Old Dominion University Research Foundation

To: Distribution

From: Julian F. Facenda
Executive Director

Date: December 8, 2017

Subject: Annual Report of Sponsored Program Activity - June 30, 2017

Attached please find the Annual Report of Sponsored Program Activity for the fiscal year ended June 30, 2017. This report measures sponsored program activity administered through Old Dominion University Research Foundation by the amount of actual expenditures (direct costs and indirect cost recoveries) incurred during the fiscal year. Unrecovered indirect cost is not included in this report. This report includes sponsored program activity administered by the Research Foundation for Old Dominion University and for certain independent entities affiliated with the University. Included in the report is a schedule of proposals submitted and awards funded for the fiscal year ended June 30, 2017 and the four previous fiscal years. Proposal activity is based upon the total dollar amount requested from sponsoring agencies exclusive of institutional or third party cost share amounts. Award activity reflects the dollar amount of actual funding committed during the reporting period.

The format of the report separately discloses the sponsored program activities of the core University units and the activity of affiliated units. The core University units include all of the academic departments, enterprise centers and self-supporting research positions. The affiliated units reflect sponsored programs of the Virginia Space Grant Consortium and the Tidewater Consortium for Higher Education.

Some key points to note with respect to the core University activity are as follows:

- The average yearly increase for the past five fiscal periods is 3.74%.
- Sponsored program activity of $46.8 million is an 0.84% increase from fiscal year 2016.
- Expenditures in excess of $1 million by funding source for the fiscal year were:

National Science Foundation	$ 6.7 million
U.S. Department of Health and Human Services	$ 6.6 million
U.S. Department of Education	$ 5.4 million
Virginia Department of Education	$ 3.4 million
U.S. Navy	$ 2.2 million
U.S. Department of Energy	$ 1.5 million
National Aeronautics and Space Administration	$ 1.4 million
U.S. Air Force	$ 1.3 million
Virginia Department of Environmental Quality	$ 1.2 million
Jefferson Science Associates, LLC (JLAB)	$ 1.2 million

- The above rankings include agency funding passed-through from the University.

- Activity of individual faculty conducting research through University-wide enterprise centers is reflected under the faculty member's home department. The research activity of core staff assigned to an enterprise center is reflected in the center's activity. The Virginia Modeling, Analysis and Simulation Center (VMASC) and Frank Reidy Research Center for Bioelectrics core staff activities are reported under the Office of Research and Other Units.

- University departments (including SSRP's and center activity) exceeding $1 million for the fiscal year were:

Communication Disorders and Special Education	$ 3.8 million
Physics	$ 3.5 million
Ocean, Earth and Atmospheric Sciences	$ 3.3 million
Center for Educational Partnerships	$ 3.2 million
Frank Reidy Center for Bioelectrics	$ 3.0 million
Electrical & Computer Engineering	$ 2.7 million
Chemistry and Biochemistry	$ 2.6 million
Center for Enterprise Innovation	$ 2.1 million
Biological Sciences	$ 2.0 million
Nursing	$ 1.9 million
Virginia Modeling, Analysis and Simulation Center	$ 1.9 million
Medical Diagnostic and Translational Sciences	$ 1.8 million
Modeling, Simulation and Visualization	$ 1.6 million
Computer Sciences	$ 1.6 million
Civil and Environmental Engineering	$ 1.4 million
Psychology	$ 1.2 million
Mechanical and Aerospace Engineering	$ 1.2 million

- Proposal submissions during fiscal year 2017 increased to $376.8 million dollars. Awards funded during fiscal year 2017 increased 3.64% from fiscal year 2015 levels to $49 million dollars.

The following charts graphically depict ODURF- related current fiscal year research expenditures and the trend in research activity over the past six years:

Chart A – Research Expenditures for University Activity Excluding Affiliates

This chart indicates percentage of total research expenditures for fiscal year 2016 for each college and other university units.

Chart B – Total Proposals Submitted and Awards Funded Including Affiliates

This chart indicates the change in proposal submissions from $186 million during fiscal year 2008 to $376 million dollars during fiscal year 2017. Awards funded during this same period increased from $38 million to $49 million.

Should you have any questions concerning the enclosed report please do not hesitate to contact me at 683-7210.

Chart A – Research Expenditures for University Units Excluding Affiliates

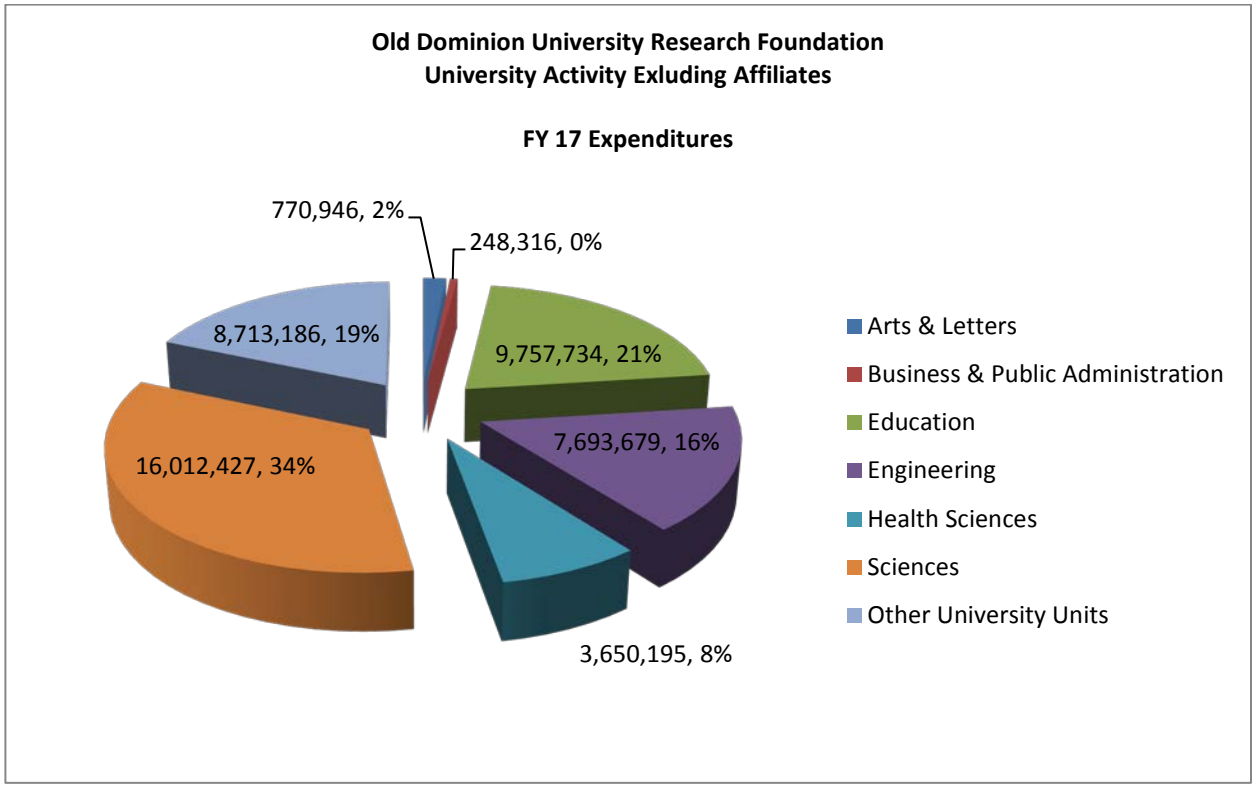
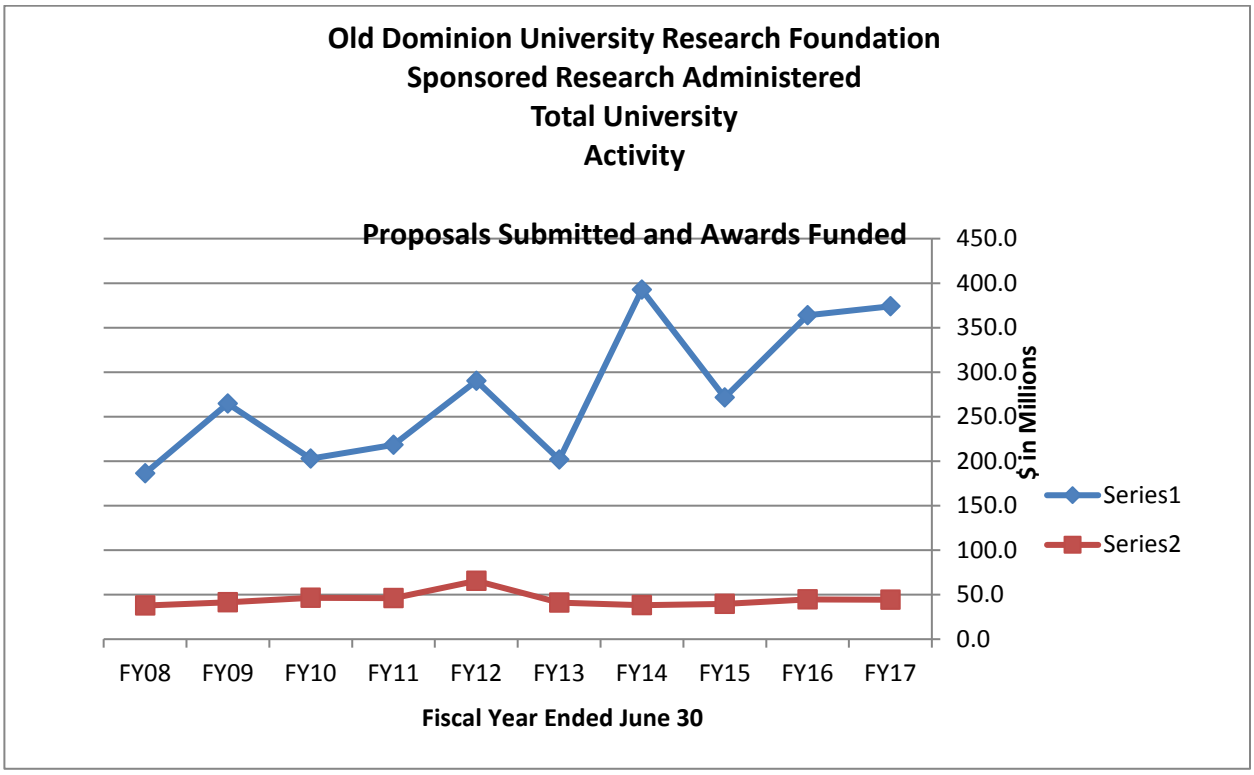


