	4,114,109	-	4,114,109	4,583,951	-	4,583,951
Contractual services	2,568,751	346,561	2,915,312	2,354,358	343,490	2,697,848
Participant support costs	2,770,177	-	2,770,177	4,205,639	-	4,205,639
General research related expenses	2,221,388	8,873	2,230,261	2,000,212	10,498	2,010,710
Supplies	1,970,813	28,297	1,999,110	2,165,406	32,259	2,197,665
Tuition	1,865,573	-	1,865,573	1,386,819	-	1,386,819
Travel	1,435,603	16,563	1,452,166	2,367,311	26,956	2,394,267
Depreciation	-	1,110,678	1,110,678	-	1,225,346	1,225,346
Rent	72,328	131,635	203,963	49,384	132,919	182,303
Insurance and bonds	-	129,701	129,701	-	116,883	116,883
Repairs and maintenance	-	121,508	121,508	-	99,599	99,599
Bad debts	-	79,629	79,629	-	105,334	105,334
(Gain)/loss on disposal of fixed assets	-	58,839	58,839	-	(417)	(417)
Bank service charges	-	27,576	27,576	-	21,054	21,054
Utilities	-	11,122	11,122	-	12,904	12,904
Telephone	-	10,950	10,950	-	11,089	11,089
Meetings and entertainment	-	6,502	6,502	-	7,351	7,351
Postage	-	6,041	6,041	-	5,831	5,831
Publications	-	4,438	4,438	-	3,983	3,983
Memberships	-	2,712	2,712	-	4,560	4,560
Printing and copying	-	1,665	1,665	-	1,462	1,462
Transfers to projects	(268,376)	-	(268,376)	(354,492)	-	(354,492)
	<u>\$ 45,275,867</u>	<u>\$ 5,529,845</u>	<u>\$ 50,805,712</u>	<u>\$ 45,396,509</u>	<u>\$ 5,374,778</u>	<u>\$ 50,771,287</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Statements of Cash Flows

For the Years Ended June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in net assets	\$ 166,749	\$ 824,575
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities:		
Depreciation	1,110,678	1,225,346
(Gain)/loss on disposal of fixed assets	58,839	(417)
Unrealized (gain)/loss on investments	(228,768)	(123,063)
Bad debts	121,508	105,334
Changes in assets and liabilities:		
Grants and contracts receivable	(153,922)	(1,922,125)
Other research related receivables	(219,769)	87,316
Other receivables	73,311	201,143
Travel advances	139,585	(44,132)
Prepaid expenses	96,671	97,398
Accounts payable	(304,267)	10,499
Accrued expenses	445,487	26,279
Due to affiliate	(1,730,074)	(1,367,469)
Deferred revenue	<u>1,388,185</u>	<u>540,099</u>
Net cash provided by (used in) operating activities	<u>964,213</u>	<u>(339,217)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of property and equipment	(798,924)	(1,932,162)
Purchases of investments	(173,232)	(238,462)
Proceeds from sale of property and equipment	-	975
Proceeds from sale of investments	<u>175</u>	<u>-</u>
Net cash used in investing activities	<u>(971,981)</u>	<u>(2,169,649)</u>
NET DECREASE IN CASH AND CASH EQUIVALENTS	(7,768)	(2,508,866)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	<u>6,756,748</u>	<u>9,265,614</u>
CASH AND CASH EQUIVALENTS, END OF YEAR	<u>\$ 6,748,980</u>	<u>\$ 6,756,748</u>

See accompanying notes.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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, 2020 and 2019

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, 2020 and 2019

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, 2020 and 2019

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

New Accounting Pronouncements

During 2019, the Foundation adopted Accounting Standards Update (ASU) 2018-08, *Not-for-Profit Entities (Topic 958): Clarifying the Scope and Accounting Guidance for Contributions received and Contributions Made*, which clarifies and improves guidance about whether a transfer of assets is an exchange transaction or a contribution. The amendments in this ASU provide a more robust framework to determine when a transaction would be accounted for as a contribution under Subtopic 958-605 or as an exchange transaction accounted for under other guidance (for example, Topic 606). The amendments also provide additional guidance about how to determine whether a contribution is conditional or unconditional. The Foundation's management determined that the adoption of this guidance did not result in any changes to existing revenue recognition policies.

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 May 2014, the FASB issued ASU 2014-09, *Revenue from Contracts with Customers (Topic 606)*. This standard outlines a single comprehensive model for companies to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance, including industry-specific guidance. The core principle of the revenue model is that revenue is recognized when a customer obtains control of a good or service. A customer obtains control when it has the ability to direct the use of and obtain the benefits from the good or service. Transfer of control is not the same as transfer of risks and rewards, as it is considered in current guidance. The Foundation will also need to apply new guidance to determine whether revenue should be recognized over time or at a point in time. In August 2015, the FASB issued ASU 2015-14 which defers the effective date of ASU 2014-09 one year. ASU 2014-09, as deferred by ASU 2015-14, will be effective for annual reporting periods beginning after December 15, 2018, using either of two methods: (a) retrospective to each prior

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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

New Accounting Pronouncements (Continued)

reporting period presented with the option to elect certain practical expedients as defined within ASU 2014-09; or (b) retrospective with the cumulative effect of initially applying ASU 2014-09 recognized at the date of initial application and providing certain additional disclosures as defined in ASU 2014-09. In June 2020, FASB issued ASU 2020-05 which defers the effective date of this guidance for an additional year to annual reporting periods beginning after December 15, 2019. The Foundation has not yet selected a transition method and is currently evaluating the impact of the pending adoption of ASU 2014-09 on the financial statements.

NOTE 2. ACCOUNTS RECEIVABLE

Accounts receivable for grants and contracts consists of the following:

	<u>2020</u>	<u>2019</u>
Accounts receivable	\$ 12,482,655	\$ 12,469,241
Less reserve for uncollectible receivables	<u>(182,000)</u>	<u>(201,000)</u>
	<u>\$ 12,300,655</u>	<u>\$ 12,268,241</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>2020</u>	<u>2019</u>
Cash and cash equivalents	\$ 6,748,980	\$ 6,756,748
Less: deferred revenue	(5,865,463)	(4,477,278)
Accounts receivable	12,983,421	12,804,549
Operating investments	<u>9,066,010</u>	<u>8,664,185</u>
	<u>\$ 22,932,948</u>	<u>\$ 23,748,204</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 investments of \$3,785,646 and long-term investments of \$5,280,364.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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, 2020 and 2019.

<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	456	456	-	-
Total	<u>\$ 5,280,364</u>	<u>\$ 971,075</u>	<u>\$ 4,309,289</u>	<u>\$ -</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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

<u>Description</u>	<u>Fair Value at 06/30/19</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	\$ 4,036,738	\$ -	\$ 4,036,738	\$ -
Mutual funds	892,788	892,788	-	-
Common stock	<u>456</u>	<u>456</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 4,929,982</u>	<u>\$ 893,244</u>	<u>\$ 4,036,738</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 – marketable funds pricing and valuation processes are built upon a base of independent third-party pricing. Independent third-party pricing sources are used to price all security position for which a readily determinable market price is available. Investments in third party investment funds are valued based on the most recent Net Asset Value by the fund.

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, 2020 and 2019 are certificates of deposit totaling \$3,785,646 and \$3,734,203, respectively.

NOTE 5. RELATED PARTY TRANSACTIONS

	<u>2020</u>	<u>2019</u>
Old Dominion University:		
Payables	\$ 3,074,541	\$ 2,289,558
Receivables	2,524,452	3,162,177
Receipts	12,488,256	10,082,829
Disbursements	9,255,356	9,091,637

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.

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

NOTE 5. RELATED PARTY TRANSACTIONS (Concluded)

The other related entity is the Virginia Commercial Space Flight Authority (VCSFA). Prior to FY2020, the Foundation was the fiscal agent for VCSFA. In FY2020, VCSFA began managing the administrative tasks previously performed by the Foundation and, as of June 30, 2020, no longer qualifies as a related party. The Due to VCSFA was the balance of cash held by the Foundation for VCSFA's current operational expenses. The balance in the Deposits held for VCSFA represented cash available to be invested in the near term. This entity operated as a separate organization; therefore, their transactions were excluded from these financial statements.