Chart B – Proposals Submitted and Awards Funded



DISTRIBUTION

Research Foundation Board of Trustees
University Vice Presidents
College Deans
Academic Department Chairs
Center Directors
Affiliated Unit Directors
Institutional Research Office
University Budget Office

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY

FISCAL YEAR ENDED JUNE 30, 2017

CONTENTS

Schedule 1 - Summary of Sponsored Program Activity
Fiscal Year 2017 through Fiscal Year 2012

Schedule 2 - Summary of Sponsored Program Activity by Major Funding
Source – Fiscal Year 2017 through Fiscal Year 2013

Schedule 3 - Comparison of Direct Cost, Indirect Cost and Effective Indirect
Cost Rates – University Units – Fiscal Year 2017 through Fiscal Year 2015

Schedule 4 - Sponsored Program Activity Individual Project Listing
Fiscal Year 2017

Schedule 5 - Enterprise Centers Including Projects Reported as Activity of an
Academic Department – Fiscal Year 2017

Schedule 6 - Sponsored Program Activity – Proposals Submitted and
Awards Funded – Fiscal Year 2017 through Fiscal Year 2013

SCHEDULE 1

Summary of Sponsored Program Activity

Fiscal Year 2017 through Fiscal Year 2012

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2012

	FY 17	FY 16	FY 15	FY 14	FY 13	FY 12
COLLEGE OF ARTS & LETTERS						
Dean's Office	$ -	$ 2,129	$ 14,430	$ 30,491	$ 26,210	$ 23,384
Communication & Theatre Arts	2,075	33,450	1,868	6,905	5,366	48,536
English	63,828	50,117	60,229	81,313	68,275	65,224
Foreign Languages/Literatures	-	-	3,826	1,867	-	-
History	6,300	4,259	26,459	58,682	88,485	91,433
International Studies	-	-	-	-	-	46,027
Political Science & Geography	27,324	61,425	29,781	83,956	20,341	23,290
Political Science & Geography - VMASC	-	-	-	-	5,280	18,433
Philosophy & Religious Studies	14,629	3,455	-	-	6,000	-
Social Science Research Center	166,351	149,199	130,809	175,408	206,241	243,088
Sociology & Criminal Justice	475,311	12,752	13,661	7,384	25,978	239,320
Women's Studies	15,128	-	-	-	-	-
College Total	$ 770,946	$ 316,786	$ 281,063	$ 446,006	$ 452,176	$ 798,735
% Change from prior year	143.37%	12.71%	-36.98%	-1.36%	-43.39%	9.39%
Average yearly increase (decrease)	-0.70%					
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION						
Economics	70,370	126,425	(442)	60,093	59,357	21,757
Finance	-	2,444	7,495	-	-	14,559
Information Systems & Decision Sciences	139,319	158,436	148,544	-	10,669	78,903
Information Systems & Decision Sciences - Cybersecurity	381	-	-	-	-	-
Management	663	1,293	-	-	9,563	52,626
Marketing	12,308	3,863	-	-	-	9,365
Public Service	25,276	10,262	10,404	22,176	71,133	6,286
College Total	$ 248,316	$ 302,722	$ 166,001	$ 82,269	$ 150,722	$ 183,496
% Change from prior year	-17.97%	82.36%	101.78%	-45.42%	-17.86%	-33.40%
Average yearly increase (decrease)	7.07%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2012

	FY 17	FY 16	FY 15	FY 14	FY 13	FY 12
COLLEGE OF EDUCATION						
Dean's Office	$ 465,485	$ 436,482	$ 264,167	$ 320,669	$ 2,317,690	$ 960,009
Center for Educational Partnerships	3,240,456	5,183,002	4,669,983	3,630,365	-	-
Communication Disorders and Special Education	3,842,934	3,708,022	3,650,009	3,544,135	3,076,659	3,194,382
Counseling and Human Services	345,081	72,310	111,934	124,783	141,942	215,922
Educational Foundations and Leadership	562,137	816,336	798,728	916,845	778,034	580,643
Human Movement Sciences	48,658	41,308	109,017	124,789	122,146	97,348
STEM Education and Professional Studies	842,959	1,320,821	1,848,198	1,730,137	1,213,575	590,967
STEM Education and Professional Studies - VMASC	-	-	-	-	6,325	14,641
Teaching and Learning	410,023	520,525	433,989	483,439	409,397	559,851
College Total	$ 9,757,734	$ 12,098,806	$ 11,886,025	$ 10,875,162	$ 8,065,768	$ 6,213,763
% Change from prior year	-19.35%	1.79%	9.30%	34.83%	29.80%	16.06%
Average yearly increase (decrease)	11.41%					
COLLEGE OF ENGINEERING & TECHNOLOGY						
Dean's Office	$ 415,031	$ 290,154	$ 101,365	$ 111,954	$ 57,060	$ 137,429
Civil & Environmental Engineering	1,381,257	890,440	648,563	510,504	319,429	485,587
Civil & Environmental Engineering - VMASC	-	47,474	-	47,752	179,147	43,301
Civil & Environmental Engineering - VCERC	-	-	-	-	(361)	4,300
Electrical & Computer Engineering	1,216,735	921,054	893,818	1,213,846	1,162,556	816,527
Electrical & Computer Engineering - ARC	504,233	591,501	1,189,505	1,055,824	1,135,276	1,157,799
Electrical & Computer Engineering - Bioelectrics	534,322	775,182	1,043,637	379,808	335,663	317,659
Electrical & Computer Engineering - Cybersecurity	43,706					
Engineering Career Management Center	-	-	-	103,513	8,650	-
Engineering Management and Systems Engineering	414,241	410,275	536,522	136,861	301,453	688,481
Engineering Management and Systems Engineering - VMASC	-	-	-	-	14,298	142,118
Engineering Management and Systems Engineering - NCSOSE	-	11,012	41,687	158,340	939,755	717,507
Engineering Technology	811,348	861,881	370,170	349,540	453,958	614,291
Engineering Technology - ARC	-	-	3,063	90,721	73,773	88,882
Mechanical & Aerospace Engineering	1,181,404	731,570	799,335	619,202	789,354	1,242,792
Mechanical & Aerospace Engineering - ARC	15,438	23,721	24,024	40,953	48,271	55,977
Modeling, Simulation & Visualization	578,878	505,132	398,185	452,114	226,984	96,850
Modeling, Simulation & Visualization - VMASC	597,087	2,003,612	3,087,263	2,754,598	2,675,870	3,512,089
College Total	$ 7,693,679	$ 8,063,007	$ 9,137,137	$ 8,025,530	$ 8,730,315	$ 10,138,082
% Change from prior year	-4.58%	-11.76%	13.85%	-8.07%	-13.89%	-16.30%
Average yearly increase (decrease)	-4.82%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2012

	FY 17	FY 16	FY 15	FY 14	FY 13	FY 12
COLLEGE OF HEALTH SCIENCES						
Dean's Office	$ -	$ (72)	$ 25,073	$ 5,744	$ -	$ -
Community & Environmental Health	98,912	95,308	99,218	355,423	452,579	319,145
Dental Hygiene	42,674	53,022	63,993	41,673	87,399	69,632
Medical Diagnostic & Translational Sciences	691,061	358,374	23,438	5,744	-	-
Medical Diagnostic & Translational Sciences - Bioelectrics	799,770	1,038,377	653,617	1,025,476	1,039,078	1,180,562
Nursing	1,937,351	1,362,754	930,615	646,297	746,212	523,484
Physical Therapy	80,427	100,441	199,606	227,299	155,802	113,829
College Total	$ 3,650,195	$ 3,008,203	$ 1,995,560	$ 2,307,656	$ 2,481,070	$ 2,206,652
% Change from prior year	21.34%	50.74%	-13.52%	-6.99%	12.44%	-17.58%
Average yearly increase (decrease)	13.08%					
COLLEGE OF SCIENCES						
Dean's Office	$ -	$ 1,420	$ 8,820	$ 19,560	$ 12,688	$ 11,769
Biological Sciences	2,039,337	1,742,699	1,614,718	1,665,748	2,566,263	2,445,856
Biological Sciences - Bioelectrics	-	-	-	13,785	81,084	134,103
Biological Sciences - VMASC	-	-	-	-	-	9,575
Biological Sciences - VCERC	-	-	-	-	(723)	8,606
Center for Coastal Physical Oceanography	939,208	693,392	865,985	1,289,616	1,046,395	1,347,043
Center for Coastal Physical Oceanography - SSRP	-	-	-	-	23,417	72,204
Center for Coastal Physical Oceanography - MARI	58,186	32,915	-	-	-	-
Chemistry and Biochemistry	2,618,322	2,202,356	1,780,131	1,519,745	762,725	1,544,599
Chemistry and Biochemistry - VCERC	-	(5,971)	49,077	284,215	226,784	154,597
Computer Science	1,614,304	1,607,758	1,188,118	995,043	1,335,587	1,452,774
Mathematics and Statistics	669,176	751,636	684,811	827,479	707,245	681,077
Ocean, Earth & Atmospheric Sciences	2,722,270	3,229,908	2,379,550	3,721,649	3,007,643	3,413,924
Ocean, Earth & Atmospheric Sciences - SSRP	558,257	349,294	494,657	285,222	269,375	430,276
Physics	3,571,771	3,562,835	3,415,041	4,097,273	3,828,554	3,385,594
Physics - ARC	-	-	-	-	-	-
Psychology	1,221,594	1,326,747	1,292,856	1,536,955	1,301,244	1,265,317
Psychology - Bioelectrics	-	-	-	-	4,670	25,832
Psychology - VMASC	-	-	-	-	-	3,912
College Total	$ 16,012,427	$ 15,494,987	$ 13,773,764	$ 16,256,290	$ 15,172,951	$ 16,387,058
% Change from prior year	3.34%	12.50%	-15.27%	7.14%	-7.41%	9.18%
Average yearly increase (decrease)	-0.46%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2012