	2020	2019
VCSFA:		
Due to VCSFA	\$ -	\$ 1,730,074
Deposits held for VCSFA	-	-
Administrative fees charged	6,802	80,482

NOTE 6. NET ASSETS

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

	2020	2019
Applied Marine Research Laboratory		
Operations Funds	\$ 303,217	\$ 294,464
Other Cost Centers Fund	(329,775)	38,635
Old Dominion University Indirect		
Cost Allocation Fund	10,652,634	10,396,639
Other Old Dominion University		
Designated Funds	<u>5,600,427</u>	<u>5,495,329</u>
	<u>\$ 16,226,503</u>	<u>\$ 16,225,067</u>

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

	2020	2019
Undesignated General Funds	\$ (1,681,677)	\$ (1,764,220)
Designated Foundation Reserve Funds	<u>2,396,995</u>	<u>1,943,632</u>
	<u>\$ 715,318</u>	<u>\$ 179,412</u>

(Continued)

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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, 2020 and 2019 was \$1,116,640 and \$1,022,267, respectively.

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 April 1, 2007 and terminating as jointly agreed by both parties. The agreement was extended through April 30, 2019 and currently operates on a month-to-month basis. The Foundation also leases office equipment under noncancellable operating lease agreements. The estimated future commitments for these leases as of June 30, 2020, are as follows:

2021	\$	20,493
2022		18,621
2023		<u>3,073</u>
	\$	<u>42,187</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, 2020 and 2019 were \$500,137 and \$472,150, 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 \$268,376 and \$354,492 for the years ended June 30, 2020 and 2019, respectively.

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Notes to Financial Statements

June 30, 2020 and 2019

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 \$512,094 and \$440,524 for the years ended June 30, 2020 and 2019, 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 \$737,955 and \$737,955 as of June 30, 2020 and 2019.

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, 2020 and 2019.

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, 2020 and 2019

NOTE 14. SUBSEQUENT EVENTS

The Foundation has evaluated all events and transactions for potential recognition or disclosure through September 9, 2020, 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.

SUPPLEMENTAL INFORMATION

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Operating Funds

Year Ended June 30, 2020 With Comparative Totals for the Year Ended June 30, 2019

	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	2020	2019
PUBLIC SUPPORT AND REVENUES														
Direct revenue	\$ -	\$ 3,125	\$ 83,787	\$ 746,489	\$ 609,693	\$ -	\$ 1,443,094	\$ 31,911,135	\$ 7,902,793	\$ 156,230	\$ 39,970,158	\$ -	\$ 41,413,252	\$ 41,933,440
Indirect cost revenue	-	-	-	-	-	-	-	7,198,028	1,264,175	68,845	8,531,048	-	8,531,048	8,612,131
Interfund revenue	-	34,786	235,139	(388,565)	736,885	-	618,245	203,209	-	-	203,209	(821,454)	-	-
Administration fee	6,802	-	-	-	-	-	6,802	-	-	-	-	-	6,802	80,482
Contributed services	-	-	-	-	512,094	-	512,094	-	-	-	-	-	512,094	440,524
Interest and investment income	452,648	-	-	-	-	-	452,648	-	-	-	-	-	452,648	442,122
Memberships	-	-	-	-	-	-	-	-	14,750	-	14,750	-	14,750	14,000
Other	41,867	-	-	-	-	-	41,867	-	-	-	-	-	41,867	73,163
Total public support and revenues	501,317	37,911	318,926	357,924	1,858,672	-	3,074,750	39,312,372	9,181,718	225,075	48,719,165	(821,454)	50,972,461	51,595,862
EXPENSES														
Program expenses:														
Salaries and wages	-	-	67,672	1,661,253	943,059	-	2,671,984	15,733,885	3,910,109	206,479	19,850,473	(87,318)	22,435,139	20,959,912
Fringe benefits	-	-	27,566	482,603	296,829	-	806,998	4,164,477	1,109,700	43,629	5,317,806	(34,442)	6,090,362	5,678,009
Supplies	-	20,327	134,985	241,800	258,128	-	655,240	1,078,391	224,343	13,175	1,315,909	(336)	1,970,813	2,165,406
Contractual services	-	7,641	401,743	362,560	74,945	-	846,889	1,406,951	271,665	48,246	1,726,862	(5,000)	2,568,751	2,354,358
Property rental	-	-	-	1,272	-	-	1,272	51,840	19,216	-	71,056	-	72,328	49,384
General expense	-	1,088	45,082	1,208,286	255,296	-	1,509,752	672,076	190,316	29,808	892,200	(180,564)	2,221,388	2,000,212
Transfers to projects	-	-	-	-	-	-	-	-	-	-	-	(268,376)	(268,376)	(354,492)
Travel	-	102	10,190	244,622	231,924	-	486,838	746,101	162,015	40,649	948,765	-	1,435,603	2,367,311
Subcontracts	-	-	-	47,972	71,972	-	119,944	3,118,365	756,318	119,482	3,994,165	-	4,114,109	4,583,951
Tuition	-	-	-	9,274	47,233	-	56,507	1,735,228	70,386	3,452	1,809,066	-	1,865,573	1,386,819
Other expenses	-	-	98	4,601	7,276	-	11,975	2,312,007	683,154	8,459	3,003,620	(245,418)	2,770,177	4,205,639
Total program expenses	-	29,158	687,336	4,264,243	2,186,662	-	7,167,399	31,019,321	7,397,222	513,379	38,929,922	(821,454)	45,275,867	45,396,509
SUPPORTING EXPENSES	4,060,554	-	-	-	-	-	4,060,554	-	-	-	-	-	4,060,554	3,901,856
Total expenses	4,060,554	29,158	687,336	4,264,243	2,186,662	-	11,227,953	31,019,321	7,397,222	513,379	38,929,922	(821,454)	49,336,421	49,298,365
CHANGE IN NET ASSETS BEFORE NON-BUDGETED SUPPORTING EXPENSES	(3,559,237)	8,753	(368,410)	(3,906,319)	(327,990)	-	(8,153,203)	8,293,051	1,784,496	(288,304)	9,789,243	-	1,636,040	2,297,497
NON-BUDGETED SUPPORTING EXPENSES	1,469,291	-	-	-	-	-	1,469,291	-	-	-	-	-	1,469,291	1,472,922
CHANGE IN NET ASSETS	(5,028,528)	8,753	(368,410)	(3,906,319)	(327,990)	-	(9,622,494)	8,293,051	1,784,496	(288,304)	9,789,243	-	166,749	824,575
NET ASSETS, BEGINNING OF YEAR	179,412	294,464	38,635	10,396,639	5,495,329	3,271,795	19,676,274	-	-	-	-	-	19,676,274	18,851,699
TRANSFERS														
Invested in plant, net	58,839	-	-	(105,975)	-	740,085	692,949	(574,256)	(118,693)	-	(692,949)	-	-	-
Depreciation expense	1,110,678	-	-	-	-	(1,110,678)	-	-	-	-	-	-	-	-
Indirect cost transfers	4,119,469	-	-	4,268,289	433,088	-	8,820,846	(7,456,065)	(1,295,936)	(68,845)	(8,820,846)	-	-	-
Funds designated from restricted fund	275,448	-	-	-	-	-	275,448	(262,730)	(369,867)	357,149	(275,448)	-	-	-
NET ASSETS, END OF YEAR	\$ 715,318	\$ 303,217	\$ (329,775)	\$ 10,652,634	\$ 5,600,427	\$ 2,901,202	\$ 19,843,023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,843,023	\$ 19,676,274

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedules of Supporting Expenses