	FY 17	FY 16	FY 15	FY 14	FY 13	FY 12
OFFICE OF RESEARCH AND OTHER UNITS						
VMASC: Virginia Modeling, Analysis & Simulation Center	$ 2,386,352	$ 1,822,109	$ 1,995,708	$ 2,199,704	$ 3,639,735	$ 1,511,237
Frank Reidy Research Center for Bioelectrics	3,684,267	2,792,129	1,309,606	831,116	894,851	1,085,548
Center of Enterprise Innovation	1,709,338	1,658,975	1,355,165	1,365,604	941,862	338,640
Miscellaneous ODU Units	933,229	898,552	744,696	662,388	665,073	604,562
Total Other Units	$ 8,713,186	$ 7,171,765	$ 5,405,175	$ 5,058,812	$ 6,141,521	$ 3,539,987
% Change from prior year	21.49%	32.68%	6.85%	-17.63%	73.49%	-24.83%
Average yearly increase (decrease)	29.23%					
TOTAL UNIVERSITY ACTIVITY	$ 46,846,483	$ 46,456,275	$ 42,644,725	$ 43,051,725	$ 41,194,523	$ 39,467,773
% CHANGE FROM PRIOR YEAR	0.84%	8.94%	-0.95%	4.51%	4.38%	-3.42%
Average yearly increase (decrease)	3.74%					
AFFILIATED ACTIVITY						
Virginia Commercial Space Flight Authority	-	-	13,442,449	20,074,491	27,850,335	47,604,863
Virginia Space Flight Academy	-	-	-	21,042	56,576	82,658
Mid-Atlantic Institute for Space & Technology	-	-	-	-	2,974	190,374
Association for Consortium Leadership	-	-	-	-	42,193	39,881
Virginia Tidewater Consortium for Higher Education	575,071	633,094	567,905	670,218	878,921	695,035
Virginia Space Grant Consortium	3,499,493	3,369,477	4,136,516	4,683,565	3,952,207	3,884,710
TOTAL AFFILIATED ACTIVITY	4,074,564	4,002,572	18,146,870	25,449,316	32,783,206	52,497,521
% CHANGE FROM PRIOR YEAR	1.80%	-77.94%	-28.69%	-22.37%	-37.55%	-4.31%
Average yearly increase (decrease)	-18.45%					
GRAND TOTAL	50,921,047	50,458,847	60,791,595	68,501,041	73,977,729	91,965,294
% CHANGE FOR GRAND TOTAL	0.92%	-17.00%	-11.25%	-7.40%	-19.56%	-3.93%
Average yearly increase (decrease)	-8.93%					

SCHEDULE 2

Summary of University Activity

Major Funding Source

Fiscal Year 2017 through Fiscal Year 2013

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

FUNDING SOURCE / AGENCY	FY17 Amount	FY17 Percent of Total	FY16 Amount	FY16 Percent of Total	FY15 Amount	FY15 Percent of Total	FY14 Amount	FY14 Percent of Total	FY13 Amount	FY13 Percent of Total
FEDERAL										
National Science Foundation	$ 6,721,391	14.3%	6,551,190	14.1%	5,854,012	13.7%	6,744,966	15.7%	5,397,710	13.1%
U.S. Department of Health & Human Services	6,633,834	14.2%	4,254,422	9.2%	2,980,391	7.0%	3,383,887	7.9%	3,660,227	8.9%
U.S. Department of Education	4,216,252	9.0%	$ 6,693,743	14.4%	$ 8,634,757	20.2%	$ 6,094,680	14.2%	$ 3,762,091	9.1%
United States Navy	2,230,435	4.8%	3,063,024	6.6%	3,366,028	7.9%	2,351,801	5.5%	2,798,204	6.8%
U.S. Department of Energy	1,507,898	3.2%	1,644,625	3.5%	-	0.0%	2,315,012	5.4%	1,924,766	4.7%
National Aeronautics & Space Administration	1,464,654	3.1%	1,157,102	2.5%	1,293,397	3.0%	1,199,132	2.8%	853,368	2.1%
United States Air Force	493,352	1.1%	261,040	0.6%	35,265	0.1%	-	0.0%	-	0.0%
Small Business Administration	483,600	1.0%	400,172	0.9%	420,985	1.0%	343,418	0.8%	228,536	0.6%
National Oceanic & Atmospheric Administration	257,530	0.5%	63,088	0.1%	35,092	0.1%	39,532	0.1%	129,298	0.3%
Institute of Museum and Library Services	248,376	0.5%	322,314	0.7%	219,942	0.5%	63,142	0.1%	130,013	0.3%
National Institute of Standards and Technology	164,434	0.4%	349,808	0.8%	251,433	0.6%	41,439	0.1%	17,782	0.0%
Fermi National Accelerator Lab	159,185	0.6%	251,207	0.5%	351,579	0.8%	68,895	0.2%	125,911	0.3%
U.S. Department of Agriculture	139,902	0.3%	707	0.0%	-	0.0%	47,665	0.1%	58,365	0.1%
National Endowment/Humanities	110,225	0.2%	242,957	0.5%	126,131	0.3%	51,203	0.1%	-	0.0%
National Security Agency	99,401	0.2%	17,275	0.0%	-	0.0%	-	0.0%	-	0.0%
U.S. Department of Defense - Other	94,468	0.2%	367,194	0.8%	617,406	1.4%	698,808	1.6%	1,128,709	2.7%
NON-DISCLOSED SPONSORS	71,852	0.2%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
U.S. Department of Housing and Urban Development	52,377	0.1%	100,248	0.2%	6,576	0.0%	-	0.0%	-	0.0%
U.S. Environmental Protection Agency	17,770	0.2%	66,944	0.1%	60,940	0.0%	14,303	0.0%	-	0.0%
U.S. Department of Justice	6,218	0.0%	101,136	0.2%	58,648	0.0%	71,733	0.2%	15,798	0.0%
United States Army	6,079	0.0%	11,638	0.0%	162,513	0.0%	718,011	1.7%	1,529,779	3.7%
U.S. Department of Homeland Security	-	0.0%	-	0.0%	-	0.0%	108,293	0.3%	730,580	1.8%
Library of Congress	-	0.0%	-	0.0%	-	0.0%	17,832	0.0%	273,265	0.7%
Other Federal	204,360	0.4%	203,924	0.4%	202,489	0.0%	162,942	0.4%	144,928	0.4%
SUBTOTAL FEDERAL	$ 25,383,592	54.2%	$ 26,123,759	55.8%	$ 24,677,586	56.7%	$ 24,536,694	56.6%	$ 22,909,330	55.3%

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

FUNDING SOURCE / AGENCY	FY17 Amount	FY17 Percent of Total	FY16 Amount	FY16 Percent of Total	FY15 Amount	FY15 Percent of Total	FY14 Amount	FY14 Percent of Total	FY13 Amount	FY13 Percent of Total
STATE & LOCAL GOVERNMENT AND AGREEMENTS WITH OTHER UNIVERSITIES										
Old Dominion University - See Note	$ 8,805,528	18.8%	$ 7,912,031	17.0%	$ 7,024,744	16.5%	$ 6,120,236	14.2%	$ 4,969,467	12.1%
Governor's Office	452,707	1.0%	424,733	0.9%	-	0.0%	-	0.0%	-	0.0%
University of Virginia	444,556	0.9%	306,900	0.7%	233,490	0.5%	203,071	0.5%	113,053	0.3%
Georgia Regents University	307,004	0.5%	535,479	0.5%	321,166	0.8%	272,968	0.6%	-	0.0%
Norfolk State University	302,588	0.6%	182,110	0.4%	49,419	0.1%	60,796	0.1%	11,156	0.0%
Virginia Marine Resources Commission	281,506	0.6%	268,114	0.6%	306,969	0.7%	327,703	0.8%	316,489	0.8%
University of Illinois	263,331	0.6%	-	0.0%	128,817	0.3%	255,151	0.6%	127,184	0.3%
Virginia Department of Motor Vehicles	234,061	0.5%	246,916	0.5%	262,515	0.6%	303,964	0.7%	267,804	0.7%
Iowa State University	229,776	0.4%	236,604	0.4%	221,568	0.5%	188,858	0.4%	-	0.0%
State University of New Jersey	224,870	0.5%	131,470	0.3%	152,130	0.4%	234,796	0.5%	214,648	0.5%
University of Southern Mississippi	163,162	0.3%	50,764	0.1%	36,788	0.1%	-	0.0%	-	0.0%
George Mason University	140,655	0.3%	165,351	0.4%	56,657	0.1%	48,681	0.1%	5,059	0.0%
University of Maryland	140,576	0.3%	114,225	0.2%	54,735	0.1%	56,451	0.1%	65,400	0.2%
Texas A&M University	133,692	0.3%	130,156	0.3%	59,947	0.1%	20,043	0.0%	34,981	0.1%
Crater Planning District Commission	131,139	0.3%	146,141	0.3%	111,352	0.3%	139,090	0.3%	184,385	0.4%
Virginia Institute of Marine Sciences	122,410	0.3%	101,293	0.2%	77,524	0.2%	145,916	0.3%	144,193	0.4%
Johns-Hopkins Hospital	121,847	0.3%	43,157	0.1%	-	0.0%	2,551	0.0%	9,165	0.0%
Temple University	111,014	0.2%	59,589	0.1%	48,262	0.1%	-	0.0%	-	0.0%
Hampton Roads Sanitation District Commission	109,972	0.2%	113,734	0.3%	186,822	0.4%	41,098	0.1%	34,445	0.1%
Eastern Virginia Medical School	107,954	0.2%	162,934	0.4%	145,427	0.3%	199,933	0.5%	153,664	0.4%
Commonwealth Health Research Board	91,828	0.2%	81,654	0.2%	-	0.0%	-	0.0%	-	0.0%
Virginia Department of Emergency Management	87,512	0.2%	85,308	0.2%	99,816	0.2%	498,667	1.2%	1,586,670	3.9%
University of Southern California	84,742	0.2%	115,849	0.2%	124,226	0.3%	70,129	0.2%	-	0.0%
University of Michigan	71,699	0.2%	110,461	0.2%	184,156	0.4%	-	0.0%	109,307	0.3%
VA Department of Transportation	66,089	0.1%	71,051	0.2%	85,179	0.2%	97,572	0.2%	334,438	0.8%
University of Colorado	63,635	0.1%	19,475	0.0%	-	0.0%	2,399	0.0%	29,036	0.1%
Florida Fish & Wildlife Conservation Commission	61,844	0.1%	47,258	0.1%	-	0.0%	-	0.0%	-	0.0%
North Carolina State University	61,517	0.1%	43,004	0.1%	57,743	0.1%	56,337	0.1%	119,171	0.3%
Rochester Institue of Technology	60,514	0.1%	73,600	0.2%	46	0.0%	-	0.0%	-	0.0%
VA Polytechnic Institute and State University	37,868	0.1%	50,062	0.1%	276,454	0.6%	-	0.0%	-	0.0%
City of Portsmouth	21,821	0.0%	151,616	0.3%	343,603	0.8%	-	0.0%	-	0.0%
City of Virginia Beach	18,504	0.8%	247,497	0.5%	456,935	1.1%	298,851	0.7%	114,936	0.3%
State Council of Higher Education for Virginia	-	0.0%	48,032	0.1%	109,031	0.3%	35,809	0.1%	29,871	0.1%
Center of Innovative Technology	-	0.0%	129,133	0.3%	83,791	0.2%	210,935	0.5%	248,692	0.6%
University of Idaho	-	0.0%	109,712	0.2%	373,854	0.9%	257,799	0.6%	302,552	0.7%
Florida Department of Environmental Protection	-	0.0%	107,779	0.2%	2,584	0.0%	-	0.0%	-	0.0%
Virginia Department of Environmental Quality	-	0.0%	-	0.4%	269,920	0.4%	1,057,860	1.5%	1,139,467	1.5%
University of Texas	-	0.0%	-	0.0%	-	0.0%	-	0.0%	127,357	0.3%
Wadsworth Center	-	0.0%	-	0.0%	-	0.0%	-	0.0%	119,514	0.3%
Other State & Local	1,265,161	2.7%	1,057,615	2.3%	444,154	1.0%	1,065,984	2.5%	899,331	2.2%
SUBTOTAL STATE & LOCAL	$ 14,821,085	32.1%	$ 13,880,806	29.6%	$ 12,389,828	28.9%	$ 12,273,648	27.6%	$ 11,811,435	27.4%