For the Years Ended June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
Personnel services	\$ 2,351,658	\$ 2,194,715
Fringe benefits	1,074,897	1,018,962
Professional services	154,018	254,550
Insurance and bonds	132,324	116,883
Rental	131,635	132,919
Maintenance services	103,470	59,702
Supplies	28,297	32,259
Bank service charges	26,355	21,054
Travel	16,563	26,956
Telephone	10,406	10,557
Miscellaneous	9,574	10,420
Meetings and entertainment	6,502	7,043
Postage	6,041	5,831
Publications and subscriptions	4,438	3,983
Professional memberships	2,711	4,560
Printing and copying	<u>1,665</u>	<u>1,462</u>
 Total supporting expenses	 <u>\$ 4,060,554</u>	 <u>\$ 3,901,856</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
<u>Research and Development Cluster</u>						
<u>Corporation for National and Community Service</u>						
Pass-Through Programs from:						
94.006	Western Washington University	AmeriCorps	190221	\$ 17,217		*
Subtotal Pass-Through Programs				\$ 17,217		
Total Corporation for National and Community Service				\$ 17,217		
<u>U.S. Department of Homeland Security</u>						
Pass-Through Programs from:						
97.039	VA Institute of Marine Science	Hazard Mitigation Grant	722232-712685	\$ 31,696		*
97.061	University of Illinois (All Campuses)	Centers for Homeland Security	077083-17277	78,083		*
97.061	University of North Carolina	Centers for Homeland Security	5101653	16,112		*
(1)	Hampton Roads Planning District Commission	Risk and Decision Analytic Support UASI THIRA	EM 2020-01	11,264		*
Subtotal Pass-Through Programs				\$ 137,155		
Total U.S. Department of Homeland Security				\$ 137,155		
<u>U.S. Department of Commerce</u>						
Direct Programs:						
11.020	Economic Development Administration	Cluster Grants	ED19HDQ0200096	\$ 158,061		*
11.431	National Oceanic and Atmospheric Administration	Climate and Atmospheric Research	NA19OAR4310309	40,102		*
11.433	National Oceanic and Atmospheric Administration	Marine Fisheries Initiative	NA16NMF4330160	6,461		*
11.433	National Oceanic and Atmospheric Administration	Marine Fisheries Initiative	NA18NMF4330243	24,960		*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	NA18NOS4780176	154,229		*
11.478	National Oceanic and Atmospheric Administration	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	NA18NOS4780176	25,091		*
Subtotal Direct Programs				\$ 408,904		
Pass-Through Programs from:						
11.008	Consortium for Ocean Leadership, Inc.	NOAA Mission-Related Education Awards	SA-20-05	\$ 9,000		*
11.008	Elizabeth River Project (Living River Restoration Trust)	NOAA Mission-Related Education Awards	#1	982		*
11.012	State University of New Jersey (All Campuses)	Integrated Ocean Observing System (IOOS)	6168	191,819	\$ 8,029	*
11.012	University of Delaware	Integrated Ocean Observing System (IOOS)	56336	41,525		*
11.303	VA Polytechnic Institute and State University	Economic Development Technical Assistance	545229-19076	4,725		*
11.417	Michigan Tech University	Sea Grant Support	1703012Z1	13,968		*
11.417	VA Institute of Marine Science	Sea Grant Support	71856U-712684	1,488		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
11.417	VA Institute of Marine Science	Sea Grant Support	721545-712684	23,183		*
11.417	VA Institute of Marine Science	Sea Grant Support	721584-712684	12,594		*
11.478	Bishop Museum	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	310845-NOAA AS-ODU	1,290		*
11.478	VA Institute of Marine Science	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	720364-712683	33,202		*
11.478	VA Institute of Marine Science	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	721733-712685	30,497		*
11.482	National Fish and Wildlife Foundation	Coral Reef Conservation Program	0302.18.060888	49,877		*
(1)	Mitre Corporation	Telemedicine Consulting	2-128386	15,977		*
(1)	Nalu Scientific	Design and Fabrication of OLEAS: Oceanographic Lidar for Environmental Assessment	190400	18,461		*
Subtotal Pass-Through Programs				\$ 448,588		
Total U.S. Department of Commerce				\$ 857,492		
U.S. Department of Defense						
Direct Programs:						
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	\$ 31,628		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	47,534		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	30,050		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	44,474		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	17-812	21,382		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	HQ00341810010	41,240		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-16-1-2819	13,431		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2668	36,750		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2682	357,708		*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-18-1-2804	236,578	195,288	*
12.300	Office of Naval Research	Basic and Applied Scientific Research	N00014-20-1-2065	79,575		*
12.300	Office of the Secretary of Defense	Basic and Applied Scientific Research	HQ00342010012	17,158		*
12.420	Army Medical Research and Materials Command	Military Medical Research and Development	W81XWH-17-1-0452	273,037		*
12.431	Army Contracting Command	Basic Scientific Research	W909MY-17-1-0002	144,404	83,399	*
12.431	Army Research Office	Basic Scientific Research	W911NF-17-1-0443	82,327		*
12.800	Air Force Office of Scientific Research (AFOSR)	Air Force Defense Research Sciences Program	FA9550-17-1-0196	42,368		*
12.800	Air Force Research Laboratory	Air Force Defense Research Sciences Program	FA9550-17-1-0257	107,656		*
12.903	National Security Agency	GenCyber Grants Program	H98230-19-1-0122	82,003		*
12.905	National Security Agency	CyberSecurity Core Curriculum	H98230-17-1-0410	730		*
12.910	Air Force Material Command	Research and Technology Development	FA8750-18-1-0075	397,144	132,428	*
(1)	Strategic Environmental Research & Development Program (SERDP)	Next-Gen Rainfall IDF Curves for the Virginian Drainage Area of Chesapeake Bay	W912HQ18C0061	24,003		*
(1)	Joint Non-Lethal Weapons Directorate	IPA Brian Long	200402	26,688		*
(1)	Joint Non-Lethal Weapons Directorate	Active Denial System SME	M6785420P7200	111,350		*
(1)	Naval Air Warfare Center Tsd	DOD Modeling and Simulation Technology Readiness	N6134019C0011	45,919		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
(1)	Naval Sea Systems Command	Automation Tools and Analytics Courses for the Naval Shipyard	GS-10F-097CA	464,278		*
(1)	Naval Sea Systems Command	Automation Tools & Analytics Courses for the Naval Shipyard Project Extension	N002418FB057 P0001	272,622		*
(1)	Navsup Fleet Logistics Center Norfolk	CCO Beyond Convergence Phase 5 Western Hemisphere	N00189-16-P-Z854	121,343	119,482	*
(1)	Navsup Fleet Logistics Center Norfolk	Joint Forces Staff College Senior Fellows Program	N00189-17-P-Z080	63,613		*
(1)	Navsup Fleet Logistics Center Norfolk	Western Hemisphere Illicit Network Review	N0018919PZ962	369,341	349,863	*
(1)	Norfolk Naval Shipyard	Lean Six Sigma Training Space	N42158-16-P-N035	2,128		*
(1)	Norfolk Naval Shipyard	Lean Six Sigma Training Space	N4215819PN181	9,435		*
(1)	Office of Naval Research	Secure Distributed Digital Manufacturing	N00014-18-P-2019	106,868		*
Subtotal Direct Programs				\$ 3,704,765		
Pass-Through Programs from:						
12.000	Stevens Institute of Technology	QUANTIFYING MISSION IMPACT FOR TECHNOLOGY ALTERNATIVES	2102961-02	\$ 19,940		*
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	18-419	24,424		*
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	18-419	3,948		*
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	190438	132,052		*
12.002	Crater Planning District Commission	Procurement Technical Assistance for Business Firms	190438	34,169		*
12.300	Old Dominion University	Basic and Applied Scientific Research	N00014-19-1-2624	261,723		*
12.300	University of Cincinnati	Basic and Applied Scientific Research	012288-002	46,209		*
12.420	Embody	Military Medical Research and Development	18-473	42,083		*
12.556	Chesapeake Public Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connect Schools	CPS 15-816	25,209		*
12.556	York County Schools	Competitive Grants: Promoting K-12 Student Achievement at Military-Connect Schools	ODU-190226	24,239		*
12.611	Governor's Office	Community Economic Adjustment Assistance for Reductions in Defense Industry Employment	RA0690-16-04	148,225		*
12.617	Governor's Office	Economic Adjustment Assistance for State Governments	18-593	155,647		*
12.617	VA Department of Economic Development	Economic Adjustment Assistance for State Governments	190644	348,986		*
12.617	VA Department of Economic Development	Economic Adjustment Assistance for State Governments	190644	415,208	412,500	*
12.617	VA Department of Economic Development	Economic Adjustment Assistance for State Governments	190644	128,511		*
12.630	Commonwealth Center for Advanced Manufacturing	Basic, Applies, and Advanced Research in Science and Engineering	E-022	110,270		*
12.630	Norfolk State University	Basic, Applies, and Advanced Research in Science and Engineering	F1040077-01	75,772		*
12.630	Norfolk State University	Basic, Applies, and Advanced Research in Science and Engineering	FA1040077	218,558		*
12.630	Old Dominion University	Basic, Applies, and Advanced Research in Science and Engineering	w911NF1910461	311,450		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517	507,155	243,385	*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-10517/011	215,183		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517/012	166,972		*
12.800	Old Dominion University	Air Force Defense Research Sciences Program	FA9550-15-1-0517/013	233,724		*
12.903	Old Dominion University	GenCyber Grants Program	H98230-20-1-0111	8,987		*
12.910	Applied Research LLC	Research and Technology Development	112-1	99,644		*
12.910	North Carolina Agricultural and Technical Univ	Research and Technology Development	210225B	32,796		*
12.910	Pennsylvania State University	Research and Technology Development	6146-ODURF-ARO-0272	7,784		*
(1)	Iowa State University	Enabling Exascale Calculations for Electronic Structure Theory	130186.1	72,911		*
(1)	Lynntech, Inc.	Backpack Mountable Power Generator	AF-051	26,931		*
(1)	Semicyber, Llc	Quantum Algorithms for Sansec Sensors	190842	10,977		*
(1)	Alion Science and Technology Corporation	Human Viewpoint Support for Next Generation Combat Vehicle Models	SCR1146037	11,796		*
(1)	Great Lakes Systems and Technology	Self-Driving Electric Vehicle Robotic Tech Kernel	69-201815 GLS&T T01	78,212		*
(1)	Ohio State University	Data Intensive Machine Learning for Large-Scale Sensor Data Processing	60072317	44,518		*
(1)	Applied Research LLC	Aiding Target Recognition	115-1	11,064		*
(1)	Kadsci	SOCOM Interoperability	KADSCI 2019-02	3,750		*
(1)	Lockwood Hills	SME ADL Initiative	A20-000948	60,303		*
(1)	Qinetiq (MTEQ)	Capstone IDISPLA Army CERDEC Night Vision and Electronic Sensors Directorate	36318	2,400		*
(1)	Qinetiq (MTEQ)	Innovative Discovery Science Platform (IDISPLA) Research	41106	14,752		*
(1)	Qinetiq (MTEQ)	Innovative Discovery Science Platform (IDISPLA) Research	43842	5,317		*
(1)	VR Rehab, Inc.	Augmented Reality User Interfaces for Tactical Drones	ARDRONES-17-ODURF-1	14,403		*
(1)	Alex – Alternative Experts, LLC	Non-Lethal Fires Course Development	ODURF-5084	9,062		*
(1)	Camber Corporation	NIPO IPOET	3011	(61,130)		*
(1)	Camber Corporation	PRIOR	N00178-17-F-3011	264,999		*
(1)	Camber Corporation	IPOET	N00178-17-F-3011	146,808		*
(1)	Camber Corporation	ME&I (Travel/ODC)	N00178-17-F-3011	13,942		*
(1)	Camber Corporation	ME&I	N00178-17-F-3011	137,033		*
(1)	Camber Corporation	Task 4 Viking Labor	N00178-17-F-3011	73,961		*
(1)	Camber Corporation	Task 4 Viking Travel	N00178-17-F-3011	5,899		*
(1)	D'Angelo Technologies LLC	Advanced Ship-Handling Simulators	2018-11	26,629		*
(1)	Engility	Design AMD Impl Scalable Opt Kernels	PO-0008601-ACE-KY10-003	42,687		*
(1)	Frontier Technology Inc.	Cyber Risk and Resilience Analytics	ODU-19-208755-303	236,652		*
(1)	Prevailance, Inc.	Repurposing Computational Analyses of Tactics	DO-VMASC-20180410-00	(206)		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
(1)	Prevailance, Inc.	Repurposing Computational Analyses of Tactics Option	DO-VMASC-20190222-01	7,875		*
(1)	Prevailance, Inc.	Repurposing Computational Analyses of Tactics for Training Assessments	DO-VMASC-20190821-01	102,109		*
(1)	VR Rehab, Inc.	Rugged Touchscreen Button with Positive Indication Feedback	19-C-0155-ODU-PHII-BASE	42,266		*
(1)	VR Rehab, Inc.	Rugged Touchscreen Button with Positive Indication Feedback	19-C-0155-ODU-PHII-OPTION	20,715		*
Subtotal Pass-Through Programs				\$ 5,225,503		
Total U.S. Department of Defense				\$ 8,930,268		
<u>U.S. Department of Energy</u>						
Direct Programs:						
81.049	Brookhaven National Laboratory	Office of Science Financial Assistance Program	332888	\$ 43,560		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG02-96ER40960	1,006,947		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-FG0297ER41028	157,069		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DESC0010081 MOD7	210,512	76,036	*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0014397	24,800		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019125	29,599		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019149	67,882		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0019399	19,800		*
81.049	U.S. Department of Energy	Office of Science Financial Assistance Program	DE-SC0020183	9,511		*
(1)	Ames Research Labs	Enabling Games for Exoscale Computing	SC-18-462	141,242		*
(1)	Ames Research Labs	Development of Exascale Software for Interfacial Catalysis	SC-19-496	41,055		*
(1)	Brookhaven National Laboratory	EIC Background Studies and the Impact on the IR and Detector Design	341538	76,669		*
(1)	Fermi National Accelerator Laboratory	HL LHC Accelerator Upgrade	665989	48,862		*
(1)	Fermi National Accelerator Laboratory	Numerical Integration on GPUS	667742	8,245		*
(1)	Fermi National Accelerator Laboratory	HL- LHC Accelerator Upgrade FY18	PO 642567	203,858		*
(1)	Los Alamos National Laboratories	Circum-Antarctic Ocean/Sea Ice/Ice Shelf Model Configuration and Testing	432672	31,912		*
(1)	National Renewable Energy Laboratory	Evaluation of Flash Hydrolysis for High Protein Algal Biomass Deconstruction	XEJ-9-92352-01	3,368		*
(1)	Oak Ridge National Laboratory	Characterization of Natural Organic Matter by Advanced Analytical Techniques	4000158068	853		*
(1)	Oak Ridge National Laboratory	Novel Solid State Thermal-Magneto Generator Utilizing Low-Temp Geothermal Fluid	4000173321	59,279		*
(1)	Sandia National Laboratories	Sandia Flash Hydrolysis of Algae Biomass	1639572	19,757		*
Subtotal Direct Programs				\$ 2,204,780		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
	Pass-Through Programs from:					
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0018106	\$ 95,586		*
81.049	Old Dominion University	Office of Science Financial Assistance Program	DE-SC0019229	139,167		*
81.087	Colorado School Of Mines	Renewable Energy Research and Development	401230-5802	2,233		*
81.087	Colorado School Of Mines	Renewable Energy Research and Development	401234-5801	102,331		*
81.087	South Dakota School Of Mines And Technology	Renewable Energy Research and Development	SDSMT-ODU 19-06 R1	59,681		*
81.089	Old Dominion University	Fossil Energy Research and Development	DE-FE0031744	31,774		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078260-15890	205,886		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	29,347		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	31,376		*
81.122	University of Illinois (All Campuses)	Electricity Delivery and Energy Reliability, Research, Development and Analysis	078620-15890	47,885		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Faculty Salaries	17-C1093	737,160		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	Huang Support	17-C1093	93,468		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JSA Physics GRA Support FY18	17-C1150	144,425		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	N Sayeed Support	17-C1150	29,905		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Alanazi	17-C1150	7,533		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Sakiotis	17-C1150	7,408		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Angelopoulos	17-C1150	6,339		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Tomadakis	17-C1150	5,891		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Farhat	17-C1150	15,155		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Palacios-Serrano	17-C1150	14,159		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Vidyaratne	17-C1150	3,929		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Stefani	17-C1150	13,500		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Dhital	17-C1150	3,446		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Senevirathne	17-C1150	6,891		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Neththikumara	17-C1150	13,782		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Tiskumara	17-C1150	10,712		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Yoskowitz	17-C1150	13,782		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Makita	17-C1150	10,715		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Pathriana	17-C1150	1,775		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Parajuli	17-C1150	6,891		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Wijethunga	17-C1150	9,240		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Li	17-C1150	13,637		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Rahman	17-C1150	6,793		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Khanal	17-C1150	3,042		*
(1)	Jefferson Science Associates, LLC (Jefferson Lab)	JLab Electron Microscop Support	20-M0157	210		*
(1)	VA Department of Mines, Minerals, and Energy	DMME Offshore Wind Support	C20-6012	352,482		*
Subtotal Pass-Through Programs				\$ 2,277,536		
Total U.S. Department of Energy				\$ 4,482,316		
<u>U.S. Department of the Interior</u>						
Direct Programs:						
15.676	U.S. Fish and Wildlife Services	Youth Engagement, Education, and Employment (YEEEP)	F15AC01153	\$ 10,976		*
Subtotal Direct Programs				\$ 10,976		
Pass-Through Programs from:						
15.153	Old Dominion University	Hurricane Sandy Disaster Relief – Coastal Resiliency Grants	14-463	\$ 42		*
15.423	State University of New Jersey (All Campuses)	Bureau of Ocean Energy Management (BOEM) Environmental Studies Program (ESP)	1173 PO1200670	4,041		*
15.634	Florida Fish & Wildlife Conservation Commission	State Wildlife Grants	17001	7,805		*
15.945	East Carolina University	Cooperative Research and Training Programs - Resources of the National Park System	A20-0062-S001	9,196		*
15.945	Old Dominion University	Cooperative Research and Training Programs - Resources of the National Park System	P19AC01077	60,188	17,565	*
Subtotal Pass-Through Programs				\$ 81,272		
Total U.S. Department of the Interior				\$ 92,248		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
<u>U.S. Department of Justice</u>						
Direct Programs:						
16.560	National Institute of Justice	National Institute of Justice Research, Evaluation, and Development Project Grants	2016-IJ-CX-0020	\$ 69,906		*
16.560	National Institute of Justice	National Institute of Justice Research, Evaluation, and Development Project Grants	2018-75-CX-0002	148,321	40,506	*
Subtotal Direct Programs				\$ 218,227		
Total U.S. Department of Justice				\$ 218,227		
<u>U.S. Department of Transportation</u>						
Pass-Through Programs from:						
20.701	University Of Virginia	University Transportation Centers Program	GG11746 146796	\$ 13,677		*
(1)	George Mason University	Corridor Based Tolling Strategies	E2047272	62,493		*
(1)	Leidos	Effectiveness of TMC AI Applications	PO10218987	45,022		*
(1)	Va Transportation Research Council	RNS 20-1: Development of Guidelines for Collecting Transit Ridership Data	116838	2,950		*
(1)	Va Transportation Research Council	RNS 20-3: Incorporating the 10th Edition ITE Rates into VDOT Regulations	VTRC 116549	12,538		*
(1)	Va Transportation Research Council	RNS 20-2: What is an Effective Way to Measure Arterial Demand When It Exceeds Ca	VTRC 116572	32,437		*
(1)	Va Transportation Research Council	RNS 20-5: Supporting Transportation System Management and Operations Using Inter	VTRC 116689	16,768		*
(1)	The National Academies	NAS ACRP Grad Research Award Mod#2	A11-04	477,689	25,155	*
Subtotal Pass-Through Programs				\$ 663,574		
Total U.S. Department of Transportation				\$ 663,574		
<u>U.S. Department of Education</u>						
Direct Programs:						
84.324A	U.S. Department of Education	Special Education Research Grants	R324A160277	\$ 274,596	7,153	*
84.325K	U.S. Department of Education	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	H325K150208	225,985		*
84.411C	U.S. Department of Education	Education Innovation and Research (EIR) -- (Early-phase grants)	U411C190032	281,076	16,738	*
Subtotal Direct Programs				\$ 781,657		
Pass-Through Programs from:						
84.051F	Old Dominion University	Office of Career, Technical, and Adult Education (OCTAE): Perkins Innovation and Modernization Grant Program	V051F190072	\$ 74,190		*
84.184F	Old Dominion University	School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)	876-60029-S184F180014	82,116		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
84.184F	Old Dominion University	School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)	876-61400-S184F140020-17	71,285		*
84.323A	Old Dominion University	Special Education - State Personnel Development	2015-876-61270-H323A120026	(1,382)		*
84.323A	Old Dominion University	Special Education - State Personnel Development	2017-876-60300-H323A170018	518,414		*
84.325H	East Carolina University	Leadership Consortia in Sensory Disabilities and Disabilities Associated with Intensive Service Needs	AWD-20-0512-S008-A01	50,636		*
84.325K	Virginia Commonwealth University	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	FP00005771_SA002	8,664		*
84.326S	University of Oregon	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	282070A	317,833		*
84.335A	Old Dominion University	Child Care Access Means Parents in School (CCAMPIS) Program	P335A190335	24,355		*
84.365Z	Old Dominion University	OELA - National Professional Development (NPD) program	T365Z160151	394,797		*
84.424A	Old Dominion University	Student Support and Academic Enrichment Program	S424A170048	41,788		*
		Subtotal Pass-Through Programs		\$ 1,582,696		
		Total U.S. Department of Education		\$ 2,364,353		
	<u>Environmental Protection Agency</u>					
	Pass-Through Programs from:					
66.516	Virginia Wesleyan College	P3 Award: National Student Design Competition for Sustainability	190775	\$ 1,208		*
		Subtotal Pass-Through Programs		\$ 1,208		
		Total Environmental Protection Agency		\$ 1,208		
	<u>U.S. Department of Health and Human Services</u>					
	Direct Programs:					
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	1 R21 ES029309-02	\$ 37,510		*
93.113	U.S. Public Health Service (Including NIH)	Environmental Health	5R21ES030528-02	218,059		*
93.124	U.S. Public Health Service (Health Resources And Services Ad	Nurse Anesthetist Traineeships	2 A22HP30949-03-00	18,917		*
93.173	U.S. Public Health Service (Including NIH)	Research Related to Deafness and Communication Disorders	U01DC014756	7,803		*
93.247	U.S. Department Of Health And Human Services	Advanced Nursing Education Grant Program	4 D09HP28668-03-01	3,821		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
93.247	U.S. Department Of Health And Human Services	Advanced Nursing Education Grant Program	T94HP30910-02-01	2,898		*
93.247	U.S. Public Health Service (Including NIH)	Advanced Nursing Education Grant Program	5 T94HP30910-02-00	137,747	6,793	*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	1K01AA023849-01A1	119,906		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	2R15AA020424-02	104,006		*
93.273	U.S. Public Health Service (Including NIH)	Alcohol Research Programs	5 R01 AA023197-04	226,512	70,764	*
93.279	U.S. Public Health Service (Including NIH)	Drug Abuse and Addiction Research Programs	5R01DA039904-05	371,828	214,700	*
93.283	Centers For Disease Control And Prevention (Dhhs)	Centers for Disease Control and Prevention Investigations and Technical Assistance	200-2018-M-00751	1,238		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	1R01EB023878-01A1	55,809		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-03S1	691		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-04S1	160,350	81,594	*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	3R01EB020683-04S2	5,997		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	5 R01 EB018956-04	23,914		*
93.286	U.S. Public Health Service (Including NIH)	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB020683-03	205,548	57,817	*
93.307	U.S. Public Health Service (Including NIH)	Minority Health and Health Disparities Research	1R01MD012598-01A1	180,871		*
93.359	U.S. Public Health Service (Health Resources and Services Admin)	Nurse Education, Practice Quality and Retention Grants	1 U2 VHP33063-01-00	352,585		*
93.393	U.S. Public Health Service (Including NIH)	Cancer Cause and Prevention Research	1R21CA229939-01	204,419		*
93.395	U.S. Public Health Service (Including NIH)	Cancer Treatment Research	5R01CA186730-05	66,074		*
93.395	U.S. Public Health Service (Including NIH)	Cancer Treatment Research	R01CA196796-04	69,479	27,541	*
93.732	U.S. Department of Health and Human Services	Mental and Behavioral Health Education and Training Grants	5M01HP31324-02-00	78,633		*
93.732	U.S. Public Health Service (Health Resources And Services Admin)	Mental and Behavioral Health Education and Training Grants	5M01HP31324-03-00	337,012		*
93.732	U.S. Public Health Service (Health Resources And Services Ad	Mental and Behavioral Health Education and Training Grants	T97HP33393-01-02	100,733		*
93.837	U.S. Public Health Service (Including NIH)	Cardiovascular Diseases Research	5R01HL128381-03	288,835		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
93.837	U.S. Public Health Service (Including NIH)	Cardiovascular Diseases Research	5R21HL127580-02	90,485		*
93.855	U.S. Department of Health and Human Services	Allergy, Immunology, and Transplantation Research	R01AI136035	457,512	238,460	*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	1K22AI18929-01	1,289		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	5R01AI141790-02	111,676		*
93.855	U.S. Public Health Service (Including NIH)	Allergy, Immunology, and Transplantation Research	RO1AI130116	294,766		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM116082-01	2,528		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM119063-01A1	83,372		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM119116-01	77,135		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1R15GM131330-01	143,403		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	1T34GM118259-01A1	6,231		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	2R01GM062968-10	260,621		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	3R15GM119116-01S1	2,137		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-02	270,456		*
93.859	U.S. Public Health Service (Including NIH)	Biomedical Research and Research Training	5T34GM118259-03	11,321		*
93.865	U.S. Public Health Service (Including NIH)	Child Health and Human Development Extramural Research	5 R03 HD090387-02	10,094		*
		Subtotal Direct Programs		\$ 5,204,221		
	Pass-Through Programs from:					
93.226	University of Colorado	Research on Healthcare Costs, Quality and Outcomes	FY19.291.001	\$ 8,070		*
93.247	Western Carolina University	Advanced Nursing Education Grant Program	A18-0005-S005	5,018		*
93.286	University of South Florida	Discovery and Applied Research for Technological Innovations to Improve Human Health	6100-1000-00-A	9,138		*
93.393	The Wistar Institute	Cancer Cause and Prevention Research	24512-03-319	14,315		*
93.855	University of California (All Campuses)	Allergy, Immunology, and Transplantation Research	2020-1258	4,843		*
93.859	College of William and Mary	Biomedical Research and Research Training	743311-712687	11,332		*
93.859	Michigan State University	Biomedical Research and Research Training	RC106661OD	116,081		*
93.884	Eastern Virginia Medical School	Grants for Primary Care Training and Enhancement	S151311	46,063		*
93.884	Eastern Virginia Medical School	Grants for Primary Care Training and Enhancement	S151311 #2	6,173		*
		Subtotal Pass-Through Programs		\$ 221,033		
		Total U.S. Department of Health and Human Services		\$ 5,425,254		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
<u>Institute of Museum and Library Services</u>						
Direct Programs:						
45.312	Institute of Museum and Library Services	National Leadership Grants	LG-71-15-0077-15	\$ (1)		*
Subtotal Direct Programs				\$ (1)		
Pass-Through Programs from:						
45.312	VA Polytechnic Institute and State University	National Leadership Grants	451593-19076	\$ 16,609		*
45.313	University of Maryland	Laura Bush 21st Century Librarian Program	40279-Z9281101	14,089		*
45.313	VA Polytechnic Institute and State University	Laura Bush 21st Century Librarian Program	545262-19076	6,099		*
Subtotal Pass-Through Programs				\$ 36,797		
Total Institute of Museum and Library Sciences				\$ 36,796		
<u>National Aeronautics and Space Administration</u>						
Direct Programs:						
43.001	Langley Research Center	Science	NNX15AW39G S06	\$ 1,694		*
43.001	NASA Goddard Spaceflight Center	Science	NNX16AB51G	67,797		*
43.001	NASA Goddard Spaceflight Center	Science	NNX16AG44G	2,130		*
43.001	NASA Goddard Spaceflight Center	Science	NNX17AH01G	183,016		*
43.001	NASA/Headquarters	Science	80NSSC17K0564	43,817	39,831	*
43.001	NASA/Headquarters	Science	80NSSC18K0240	136,101		*
43.001	NASA/Headquarters	Science	80NSSC19K0417	82,300		*
43.001	NASA/Headquarters	Science	80NSSC20K0482	46,983		*
43.002	Langley Research Center	Aeronautics	NNX15AU39A	45,321	4,006	*
43.003	Langley Research Center	Exploration	80NSSC18M0050	241,523		*
43.003	Langley Research Center	Exploration	80NSSC20M0090	45,665		*
43.007	Langley Research Center	Space Operations	NNX14AI77A	128,260		*
43.008	Ames Research Labs	Education	NNX16AT14H	5,444		*
43.008	Langley Research Center	Education	80NSSC20M0056	59,800		*
43.008	NASA Goddard Spaceflight Center	Education	18-391	3,821		*
43.008	NASA Goddard Spaceflight Center	Education	190508	9,764		*
43.008	NASA Goddard Spaceflight Center	Education	190621	6,423		*
43.008	NASA Goddard Spaceflight Center	Education	190641	4,600		*
43.008	NASA Goddard Spaceflight Center	Education	200401	262		*
43.008	NASA Goddard Spaceflight Center	Education	200589	1,472		*
43.008	NASA Goddard Spaceflight Center	Education	NNX15AI20H	720,088	51,579	*
43.008	NASA Goddard Spaceflight Center	Education	NNX16Ai80a	1,032	1,032	*
43.009	Langley Research Center	Cross Agency Support	NNX15AI50G	99,819		*
(1)	Jet Propulsion Laboratory	Identifying, Quantifying, and Projecting Decadal Sea Level Change	1634909	25,000		*
Subtotal Direct Programs				\$ 1,962,132		