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

FUNDING SOURCE / AGENCY	FY17 Amount	FY17 Percent of Total	FY16 Amount	FY16 Percent of Total	FY15 Amount	FY15 Percent of Total	FY14 Amount	FY14 Percent of Total	FY13 Amount	FY13 Percent of Total
PRIVATE AND OTHER SPONSORS										
Jefferson Science Associates	$ 1,178,928	2.5%	$ 1,164,984	2.5%	$ 1,061,585	2.5%	$ 1,040,048	2.4%	$ 1,185,308	2.9%
Pulse Biosciences, Inc.	854,008	1.8%	1,006,931	2.2%	214,159	0.5%	-	0.0%	-	0.0%
University of Southampton	594,160	1.3%	606,869	1.3%	613,368	1.4%	125,447	0.3%	-	0.0%
National Institute of Aerospace	473,785	1.0%	459,190	1.0%	319,519	0.7%	251,851	0.6%	393,204	1.0%
Genedge Alliance (formerly Philpott Manufacturing)	307,053	0.7%	259,820	0.6%	223,265	0.5%	145,990	0.3%	134,799	0.3%
The Geneva Foundation	227,252	0.5%	110,173	0.2%	-	0.0%	-	0.0%	-	0.0%
World Conservation Union (IUCN)	213,108	0.5%	152,773	0.3%	134,104	0.3%	72,603	0.2%	80,752	0.2%
Non-Disclosed	181,808	0.4%	170,200	0.4%	136,827	0.3%	-	0.0%	-	0.0%
Commonwealth Center for Advanced Manufacturing	148,902	0.3%	117,383	0.3%	138,773	0.3%	-	0.0%	-	0.0%
Blue Moon Fund	147,305	0.3%	166,253	0.4%	-	0.0%	-	0.0%	-	0.0%
Engility	126,096	0.3%	85,513	0.2%	-	0.0%	-	0.0%	-	0.0%
Jeffress	123,323	0.3%	90,880	0.2%	75,561	0.2%	48,782	0.1%	5	0.0%
Lifenet	100,905	0.2%	9,679	0.0%	3,360	0.0%	10,748	0.0%	6,843	0.0%
LMI	100,704	0.2%	113,096	0.2%	127,880	0.3%	158,926	0.4%	99,220	0.2%
Qatar University	84,255	0.2%	127,698	0.3%	25,861	0.1%	50,312	0.1%	28,207	0.1%
Boston VA Research Institute, Inc	61,417	0.1%	67,810	0.1%	-	0.0%	-	0.0%	-	0.0%
The National Academies	37,576	0.1%	-	0.0%	-	0.0%	3,963	0.0%	-	0.0%
Stihl	29,394	0.1%	100,103	0.2%	16,103	0.0%	-	0.0%	-	0.0%
American Diabetes Association	15,093	0.0%	55,927	0.1%	194,606	0.5%	176,183	0.4%	71,151	0.2%
Dominion Resources Services, Inc.	(2,504)	0.0%	158,722	0.3%	122,159	0.3%	169,877	0.4%	-	0.0%
Opportunity, Inc.	-	0.0%	14,376	0.0%	118,474	0.3%	93,313	0.2%	-	0.0%
Advanced Anti-Terror Technologies, Inc.	-	0.0%	117,383	0.3%	106,091	0.2%	155,482	0.4%	115,964	0.3%
General Dynamics	-	0.0%	97,954	0.2%	-	0.0%	177,690	0.4%	355,207	0.9%
OncoSec Medical, Inc.	-	0.0%	25,764	0.1%	129,990	0.3%	234,431	0.5%	-	0.0%
Continental Automotive Systems, Inc	-	0.0%	-	0.0%	148,000	0.3%	-	0.0%	-	0.0%
Cubic Applications, Inc.	-	0.0%	-	0.0%	147,073	0.3%	289,126	0.7%	10,696	0.0%
Medical Cyberworlds, Inc.	-	0.0%	-	0.0%	139,377	0.3%	67,779	0.2%	21,949	0.1%
Commonwealth Center for Advanced Manufacturing	-	0.0%	-	0.0%	138,773	0.3%	1,646	0.0%	-	0.0%
Niowave, Inc.	-	0.0%	-	0.0%	-	0.0%	484,236	1.1%	352,319	0.9%
WR Systems LTD	-	0.0%	-	0.0%	-	0.0%	151,285	0.4%	199,204	0.5%
Children Surgical	-	0.0%	-	0.0%	-	0.0%	121,776	0.3%	149,609	0.4%
Alion Science and Technology Corporation	-	0.0%	-	0.0%	-	0.0%	103,513	0.2%	46,123	0.1%
Other Private Sponsors	1,639,238	3.5%	1,172,229	2.5%	1,242,406	2.9%	1,747,705	4.1%	2,760,474	6.7%
SUBTOTAL PRIVATE	$ 6,641,805	14.2%	$ 6,451,709	13.9%	$ 5,577,312	13.1%	$ 6,241,383	14.5%	$ 6,473,758	15.7%
TOTAL	$ 46,846,482	100.5%	$ 46,456,275	99.3%	$ 42,644,725	98.7%	$ 43,051,725	98.7%	$ 41,194,523	98.4%

Note: Certain agencies require direct award to Old Dominion University. The following represents the expenditures by agency on projects passed through by the University.

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

FUNDING SOURCE / AGENCY	FY17 Amount	FY17 Percent of Total	FY16 Amount	FY16 Percent of Total	FY15 Amount	FY15 Percent of Total	FY14 Amount	FY14 Percent of Total	FY13 Amount	FY13 Percent of Total
Old Dominion University pass through from:										
Virginia Department Of Education	$ 3,464,512	7.4%	$ 4,138,355	8.9%	$ 4,008,186	9.4%	$ 3,976,459	9.2%	$ 3,027,748	7.3%
United States Air Force	1,304,868	2.8%	466,154	1.0%	-	0.0%	-	0.0%	-	0.0%
Virginia Department of Environmental Quality	1,236,651	2.6%	1,068,484	2.3%	909,391	2.1%	148,227	0.3%	165,134	0.4%
U.S. Department of Education	1,173,032	2.5%	758,034	1.6%	420,562	1.0%	627,283	1.5%	659,212	1.6%
Old Dominion University	376,791	0.8%	352,261	0.8%	639,858	1.5%	519,240	1.2%	896,937	2.2%
U.S. Department of Labor	364,696	0.8%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Virginia Biosciences Health Research Corp.	339,013	0.7%	508,416	1.1%	-	0.0%	-	0.0%	-	0.0%
U.S. Department of Energy	226,505	0.5%	480,206	1.0%	245,720	0.6%	161,459	0.4%	-	0.0%
Virginia Department Of Behavorial Health and Developmental Services	192,742	0.4%	76,500	0.2%	57,140	0.1%	98,880	0.2%	73,397	0.2%
State Council of Higher Education for Virginia	17,139	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Virginia Department Of Health	4,349	0.0%	-	0.0%	-	0.0%	51,037	0.1%	34,359	0.1%
National Aeronautics & Space Administration	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Foreign	-	0.0%	(210)	0.0%	194,204	0.5%	16,218	0.0%	-	0.0%
Other Sponsors	105,230	0.2%	63,831	0.1%	549,682	1.3%	521,433	1.2%	112,680	0.3%
Old Dominion University Total	$ 8,805,528	18.8%	$ 7,912,031	17.0%	$ 7,024,744	16.5%	$ 6,120,236	14.2%	$ 4,969,467	12.1%

Note: Certain prior year amounts have been restated to be consistent with current year presentation.