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
Pass-Through Programs from:						
43.001	Pennsylvania State University	Science	5023-ODURF-NASA-F93G	\$ (1)		*
43.008	Hampton University	Education	HU-160020	62,735		*
43.008	National Institute of Aerospace	Education	201001-ODURF	65,800		*
43.008	National Institute of Aerospace	Education	201017-ODURF	65,137		*
43.008	National Institute of Aerospace	Education	201190-ODURF	23,319		*
43.008	National Institute of Aerospace	Education	401006_ODURF	18,376		*
43.008	National Institute of Aerospace	Education	401014_ODURF	85,338		*
43.008	National Institute of Aerospace	Education	401015-ODURF	15,818		*
(1)	National Institute of Aerospace Associates (NIA)	TD-Fast (Time Domain Fast Acoustic Scattering Toolkit) App and Enhancement	T13-6500-ODU-601051	51,232		*
(1)	National Institute of Aerospace Associates (NIA)	TD-Fast (Time Domain Fast Acoustic Scattering Toolkit) Enhancement Utilization	T13-6500-ODU-601064	38,855		*
(1)	National Institute of Aerospace Associates (NIA)	Director of Graduate Programs, National Institute of Aerospace	X17-0810-ODU	112,955		*
(1)	Polyk Technologies, LLC	Long Life Long Stroke Low Power & High Torque-Force Actuators Extreme Space Envi	PK-S1901	28,052		*
(1)	Virginia State University	Donor Materials Welding Blisks	R000058	16,325		*
Subtotal Pass-Through Programs				\$ 583,941		
Total National Aeronautics and Space Administration				\$ 2,546,073		
<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	\$ 7,882	903	*
45.169	National Endowment for the Humanities	Promotion of the Humanities Office of Digital Humanities	HAA-256368-17	23,141		*
Subtotal Direct Programs				\$ 31,023		
Pass-Through Programs from:						
45.024	Arts Midwest	Promotion of the Arts_Grants to Organizations and Individuals	18-294	\$ 2		*
Subtotal Pass-Through Programs				\$ 2		
Total National Endowment for the Humanities				\$ 31,025		
<u>National Science Foundation</u>						
Direct Programs:						
47.041	National Science Foundation	Engineering Grants	1450936	\$ 926		*
47.041	National Science Foundation	Engineering Grants	1537100	2,432		*
47.041	National Science Foundation	Engineering Grants	1560194	60,812		*
47.041	National Science Foundation	Engineering Grants	1640593	9,926		*
47.041	National Science Foundation	Engineering Grants	1640593	6,153		*
47.041	National Science Foundation	Engineering Grants	1825338	51,721		*
47.041	National Science Foundation	Engineering Grants	1825338	14,843		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
47.041	National Science Foundation	Engineering Grants	1832788	22,072		*
47.041	National Science Foundation	Engineering Grants	1839378	91,654		*
47.041	National Science Foundation	Engineering Grants	1840458	47,454		*
47.041	National Science Foundation	Engineering Grants	1921363	37,762		*
47.041	National Science Foundation	Engineering Grants	1921364	22,775		*
47.041	National Science Foundation	Engineering Grants	1925806	51,232		*
47.041	National Science Foundation	Engineering Grants	1936005	30,696		*
47.041	National Science Foundation	Engineering Grants	1953411	177		*
47.041	National Science Foundation	Engineering Grants	EEC-1723314	148,797	72,871	*
47.041	National Science Foundation	Engineering Grants	nsf ebet1351413	2,405		*
47.041	National Science Foundation	Engineering Grants	NSF CBET1450936	30,116		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1535641	51,069		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1606743	117,540		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1610021	16,215		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1632749	46,388		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1659177	48,358		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1659476	61,566		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1708717	72,086		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1709714	23,314		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1800141	889		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1808609	89,376		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1839457	3,456		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1847771	91,307		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1909268	24,641		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1912958	49,944		*
47.049	National Science Foundation	Mathematical and Physical Sciences	1950141	25,360		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF 1517519	20,538		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF CHE 1431172	17,512		*
47.049	National Science Foundation	Mathematical and Physical Sciences	NSF DMS-1720408	52,121		*
47.049	National Science Foundation	Mathematical and Physical Sciences	PHY-1416051	21,589		*
47.050	National Science Foundation	Geosciences	1543018	41,375		*
47.050	National Science Foundation	Geosciences	1543483	48,272		*
47.050	National Science Foundation	Geosciences	1551195	11,431	5,153	*
47.050	National Science Foundation	Geosciences	1558741	40,624		*
47.050	National Science Foundation	Geosciences	1600062	51,002		*
47.050	National Science Foundation	Geosciences	1603548	35,803		*
47.050	National Science Foundation	Geosciences	1635403	203,512		*
47.050	National Science Foundation	Geosciences	1636045	115,939		*
47.050	National Science Foundation	Geosciences	1643386	16,692		*
47.050	National Science Foundation	Geosciences	1643652	65,855		*
47.050	National Science Foundation	Geosciences	1658069	19,032		*
47.050	National Science Foundation	Geosciences	1658318	173,161		*
47.050	National Science Foundation	Geosciences	1659543	90,761		*
47.050	National Science Foundation	Geosciences	1701380	35,715		*
47.050	National Science Foundation	Geosciences	1737342	104,730		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
47.050	National Science Foundation	Geosciences	1745011	19,722		*
47.050	National Science Foundation	Geosciences	1745214	4,464		*
47.050	National Science Foundation	Geosciences	1756590	90,320		*
47.050	National Science Foundation	Geosciences	1756669	80,649		*
47.050	National Science Foundation	Geosciences	1803933	83,019		*
47.050	National Science Foundation	Geosciences	1829833	91,032		*
47.050	National Science Foundation	Geosciences	1833201	91,429		*
47.050	National Science Foundation	Geosciences	1850925	110,994		*
47.050	National Science Foundation	Geosciences	1851368	78,684		*
47.050	National Science Foundation	Geosciences	1852759	2,519		*
47.050	National Science Foundation	Geosciences	1940268	7,514		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1526700	41,104		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1649676	84,035		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1659795	77,393		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1745632	53,018		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1745632	6,000		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1760347	12,192		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1829771	119,896		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1850045	71,887		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1932296	18,945		*
47.070	National Science Foundation	Computer and Information Science and Engineering	1950704	233		*
47.070	National Science Foundation	Computer and Information Science and Engineering	NSF CCF-1439079	199,052		*
47.071	National Science Foundation	Undergraduate Science, Engineering, and Mathematics Education	1351413	1,150		*
47.074	National Science Foundation	Biological Sciences	1455900	93,178		*
47.074	National Science Foundation	Biological Sciences	1557669	84,063		*
47.074	National Science Foundation	Biological Sciences	1802342	62,921	24,516	*
47.075	National Science Foundation	Social, Behavioral, and Economic Sciences	1949760	3,425		*
47.076	National Science Foundation	Education and Human Resources	1355678	(35)		*
47.076	National Science Foundation	Education and Human Resources	1623646	16,470		*
47.076	National Science Foundation	Education and Human Resources	1712251	59,632		*
47.076	National Science Foundation	Education and Human Resources	1723635	222,582		*
47.076	National Science Foundation	Education and Human Resources	1742118	171,123		*
47.076	National Science Foundation	Education and Human Resources	1742309	168,928		*
47.076	National Science Foundation	Education and Human Resources	1749566	3,558		*
47.076	National Science Foundation	Education and Human Resources	1753793	38,965		*
47.076	National Science Foundation	Education and Human Resources	1821658	169,852	2,000	*
47.076	National Science Foundation	Education and Human Resources	1833896	185,277		*
47.076	National Science Foundation	Education and Human Resources	1852813	35,720		*
47.076	National Science Foundation	Education and Human Resources	1908743	218,595		*
47.076	National Science Foundation	Education and Human Resources	1914613	95,481	12,067	*
47.076	National Science Foundation	Education and Human Resources	1949952	63,845		*
47.076	National Science Foundation	Education and Human Resources	2012941	720		*
47.076	National Science Foundation	Education and Human Resources	NSF 1504741	2,128		*
47.076	National Science Foundation	Education and Human Resources	NSF DUE-1601614	125,894	81,025	*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
47.079	National Science Foundation	Office of International Science and Engineering	1654957	56,367		*
47.079	National Science Foundation	Office of International Science and Engineering	1743711	514,535	33,008	*
47.079	National Science Foundation	Office of International Science and Engineering	NSF OISE1112636	15		*
(1)	National Science Foundation	IPA Assign Wu He	1851410	214,500		*
		Subtotal Direct Programs		\$ 6,472,116		
	Pass-Through Programs from:					
47.049	Temple University	Mathematical and Physical Sciences	260765-ODU	\$ 67,054		*
47.070	Pennsylvania State University	Computer and Information Science and Engineering	5922-ODU-NSF-3288	21,667		*
47.070	Virginia Commonwealth University	Computer and Information Science and Engineering	FP00011066_SA001	5,251		*
47.076	George Mason University	Education and Human Resources	E204629-1	61,437		*
47.076	Hampton University	Education and Human Resources	HU-190003	28,217		*
47.076	Norfolk State University	Education and Human Resources	F1040086	10,151		*
47.076	Oklahoma State University	Education and Human Resources	577850-ODU-1	2,316		*
47.076	University of Virginia	Education and Human Resources	GA11257 155806	31,241		*
47.076	Western Washington University	Education and Human Resources	51202-ODUX-00	12,545		*
47.076	Western Washington University	Education and Human Resources	51213-ODUX-00	25,118		*
		Subtotal Pass-Through Programs		\$ 264,997		
		Total National Science Foundation		\$ 6,737,113		
	Small Business Administration					
	Direct Programs:					
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ-17-W-0022	\$ 49,238		*
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ-17-W-0022	97,783		*
59.043	Small Business Administration	Women's Business Ownership Assistance	SBAHQ20C0087	19,025		*
59.044	Small Business Administration	Veterans Business Development	SBAHQ19V0024	341,354		*
59.044	Small Business Administration	Veterans Business Development	SBAHQ19V0024/0002	26,417		*
59.044	Small Business Administration	Veterans Business Development	SBAOVVB200014-01-	55,042		*
		Subtotal Direct Programs		\$ 588,859		
		Total Small Business Administration		\$ 588,859		
	U.S. Department of Agriculture					
	Direct Programs:					
10.001	U.S. Department Of Agriculture	Agricultural Research_Basic and Applied Research - Extramural Research	58-3094-6-010	\$ 389		*
10.219	U.S. Department Of Agriculture	Biotechnology Risk Assessment Research	2016-33522-25624	44,362		*
10.253	U.S. Department Of Agriculture	Consumer Data and Nutrition Research	58-4000-6-0061-R	19,595	2,497	*
10.253	U.S. Department Of Agriculture	Consumer Data and Nutrition Research	58-4000-8-0038-R	10,571		*
		Subtotal Direct Programs		\$ 74,917		
	Pass-Through Programs from:					
10.170	VA Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	301-17-039	\$ (435)		*
10.170	VA Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	FFY 2017-4F7 301-18-	13,773		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
10.170	VA Department of Agriculture	Specialty Crop Block Grant Program - Farm Bill	FFY 2018-584 301-19-	19,355		*
10.310	Montana State University Northern	Agriculture and Food Research Initiative (AFRI)	726177-ODU-USDA	24,031		*
10.310	University of Maine	Agriculture and Food Research Initiative (AFRI)	UMS-1154	74,224		*
10.557	Tufts University	Special Supplemental Nutrition Program for Women, Infants, and Children	103097-00001 PO #EP0191138	14,205		*
10.578	Old Dominion University	WIC Grants To States (WGS)	7070732604	2,788		*
		Subtotal Pass-Through Programs		\$ 147,941		
		Total U.S. Department of Agriculture		\$ 222,858		
		Total Research and Development Cluster		\$ 33,352,036		
<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	\$ 26,112		*
84.027A	George Mason University	Special Education--Grants to States	E2046881	8,099		*
84.027A	George Mason University	Special Education--Grants to States	E2047061	39,798		*
84.027A	George Mason University	Special Education--Grants to States	E2049811	3,047		*
84.027A	George Mason University	Special Education--Grants to States	E2049861	25,577		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61191-H027A190107	2,089		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A170107	55,143		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A170107	28,246		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A180107	599,974		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A180107	331,937		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A190107	324,134		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE61244-H027A190107	274,298		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE62555-H027A180107	1,920		*
84.027A	Old Dominion University	Special Education--Grants to States	876-APE62555-H027A190107	5,378		*
84.027A	Old Dominion University	Special Education--Grants to States	876-DOE86625-H027A180107	2,484		*
84.027A	Old Dominion University	Special Education--Grants to States	876-DOE87017-H027A170107	70,647		*

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
84.027A	Old Dominion University	Special Education--Grants to States	876-doe87017-h027a180107	9,366		*
84.027A	Old Dominion University	Special Education--Grants to States	876-DOE-87026-H027A180107	54,457		*
84.027A	Old Dominion University	Special Education--Grants to States	876-DOE87052-H027A170107	17,982		*
84.173A	Old Dominion University	Special Education--Preschool Grants	876-62685-	(108)		*
84.173A	Old Dominion University	Special Education--Preschool Grants	876-APE62685-H173A170112	67,931		*
84.173A	Old Dominion University	Special Education--Preschool Grants	876-APE62685-H173A180112	251,427		*
84.173A	Old Dominion University	Special Education--Preschool Grants	876-APE62685-H173A190112	138,634		*
Subtotal Pass-Through Programs				\$ 2,338,572		
Total U.S. Department of Education				\$ 2,338,572		
Total Special Education Cluster (IDEA)				\$ 2,338,572		
<u>TRIO Cluster</u>						
<u>U.S. Department of Education</u>						
Direct Programs:						
84.066A	U.S. Department of Education	Educational Opportunity Centers	P066A160013	\$ 489,744		
Subtotal Direct Programs				\$ 489,744		
Pass-Through Programs from:						
84.042A	Old Dominion University	TRIO_Student Support Services	P042A150060-17	\$ 74,234		
84.042A	Old Dominion University	TRIO_Student Support Services	P042A150060-19	264,729		
84.047A	Old Dominion University	TRIO_Student Support Services	P047A171195	348,845		
Subtotal Pass-Through Programs				\$ 687,808		
Total U.S. Department of Education				\$ 1,177,552		
Total TRIO Cluster				\$ 1,177,552		
<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	FOP-2019-59073-9073	\$ 6,493		
20.600	Old Dominion University	State and Community Highway Safety	FSC-2020-50010-20010	2,240		
20.600	VA Department of Motor Vehicles	State and Community Highway Safety	FOP-2019-59312-9312	43,110	1,356	
20.600	VA Department of Motor Vehicles	State and Community Highway Safety	fOP-2020-50281-20281	39,653		
20.602	VA Department of Motor Vehicles	Occupant Protection Incentive Grants	FM2PE-2018-58216-	(163)		
20.616	VA Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2019-59314-9314	93,264	51,940	