SCHEDULE 3

Comparison of Direct Cost, Indirect Cost and Effective Indirect Cost Rates

Fiscal Year 2017 through Fiscal Year 2015

SCHEDULE 3

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
REPORT OF SPONSORED PROGRAM ACTIVITY
DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2015

	Fiscal Year 2017				Fiscal Year 2016				Fiscal Year 2015			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF ARTS AND LETTERS												
Dean's Office	$ -	$ -	$ -	0.0%	$ 1,972	$ 158	$ 2,130	8.0%	$ 13,684	$ 746	$ 14,430	5.5%
Communication and Theatre Arts	2,075	-	2,075	0.0%	29,337	4,112	33,450	14.0%	1,868	-	1,868	0.0%
English	58,683	5,145	63,828	8.8%	38,301	11,816	50,117	30.8%	49,984	10,246	60,229	20.5%
Foreign Languages / Literatures	-	-	-	0.0%	-	-	-	0.0%	2,501	1,325	3,826	53.0%
History	6,300	-	6,300	0.0%	3,943	315	4,259	8.0%	24,968	1,492	26,459	6.0%
Philosophy & Religious Studies	9,155	5,474	14,629	59.8%	2,461	994	3,455	40.4%	-	-	-	0.0%
Political Science & Geography	19,907	7,417	27,324	37.3%	55,580	5,845	61,425	10.5%	28,138	1,642	29,781	5.8%
Social Science Research Center	153,287	13,064	166,351	8.5%	140,772	8,427	149,199	6.0%	120,019	10,791	130,810	9.0%
Sociology & Criminal Justice	348,563	126,748	475,311	36.4%	8,365	4,388	12,752	52.5%	9,774	3,887	13,661	39.8%
Women's Studies	15,128	-	15,128	0.0%	-	-	-	0.0%	-	-	-	0.0%
College Total	$ 613,097	$ 157,849	$ 770,946	25.7%	$ 280,730	$ 36,056	$ 316,786	12.8%	$ 250,935	$ 30,129	$ 281,064	12.0%
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION												
Economics	$ 47,904	$ 22,466	$ 70,370	46.9%	$ 110,551	$ 15,875	$ 126,425	14.4%	$ (475)	$ 33	$ (442)	-6.9%
Finance	-	-	-	0.0%	2,222	222	2,444	10.0%	6,814	681	7,495	10.0%
Information Systems / Decision Sciences	93,184	46,135	139,319	49.5%	105,538	52,898	158,436	50.1%	97,088	51,457	148,544	53.0%
Information Systems & Decision Sciences - CYBERSECURITY	381	-	381	0.0%	-	-	-	0.0%	-	-	-	0.0%
Management	663	-	663	0.0%	1,293	-	1,293	0.0%	-	-	-	0.0%
Marketing	9,847	2,462	12,308	25.0%	3,090	773	3,863	25.0%	-	-	-	0.0%
Public Service	17,488	7,788	25,276	44.5%	8,388	1,874	10,262	22.3%	8,304	2,100	10,404	25.3%
College Total	$ 169,465	$ 78,851	$ 248,316	46.5%	$ 231,081	$ 71,641	$ 302,722	31.0%	$ 111,731	$ 54,271	$ 166,001	48.6%
COLLEGE OF EDUCATION												
Dean's Office	$ 456,897	$ 8,588	$ 465,485	1.9%	$ 412,693	$ 23,789	$ 436,482	5.8%	$ 240,152	$ 24,015	$ 264,167	10.0%
Center for Education Partnerships	3,008,429	232,028	3,240,457	7.7%	4,944,938	238,064	5,183,002	4.8%	4,444,433	225,550	4,669,983	5.1%
Communication Disorders and Special Education	3,573,972	268,962	3,842,934	7.5%	3,465,079	242,944	3,708,022	7.0%	3,417,386	232,623	3,650,009	6.8%
Counseling and Human Services	330,903	14,177	345,081	4.3%	67,863	4,448	72,310	6.6%	108,912	3,022	111,934	2.8%
Educational Foundations and Leadership	482,372	79,765	562,137	16.5%	768,842	47,494	816,336	6.2%	741,676	57,052	798,728	7.7%
Human Movement Sciences	45,923	2,734	48,658	6.0%	37,826	3,481	41,308	9.2%	103,744	5,272	109,017	5.1%
STEM Education and Professional Studies	761,856	81,103	842,959	10.6%	1,238,737	82,084	1,320,821	6.6%	1,730,132	118,066	1,848,198	6.8%
Teaching and Learning	359,562	50,462	410,023	14.0%	469,202	51,323	520,525	10.9%	395,855	38,134	433,989	9.6%
College Total	$ 9,019,915	$ 737,818	$ 9,757,734	8.2%	$ 11,405,180	$ 693,626	$ 12,098,806	6.1%	$ 11,182,290	$ 703,735	$ 11,886,025	6.3%

SCHEDULE 3

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

REPORT OF SPONSORED PROGRAM ACTIVITY

DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2015

	Fiscal Year 2017				Fiscal Year 2016				Fiscal Year 2015			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF ENGINEERING												
Dean's Office	$ 271,427	$ 143,603	$ 415,031	52.9%	$ 201,636	$ 88,518	$ 290,154	43.9%	$ 70,527	$ 30,838	$ 101,365	43.7%
Civil & Environmental Engineering	1,119,109	262,148	1,381,257	23.4%	643,076	247,364	890,440	38.5%	474,149	174,414	648,563	36.8%
Civil & Environmental Engineering - VMASC	-	-	-	0.0%	31,112	16,362	47,474	52.6%	-	-	-	0.0%
Electrical & Computer Engineering	844,860	373,270	1,218,130	44.2%	647,731	273,323	921,054	42.2%	653,436	240,382	893,818	36.8%
Electrical & Computer Engineering - ARC	393,407	109,434	502,841	27.8%	466,078	125,423	591,501	26.9%	988,143	201,361	1,189,505	20.4%
Electrical & Computer Engineering - Bioelectrics	369,388	164,935	534,323	44.7%	516,039	259,143	775,182	50.2%	792,517	251,120	1,043,637	31.7%
Electrical & Computer Engineering - CYBERSECURITY	30,676	13,031	43,706	42.5%	-	-	-	0.0%	0	0	-	0.0%
Engineering Management and Systems Engineering	290,176	124,065	414,241	42.8%	302,065	108,210	410,275	35.8%	369,978	166,544	536,522	45.0%
Engineering Management and Systems Engineering - NCSOSE	-	-	-	0.0%	6,882	4,129	11,012	60.0%	27,229	14,459	41,687	53.1%
Engineering Technology	628,690	182,658	811,348	29.1%	728,840	133,041	861,881	18.3%	271,336	98,834	370,170	36.4%
Engineering Technology - ARC	-	-	-	0.0%	-	-	-	0.0%	2,836	227	3,063	8.0%
Mechanical & Aerospace Engineering	889,564	291,840	1,181,404	32.8%	550,565	181,004	731,570	32.9%	608,357	190,978	799,335	31.4%
Mechanical & Aerospace Engineering - ARC	15,438	-	15,438	0.0%	23,721	-	23,721	0.0%	24,024	-	24,024	0.0%
Modeling, Simulation & Visualization	376,226	202,649	578,875	53.9%	348,570	156,561	505,132	44.9%	274,940	123,245	398,185	44.8%
Modeling, Simulation & Visualization - VMASC	527,027	70,061	597,088	13.3%	1,736,208	267,405	2,003,612	15.4%	2,637,609	449,654	3,087,263	17.0%
College Total	$ 5,755,988	$ 1,937,694	$ 7,693,682	33.7%	$ 6,202,523	$ 1,860,484	$ 8,063,007	30.0%	$ 7,195,082	$ 1,942,056	$ 9,137,137	27.0%
COLLEGE OF HEALTH SCIENCES												
Dean's Office	$ -	$ -	$ -	0.0%	$ (72)	$ -	$ (72)	0.0%	$ 25,073	$ -	$ 25,073	0.0%
Community & Environmental Health	86,087	12,824	98,912	14.9%	78,209	17,099	95,308	21.9%	69,720	29,498	99,218	42.3%
Dental Hygiene	34,843	7,831	42,674	22.5%	45,527	7,495	53,022	16.5%	59,174	4,819	63,993	8.1%
Medical Diagnostic & Translational Sciences	582,198	108,863	691,061	18.7%	300,763	57,611	358,374	19.2%	23,438	-	23,438	0.0%
Medical Diagnostic & Translational Sciences - Bioelectrics	577,145	222,626	799,770	38.6%	749,457	288,920	1,038,377	38.6%	459,311	194,306	653,617	42.3%
Nursing	1,858,132	79,219	1,937,351	4.3%	1,314,803	47,951	1,362,754	3.6%	891,193	39,422	930,615	4.4%
Physical Therapy	74,224	6,203	80,427	8.4%	90,239	10,201	100,441	11.3%	181,366	18,240	199,606	10.1%
College Total	$ 3,212,629	$ 437,566	$ 3,650,195	13.6%	$ 2,578,926	$ 429,277	$ 3,008,203	16.6%	$ 1,709,275	$ 286,286	$ 1,995,560	16.7%

SCHEDULE 3

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
REPORT OF SPONSORED PROGRAM ACTIVITY
DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2015