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
20.616	VA Department of Motor Vehicles	National Priority Safety Programs	FM2OP-2020-50267- 20267	18,825		
		Subtotal Pass-Through Programs		\$ 203,422		
		Total U.S. Department of Transportation		\$ 203,422		
		Total Highway Safety Cluster		\$ 203,422		
 <u>WIOA Cluster</u>						
<u>U.S. Department of Labor</u>						
Pass-Through Programs from:						
17.259	Opportunity, Inc.	WIA Youth Activities	WIOA-OSY-PY'15/16- MOD #7	\$ 2,563		
17.259	Opportunity, Inc.	WIA Youth Activities	WIOA-OSY-PY'19-7	49,601		
		Subtotal Pass-Through Programs		\$ 52,164		
		Total U.S. Department of Labor		\$ 52,164		
		Total WIOA Cluster		\$ 52,164		
 <u>Fish and Wildlife Cluster</u>						
<u>U.S. Department of the Interior</u>						
Pass-Through Programs from:						
15.605	VA Marine Resources Commission (VMRC)	Sport Fish Restoration Program	F18AF01166	\$ 47,044		
		Subtotal Pass-Through Programs		\$ 47,044		
		Total U.S. Department of the Interior		\$ 47,044		
		Total Fish and Wildlife Cluster		\$ 47,044		
 <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 Disaster Resilience Competition	CDBG-NDR	\$ 19,623		
14.272	Coastal Community Resilience Inc	National Disaster Resilience Competition	SUBAGREEMENT agreement date 3-17-20	5,732		
		Subtotal Pass-Through Programs		\$ 25,355		
		Total U.S. Department of Housing and Urban Development		\$ 25,355		
		Total CDBG - Disaster Recovery Grants - Pub. L. No. 113-2 Cluster		\$ 25,355		