	Fiscal Year 2017				Fiscal Year 2016				Fiscal Year 2015			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF SCIENCES												
Dean's Office	$ -	$ -	$ -	0.0%	$ 1,314	$ 105	$ 1,420	8.0%	$ 8,323	$ 497	$ 8,820	6.0%
Biological Sciences	1,690,759	348,578	2,039,337	20.6%	1,419,895	322,804	1,742,699	22.7%	1,349,153	265,565	1,614,718	19.7%
Center for Coastal Physical Oceanography	710,014	229,194	939,208	32.3%	557,024	136,369	693,392	24.5%	709,362	156,623	865,985	22.1%
Center for Coastal Physical Oceanography - MARI	58,186	-	58,186	0.0%	31,141	1,774	32,915	5.7%	-	-	-	0.0%
Chemistry and Biochemistry	1,988,626	629,696	2,618,322	31.7%	1,725,149	477,206	2,202,356	27.7%	1,365,854	414,277	1,780,131	30.3%
Chemistry and Biochemistry - VCERC	-	-	-	0.0%	(3,903)	(2,069)	(5,971)	53.0%	32,718	16,359	49,077	50.0%
Computer Sciences	1,187,779	426,526	1,614,304	35.9%	1,153,310	454,447	1,607,758	39.4%	903,288	284,830	1,188,118	31.5%
Mathematics & Statistics	525,980	143,196	669,176	27.2%	571,415	180,221	751,636	31.5%	538,123	146,688	684,811	27.3%
Ocean, Earth & Atmospheric Sciences	2,006,550	715,720	2,722,270	35.7%	2,507,971	721,937	3,229,908	28.8%	1,724,585	654,965	2,379,550	38.0%
Ocean, Earth & Atmospheric Sciences - SSRP	455,646	102,611	558,257	22.5%	257,937	91,357	349,294	35.4%	418,491	76,166	494,657	18.2%
Physics	2,906,176	665,595	3,571,771	22.9%	2,912,270	650,565	3,562,835	22.3%	2,705,688	709,353	3,415,041	26.2%
Psychology	956,613	264,981	1,221,594	27.7%	1,015,421	311,327	1,326,747	30.7%	994,370	298,486	1,292,856	30.0%
College Total	$ 12,486,330	$ 3,526,097	$ 16,012,427	28.2%	$ 12,148,944	$ 3,346,042	$ 15,494,987	27.5%	$ 10,749,954	$ 3,023,809	$ 13,773,762	28.1%
OFFICE OF RESEARCH AND OTHER ACTIVITY												
Frank Reidy Research Center for Bioelectrics	$ 2,546,415	$ 1,137,852	$ 3,684,267	44.7%	$ 1,872,872	$ 919,257	$ 2,792,129	49.1%	$ 902,278	$ 407,328	$ 1,309,606	45.1%
Virginia Modeling, Analysis and Simulation Center	1,769,842	616,510	2,386,352	34.8%	1,293,308	528,801	1,822,109	40.9%	1,357,197	638,511	1,995,708	47.0%
Center for Enterprise Innovation	1,552,527	156,811	1,709,338	10.1%	1,542,735	116,239	1,658,975	7.5%	1,180,496	174,669	1,355,165	14.8%
Miscellaneous ODU Units	829,495	103,731	933,226	12.5%	824,126	74,426	898,552	9.0%	701,150	43,545	744,696	6.2%
College Total Other Units	$ 6,698,280	$ 2,014,903	$ 8,713,183	30.1%	$ 5,533,041	$ 1,638,724	$ 7,171,765	29.6%	$ 4,141,121	$ 1,264,053	$ 5,405,174	30.5%
TOTAL UNIVERSITY ACTIVITY	$ 37,955,705	$ 8,890,778	$ 46,846,483	23.4%	$ 38,380,425	$ 8,075,851	$ 46,456,276	21.0%	$ 35,340,387	$ 7,304,338	$ 42,644,725	20.7%
AFFILIATED ACTIVITY												
Virginia Commercial Space Flight Authority	-	-	-	0.0%	-	-	-	0.0%	13,423,307	19,142	13,442,449	0.1%
Virginia Space Grant Consortium	3,231,281	268,213	3,499,493	8.3%	3,098,476	271,002	3,369,477	8.7%	3,718,751	417,765	4,136,516	11.2%
Virginia Tidewater Consortium for Higher Education	533,395	41,676	575,071	7.8%	586,562	46,532	633,094	7.9%	525,067	42,838	567,905	8.2%
TOTAL AFFILIATED ACTIVITY	$ 3,764,675	$ 309,889	$ 4,074,564	16.1%	$ 3,685,038	$ 317,534	$ 4,002,572	16.7%	$ 17,667,126	$ 479,745	$ 18,146,871	19.5%
GRAND TOTAL	$ 41,720,380	$ 9,200,666	$ 50,921,047	39.5%	$ 42,065,462	$ 8,393,385	$ 50,458,847	37.7%	$ 53,007,513	$ 7,784,082	$ 60,791,595	40.2%

SSRP= self supporting research program

SCHEDULE 4

Sponsored Program Activity

Individual Project Listing

Fiscal Year 2017

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
ARTS AND LETTERS													
English													
200234-010	*	NORFOLK COMMISSION ON THE ARTS & HUMANITIES	PEARSON, M.	-	2,000	-	-	2,000	-	-	2,000		TRAD
400219-010	*	COUNCIL OF WRITING PROGRAM ADMINISTRATORS	RODRIGO, R.	-	150	-	-	150	-	-	150		TRAD
100105-065	*	NAVSUP FLEET LOGISTICS CENTER NORFOLK	VINCELETTE, E.	2,305	-	-	(0)	2,305	807	-	3,112		TRAD
300396-010	*	OLD DOMINION UNIVERSITY	ZAREVA, A.	38,670	15,557	-	-	54,228	4,338	-	58,566		TRAD
				40,975	17,707	-	(0)	58,683	5,145	-	63,828	8.77%	
History													
600209-010		WELLCOME TRUST	BEBBER, B.	-	6,300	-	-	6,300	-	-	6,300		TRAD
				-	6,300	-	-	6,300	-	-	6,300	0.00%	
Philosophy & Religious Studies													
100591-010	*	NATIONAL SECURITY AGENCY	WITTKOWER, D.	5,236	3,185	-	734	9,155	5,474	-	14,629		TRAD
				5,236	3,185	-	734	9,155	5,474	-	14,629	59.79%	
Political Science and Geography													
300321-010		VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	ADAMS, F.	1,091	443	-	-	1,534	-	-	1,534		TRAD
400264-010		NON-DISCLOSED	ADAMS, F.	5,972	-	-	-	5,972	597	-	6,569		TRAD
300412-010		EAST CAROLINA STATE UNIVERSITY	ALLEN, T.	6,066	1,548	-	-	7,615	4,188	-	11,803		TRAD
200244-010	*	VA PORT AUTHORITY	ALLEN, T.	4,786	-	-	-	4,786	2,632	-	7,418		TRAD
				17,915	1,992	-	-	19,907	7,417	-	27,324	37.26%	
Sociology and Criminal Justice													
100640-010		NATIONAL INSTITUTE OF JUSTICE	DAI, M.	14,135	-	-	-	14,135	7,774	-	21,910		TRAD
300394-010		OLD DOMINION UNIVERSITY	GAINEY, R.	27,861	1,245	-	2,500	31,606	-	-	31,606		TRAD
200221-010	*	CITY OF SUFFOLK	GAINEY, R.	9,534	620	-	-	10,154	2,640	-	12,794		TRAD
100581-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	YANG, X.	70,183	141,334	-	81,151	292,668	116,334	-	409,001		TRAD
				121,712	143,199	-	83,651	348,563	126,748	-	475,311	36.36%	
Communication and Theatre Arts													
200217-010		CITY OF NORFOLK	SANTO, A.	2,075	-	-	-	2,075	-	-	2,075		TRAD
				2,075	-	-	-	2,075	-	-	2,075	0.00%	
Women's Studies													
600205-010		UNIVERSITY OF TORONTO	FISH, J.	-	15,128	-	-	15,128	-	-	15,128		TRAD
				-	15,128	-	-	15,128	-	-	15,128	0.00%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

				PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Social Science Research Center													
200001-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	-	-	-	-	-	-	-	-		SSRC
200229-010		CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, T.	1,389	-	-	87	1,476	232	-	1,708		SSRC
200233-010		CITY OF PORTSMOUTH	VANDECAR-BURDIN, T.	17,024	295	-	-	17,319	4,503	-	21,821		SSRC
300292-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	22,035	7,535	-	-	29,570	1,479	-	31,048		SSRC
300312-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	36,063	25,624	-	-	61,687	3,084	-	64,771		SSRC
300352-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	-	-	-	1,130	1,130	57	-	1,187		SSRC
300433-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	6,330	1,250	-	-	7,580	-	-	7,580		SSRC
500283-010		HENRICO CITIZEN (T3 MEDIA LLC)	VANDECAR-BURDIN, T.	255	-	-	(2)	253	-	-	253		SSRC
600200-010		BEIJING INTERNATIONAL STUDIES UNIVERSITY	VANDECAR-BURDIN, T.	1,038	-	-	67	1,106	586	-	1,692		SSRC
200221-010	*	CITY OF SUFFOLK	VANDECAR-BURDIN, T.	3,178	207	-	-	3,385	880	-	4,265		SSRC
300333-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	42	165	-	-	207	17	-	224		SSRC
300356-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	5,417	1,119	-	-	6,536	523	-	7,058		SSRC
300356-020	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	16,098	2,324	-	-	18,422	1,474	-	19,895		SSRC
300432-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1,350	3,267	-	-	4,617	231	-	4,847		SSRC
				110,219	41,785	-	1,283	153,287	13,064	-	166,351	8.52%	
TOTAL ARTS AND LETTERS				**$ 298,133**	**$ 229,295**	**$ -**	**$ 85,668**	**$ 613,097**	**$ 157,850**	**$ -**	**$ 770,946**	**25.75%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
BUSINESS AND PUBLIC ADMINISTRATION												
Economics												
300335-010	* VIRGINIA COMMONWEALTH UNIVERSITY	DU, J.	-	105	-	-	105	-	-	105		TRAD
300370-010	GEORGE MASON UNIVERSITY	FILER, L.	4,323.40	-	-	1,675	5,998	-	-	5,998		TRAD
300408-010	OLD DOMINION UNIVERSITY	TALLEY, W.	-	15,570	-	-	15,570	8,564	-	24,134		TRAD
300305-010	* UNIVERSITY OF VIRGINIA	TALLEY, W.	12,883	1,359	-	-	14,242	7,548	-	21,791		TRAD
300305-011	* UNIVERSITY OF VIRGINIA	TALLEY, W.	11,989	-	-	-	11,989	6,354	-	18,342		TRAD
			29,195	17,034	-	1,675	47,904	22,466	-	70,370	46.90%	
Information Systems / Decision Sciences												
100242-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	6,990	3,925	-	450	11,366	5,785	-	17,151		TRAD
100621-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	970	28	-	-	998	549	-	1,546		TRAD
100648-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	701	219	-	6,603	7,524	506	-	8,030		TRAD
100242-010	* NATIONAL SCIENCE FOUNDATION	LI, L	6,990	3,925	-	450	11,366	5,785	-	17,151		TRAD
300305-010	* UNIVERSITY OF VIRGINIA	NG, M.	12,883	1,359	-	-	14,242	7,548	-	21,791		TRAD
300305-011	* UNIVERSITY OF VIRGINIA	NG, M.	11,989	-	-	-	11,989	6,354	-	18,342		TRAD
500311-010	WISE CASE TECHNOLOGIES, LLC	WU, H.	11,185	2,996	-	-	14,181	7,799	-	21,980		TRAD
100591-010	* NATIONAL SECURITY AGENCY	WU, H.	5,236	3,185	-	734	9,155	5,474	-	14,629		TRAD
100242-010	* NATIONAL SCIENCE FOUNDATION	XU, L.	6,990	3,925	-	450	11,366	5,785	-	17,151		TRAD
100621-010	* NATIONAL SCIENCE FOUNDATION	XU, L.	970	28.00	-	-	998	549	-	1,546		TRAD
			64,904	19,592	-	8,688	93,184	46,135	-	139,319	49.51%	
Information Systems & Decision Sciences - CYBERSECURITY												
100527-016	* NASA GODDARD SPACEFLIGHT CENTER	HE, W.	-	-	-	381	381	-	-	381		TRAD
			-	-	-	381	381	-	-	381	0.00%	
Management												
400274-010	* NATIONAL INSTITUTE ON GOVERNMENTAL PURCHASING (NIGF	KLINGER, R.	663	-	-	-	663	-	-	663		TRAD
			663	-	-	-	663	-	-	663	0.00%	
Marketing												
300359-010	* DUKE UNIVERSITY	TANG, C.	5,525	2,919	-	-	8,444	2,111	-	10,555		TRAD
300418-010	* DUKE UNIVERSITY	TANG, C.	1,226	176	-	-	1,403	351	-	1,753		TRAD
			6,751	3,095	-	-	9,847	2,462	-	12,308	25.00%	
Public Service												
400274-010	* NATIONAL INSTITUTE ON GOVERNMENTAL PURCHASING (NIGF	GORDON, S.	663	-	-	-	663	-	-	663		TRAD
400274-010	* NATIONAL INSTITUTE ON GOVERNMENTAL PURCHASING (NIGF	LOESCH, M.	663	-	-	-	663	-	-	663		TRAD
400274-010	* NATIONAL INSTITUTE ON GOVERNMENTAL PURCHASING (NIGF	MENGISTU, B.	663	-	-	-	663	-	-	663		TRAD
300366-010	* UNIVERSITY OF NORTH CAROLINA	YUSUF, J.	10,249	2,711	-	-	12,960	7,128	-	20,089		TRAD
300373-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	YUSUF, J.	1,676	862	-	-	2,539	660	-	3,199		TRAD
			13,914	3,573	-	-	17,488	7,788	-	25,276	44.54%	
TOTAL BUSINESS AND PUBLIC ADMINISTRATION			**$ 115,427**	**$ 43,295**	**$ -**	**$ 10,743**	**$ 169,465**	**$ 78,851**	**$ -**	**$ 248,316**	46.53%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
EDUCATION												
Dean's Office												
300360-010	* OLD DOMINION UNIVERSITY	BRAY, J.	-	7,603	-	126,024.13	133,627	-	-	133,627		TRAD
300360-020	* OLD DOMINION UNIVERSITY	BRAY, J.	3,438	3,800	-	102,564.97	109,803	-	-	109,803		TRAD
300360-020	* OLD DOMINION UNIVERSITY	BRAY, J.	3,915	-	-	-	3,915	-	-	3,915		TRAD
300360-010	* OLD DOMINION UNIVERSITY	SHAEFFER, M.	-	3,801	-	63,012.06	66,813	-	-	66,813		TRAD
300360-020	* OLD DOMINION UNIVERSITY	SHAEFFER, M.	3,677	1,900	-	51,282.48	56,859	-	-	56,859		TRAD
100568-010	DEFENSE ACTIVITY FOR NON-TRADITIONAL EDUCATION SUPP	WARGO, J.	53,405	14,852	-	-	68,257	6,826	-	75,083		TRAD
100632-010	DEFENSE ACTIVITY FOR NON-TRADITIONAL EDUCATION SUPP	WARGO, J.	17,623	-	-	-	17,623	1,762	-	19,385		TRAD
			82,058	31,956	-	342,884	456,897	8,588	-	465,485	1.88%	
Center for Educational Partnerships												
200216-010	VIRGINIA BEACH CITY PUBLIC SCHOOLS	ARNOLD, P	25,725	123	-	-	25,848	-	-	25,848		TRAD
100358-010	* U.S. DEPARTMENT OF EDUCATION	ARNOLD, P.	58,545	18,762	-	588,908	666,216	40,973	-	707,189		TRAD
200210-010	* NEWPORT NEWS PUBLIC SCHOOLS	ARNOLD, P.	5,357	-	-	-	5,357	-	-	5,357		TRAD
200213-010	* CHESAPEAKE PUBLIC SCHOOLS	ARNOLD, P.	6,857	-	-	-	6,857	-	-	6,857		TRAD
100358-010	* U.S. DEPARTMENT OF EDUCATION	CHAPPELL, S .	29,273	9,381	-	294,454	333,108	20,487	-	353,594		TRAD
200210-010	* NEWPORT NEWS PUBLIC SCHOOLS	CHAPPELL, S .	2,143	-	-	-	2,143	-	-	2,143		TRAD
200213-010	* CHESAPEAKE PUBLIC SCHOOLS	CHAPPELL, S .	2,743	-	-	-	2,743	-	-	2,743		TRAD
300357-010	* JOHNS-HOPKINS UNIVERSITY	CHAPPELL, S .	53,683	2,064	-	-	55,747	29,546	-	85,293		TRAD
100244-010	NATIONAL SCIENCE FOUNDATION	GARNER, J.	10,483	21,760	-	-	32,243	8,383	-	40,626		TRAD
100477-010	* NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	GARNER, J.	1,406	2,500	-	8,205	12,112	977	-	13,088		TRAD
200003-010	PRINCE WILLIAM COUNTY PUBLIC SCHOOLS	GARNER, J.	945	270	-	-	1,214	-	-	1,214		TRAD
200183-020	* OLD DOMINION UNIVERSITY	GARNER, J.	5,029	15,002	-	25,146	45,177	1,603	-	46,780		TRAD
200183-030	OLD DOMINION UNIVERSITY	GARNER, J.	12,854	6,334	-	7,794	26,981	1,535	-	28,516		TRAD
200183-030	OLD DOMINION UNIVERSITY	GARNER, J.	6,427	1,289	-	-	7,716	617	-	8,333		TRAD
200188-010	* OLD DOMINION UNIVERSITY	GARNER, J.	1,544	4,110	-	3,389	9,043	452	-	9,495		TRAD
200188-030	* OLD DOMINION UNIVERSITY	GARNER, J.	5,729	1,050	-	2,319	9,098	542	-	9,641		TRAD
200210-010	* NEWPORT NEWS PUBLIC SCHOOLS	GARNER, J.	1,071	-	-	-	1,071	-	-	1,071		TRAD
200213-010	* CHESAPEAKE PUBLIC SCHOOLS	GARNER, J.	1,371	-	-	-	1,371	-	-	1,371		TRAD
200219-010	* PORTSMOUTH PUBLIC SCHOOLS	GARNER, J.	430	-	-	308	738	59	-	796		TRAD
200225-010	PRINCE WILLIAM COUNTY PUBLIC SCHOOLS	GARNER, J.	8,899	-	-	-	8,899	4,895	-	13,794		TRAD
200188-040	* OLD DOMINION UNIVERSITY	GARNER, J.	312	-	-	-	312	25	-	337		TRAD
200188-040	* OLD DOMINION UNIVERSITY	GARNER, J.	312	-	-	-	312	25	-	337		TRAD
200240-010	NORFOLK PUBLIC SCHOOLS	LONEY, M.	6,432	600	-	-	7,032	3,868	-	10,900		TRAD
200188-010	* OLD DOMINION UNIVERSITY	LONEY, M.	6,176	16,440	-	13,556	36,172	1,809	-	37,981		TRAD
200188-030	* OLD DOMINION UNIVERSITY	LONEY, M.	5,729	1,050	-	2,319	9,098	542	-	9,641		TRAD
200188-040	* OLD DOMINION UNIVERSITY	LONEY, M.	1,247	-	-	-	1,247	100	-	1,347		TRAD
200219-010	* PORTSMOUTH PUBLIC SCHOOLS	LONEY, M.	286	-	-	205	492	39	-	531		TRAD
100358-010	* U.S. DEPARTMENT OF EDUCATION	NUNNERY, J.	146,363	46,906	-	1,472,270	1,665,539	102,433	-	1,767,971		TRAD
200188-030	* OLD DOMINION UNIVERSITY	NUNNERY, J.	4,096	1,400	-	2,507	8,003	440	-	8,442		TRAD
200188-040	* OLD DOMINION UNIVERSITY	NUNNERY, J.	208	-	-	-	208	17	-	225		TRAD
200210-010	* NEWPORT NEWS PUBLIC SCHOOLS	NUNNERY, J.	1,071	-	-	-	1,071	-	-	1,071		TRAD
200213-010	* CHESAPEAKE PUBLIC SCHOOLS	NUNNERY, J.	1,371	-	-	-	1,371	-	-	1,371		TRAD
300357-010	* JOHNS-HOPKINS UNIVERSITY	NUNNERY, J.	23,007	885	-	-	23,892	12,663	-	36,554		TRAD
			437,124	149,927	-	2,421,379	3,008,429	232,027	-	3,240,456	7.71%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Communication Disorders and Special Education													
100366-010	*	U.S. DEPARTMENT OF EDUCATION	BAKER, C.	2,103	(888)	-	6,253	7,468	97	-	7,565		TRAD
300410-010	*	GEORGE MASON UNIVERSITY	BOBZIEN, J.	4,973	255	-	360	5,588	418	-	6,006		TRAD