Non-Cluster Programs

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2020

CFDA Number	Agency/Pass Through Grantor	Program Title	Pass-Through Entity Identifying No.	Disbursements/ Expenditures	Amount Provided to Subrecipients	Major Program
<u>U.S. Department of Education</u>						
Pass-Through Programs from:						
84.287	Gar-Field High School	Twenty-First Century Community Learning Centers	18-634	\$ 4,129		
Subtotal Pass-Through Programs				\$ 4,129		
Total U.S. Department of Education				\$ 4,129		
<u>U.S. Department of Health and Human Services</u>						
Direct Programs:						
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services Projects of Regional and National Significance	1H79SM080472-01	\$ 31,403		
93.243	U.S. Department of Health and Human Services	Substance Abuse and Mental Health Services Projects of Regional and National Significance	5H79SM080472-02	69,631	1,275	
Subtotal Direct Programs				\$ 101,034		
Pass-Through Programs from:						
93.110	Old Dominion University	Maternal and Child Health Federal Consolidated Programs	705AU932827	\$ 15,695		
93.110	Old Dominion University	Maternal and Child Health Federal Consolidated Programs	705AU932827	7,007		
93.243	Ohio Suicide Prevention Foundation	Substance Abuse and Mental Health Services Projects of Regional and National Significance	SM062894	11,891	3,397	
Subtotal Pass-Through Programs				\$ 34,593		
Total U.S. Department of Health and Human Services				\$ 135,627		
Total Non-Cluster Programs				\$ 139,756		
Total Expenditures of Federal Awards				\$ 37,335,901	\$ 2,813,652	

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 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, 2020

SECTION I. SUMMARY OF AUDITOR'S RESULTS

Financial Statements

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

Material weakness(es) identified? _____ Yes X No

Significant deficiency(ies) identified? _____ Yes X None Reported

Noncompliance material to financial statements noted? _____ Yes X No

Federal Awards

Internal control over major programs:

Material weakness(es) identified? _____ Yes X No

Significant deficiency(ies) identified? _____ Yes X None Reported

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

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

Identification of major programs:

Research and Development Cluster

Special Education Cluster (IDEA)

Dollar threshold used to distinguish between type A and type B programs: \$ 1,120,077

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, 2020

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, 2020, 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 9, 2020.

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) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the 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 determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the 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 9, 2020



**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, 2020. 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, 2020.

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 9, 2020