100559-010	*	U.S. DEPARTMENT OF EDUCATION	BOBZIEN, J.	2,622	486	-	86,836	89,944	249	-	90,193		TRAD
200169-010		OLD DOMINION UNIVERSITY	GABLE, R.	8,420	28,577	-	(0)	36,996	2,960	-	39,956		TRAD
200170-010		OLD DOMINION UNIVERSITY	GABLE, R.	2,078	38,410	-	7,415	47,903	3,239	-	51,142		TRAD
200170-020		OLD DOMINION UNIVERSITY	GABLE, R.	6,894	103,304	-	-	110,197	8,816	-	119,013		TRAD
300338-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	182,411	45,055	-	11,977	239,443	18,197	-	257,641		TRAD
300338-020	*	OLD DOMINION UNIVERSITY	GABLE, R.	94,564	18,466	-	-	113,031	9,042	-	122,073		TRAD
300339-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	82,472	13,738	-	-	96,210	7,697	-	103,907		TRAD
300346-020	*	OLD DOMINION UNIVERSITY	GABLE, R.	30,283	1,651	-	11,286	43,220	-	-	43,220		TRAD
300351-010		OLD DOMINION UNIVERSITY	GABLE, R.	129,073	254,491	-	-	383,565	30,685	-	414,250		TRAD
300354-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	2,531	548	-	-	3,079	246	-	3,325		TRAD
300356-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	5,417	1,119	-	-	6,536	523	-	7,058		TRAD
300356-020	*	OLD DOMINION UNIVERSITY	GABLE, R.	16,098	2,324	-	-	18,422	1,474	-	19,895		TRAD
300382-010		OLD DOMINION UNIVERSITY	GABLE, R.	-	47,760	-	-	47,760	3,820	-	51,580		TRAD
200178-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	-	-	-	1	1	-	-	1		TRAD
300135-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	2,714	1,052	-	-	3,766	301	-	4,067		TRAD
300333-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	211	824	-	-	1,035	83	-	1,118		TRAD
300393-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	82,760	86,080	-	-	168,841	13,507	-	182,348		TRAD
300404-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	86,783	-	-	-	86,783	6,943	-	93,726		TRAD
300405-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	176,145	3,265	-	-	179,410	14,353	-	193,762		TRAD
300405-020	*	OLD DOMINION UNIVERSITY	GABLE, R.	92,224	42	-	-	92,265	7,381	-	99,647		TRAD
300407-010	*	OLD DOMINION UNIVERSITY	GABLE, R.	4,846	-	-	-	4,846	388	-	5,234		TRAD
300410-010	*	GEORGE MASON UNIVERSITY	GABLE, R.	4,973	255	-	360	5,588	418	-	6,006		TRAD
300417-010	*	GEORGE MASON UNIVERSITY	GABLE, R.	-	221	-	1,329	1,550	18	-	1,568		TRAD
100559-010	*	U.S. DEPARTMENT OF EDUCATION	GEAR, S.	2,702	501	-	89,467	92,670	256	-	92,926		TRAD
100601-010	*	U.S. DEPARTMENT OF EDUCATION	GEAR, S.	45,698	3,444	-	4,351	53,493	12,777	-	66,270		TRAD
100366-010	*	U.S. DEPARTMENT OF EDUCATION	HESTER, P.	18,925	(7,993)	-	56,276	67,208	875	-	68,083		TRAD
100559-010	*	U.S. DEPARTMENT OF EDUCATION	HESTER, P.	2,622	486	-	86,836	89,944	249	-	90,193		TRAD
100601-010	*	U.S. DEPARTMENT OF EDUCATION	HESTER, P.	91,397	6,888	-	8,702	106,986	25,554	-	132,540		TRAD
300396-010	*	OLD DOMINION UNIVERSITY	JUDGE, S.	38,670	15,557	-	-	54,228	4,338	-	58,566		TRAD
300346-020	*	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	30,283	1,651	-	11,286	43,220	-	-	43,220		TRAD
300407-010	*	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	4,846	-	-	-	4,846	388	-	5,234		TRAD
300354-010	*	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	2,531	548	-	-	3,079	246	-	3,325		TRAD
300381-010	*	GEORGE MASON UNIVERSITY	MAYDOSZ, A.	1,545	512	-	-	2,057	165	-	2,221		TRAD
300410-010	*	GEORGE MASON UNIVERSITY	MAYDOSZ, A.	4,973	255	-	360	5,588	418	-	6,006		TRAD
300417-010	*	GEORGE MASON UNIVERSITY	MAYDOSZ, A.	-	221	-	1,329	1,550	18	-	1,568		TRAD
100478-010	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RICHELS, C.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RICHELS, C.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
200178-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	-	-	-	1	1	-	-	1		TRAD
300135-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	2,714	1,052	-	-	3,766	301	-	4,067		TRAD
300314-020		GEORGE MASON UNIVERSITY	TONELSON, S.	-	40	-	(3)	37	3	-	40		TRAD
300333-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	591	2,306	-	-	2,898	232	-	3,129		TRAD
300338-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	182,411	45,055	-	11,977	239,443	18,197	-	257,641		TRAD
300338-020	*	OLD DOMINION UNIVERSITY	TONELSON, S.	94,564	18,466	-	-	113,031	9,042	-	122,073		TRAD
300339-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	82,472	13,738	-	-	96,210	7,697	-	103,907		TRAD
300346-020	*	OLD DOMINION UNIVERSITY	TONELSON, S.	31,201	1,702	-	11,628	44,530	-	-	44,530		TRAD
300354-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	7,592	1,644	-	-	9,237	739	-	9,976		TRAD
300356-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	5,581	1,153	-	-	6,734	539	-	7,272		TRAD
300356-020	*	OLD DOMINION UNIVERSITY	TONELSON, S.	17,124	2,394	-	-	19,518	1,561	-	21,079		TRAD
300362-010		GEORGE MASON UNIVERSITY	TONELSON, S.	25,054	1,108	-	1,044	27,206	2,093	-	29,299		TRAD
300363-010		GEORGE MASON UNIVERSITY	TONELSON, S.	12,882	-	-	-	12,882	1,030	-	13,912		TRAD
300363-020		GEORGE MASON UNIVERSITY	TONELSON, S.	-	-	-	19,582	19,582	-	-	19,582		TRAD
300368-010		GEORGE MASON UNIVERSITY	TONELSON, S.	11,752	1,852	-	8,769	22,374	1,088	-	23,462		TRAD
300381-010	*	GEORGE MASON UNIVERSITY	TONELSON, S.	1,545	512	-	-	2,057	165	-	2,221		TRAD
300393-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	82,760	86,080	-	-	168,841	13,507	-	182,348		TRAD
300404-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	86,783	-	-	-	86,783	6,943	-	93,726		TRAD
300405-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	176,145	3,265	-	-	179,410	14,353	-	193,762		TRAD
300405-020	*	OLD DOMINION UNIVERSITY	TONELSON, S.	92,224	42	-	-	92,265	7,381	-	99,647		TRAD
300407-010	*	OLD DOMINION UNIVERSITY	TONELSON, S.	4,993	-	-	-	4,993	399	-	5,392		TRAD
300410-010	*	GEORGE MASON UNIVERSITY	TONELSON, S.	4,973	255	-	360	5,588	418	-	6,006		TRAD
300417-010	*	GEORGE MASON UNIVERSITY	TONELSON, S.	-	228	-	1,369	1,597	18	-	1,616		TRAD
100527-019		NASA GODDARD SPACEFLIGHT CENTER	WATSON, S.	-	179	-	-	179	-	-	179		TRAD
300396-010	*	OLD DOMINION UNIVERSITY	WATSON, S.	39,842	16,029	-	-	55,871	4,470	-	60,341		TRAD
				2,260,279	866,988	-	446,705	3,573,974	268,963	-	3,842,934	7.53%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Counseling and Human Services													
200122-010	*	CITY OF VIRGINIA BEACH	CRAIGEN, L.	-	-	-	6,693	6,693	-	-	6,693		TRAD
100478-010	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOQUEE, K.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOQUEE, K.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD
100635-010	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	JOHNSON-HOQUEE, K.	14,802	1,152	-	69,564	85,518	1,276	-	86,794		TRAD
200122-010	*	CITY OF VIRGINIA BEACH	LEVINGSTON, K.	-	-	-	10,040	10,040	-	-	10,040		TRAD
400280-010		FORKIDS	MILLIKEN, T.	22,505	-	-	-	22,505	-	-	22,505		TRAD
100591-010	*	NATIONAL SECURITY AGENCY	MILLIKEN, T.	5,236	3,185	-	734	9,155	5,474	-	14,629		TRAD
100635-010	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	MOE, J.	18,092	1,408	-	85,022	104,522	1,560	-	106,082		TRAD
300349-011	*	EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, M .	8,432	-	-	-	8,432	675	-	9,106		TRAD
300349-010		EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, M.	31,833	-	-	11,579	43,412	2,547	-	45,959		TRAD
				133,190	6,529	-	191,184	330,903	14,177	-	345,081	4.28%	
Educational Foundations and Leadership													
100358-010	*	U.S. DEPARTMENT OF EDUCATION	BOL, L.	29,273	9,381	-	294,454	333,108	20,487	-	353,594		TRAD
200188-030	*	OLD DOMINION UNIVERSITY	BOL, L.	1,910	350	-	773	3,033	181	-	3,214		TRAD
200210-010	*	NEWPORT NEWS PUBLIC SCHOOLS	ESQUEDA, M.	1,071	-	-	-	1,071	-	-	1,071		TRAD
200213-010	*	CHESAPEAKE PUBLIC SCHOOLS	ESQUEDA, M.	1,371	-	-	-	1,371	-	-	1,371		TRAD
100422-010		U.S. DEPARTMENT OF JUSTICE	GREGORY, D.	5,556	662	-	-	6,218	-	-	6,218		TRAD
300294-010		TEMPLE UNIVERSITY	PEREZ, A.	63,281	3,708	-	8,520	75,510	35,505	-	111,014		TRAD
300402-010		MICHIGAN STATE UNIVERSITY	PEREZ, A.	33,810	7,694	-	7,368	48,872	22,827	-	71,699		TRAD
200188-030	*	OLD DOMINION UNIVERSITY	PRIBESH, S.	1,910	350	-	773	3,033	181	-	3,214		TRAD
200188-010	*	OLD DOMINION UNIVERSITY	SANZO, K.	1,029	2,740	-	2,259	6,029	302	-	6,330		TRAD
200188-030	*	OLD DOMINION UNIVERSITY	SANZO, K.	3,543	-	-	585	4,128	283	-	4,412		TRAD
				142,755	24,885	-	314,732	482,374	79,767	-	562,137	16.54%	
Human Movement Sciences													
400056-010	*	AMERICAN DIABETES ASSOCIATION	COLBERG-OCHS, S.	4,469	95	-	35	4,598	684	-	5,283		TRAD
400318-010		THE STANTON FOUNDATION	GOMEZ, E.	12,891	5,976	-	-	18,867	-	-	18,867		TRAD
400321-010	*	CHRISTOPHER & DANA REEVES FOUNDATION	HAEGELE, J.	-	10,250	-	-	10,250	1,025	-	11,275		TRAD
500281-010	*	FOCUSED FITNESS LLC	HAEGELE, J.	-	979	-	-	979	-	-	979		TRAD
400321-010	*	CHRISTOPHER & DANA REEVES FOUNDATION	KENNEDY, E.	-	10,250	-	-	10,250	1,025	-	11,275		TRAD
500281-010	*	FOCUSED FITNESS LLC	ZHU, X.	-	979	-	-	979	-	-	979		TRAD
400137-010		AMERICAN ALLIANCE FOR HEALTH, PHYSICAL EDUCATION, RE	ZHU, X.	-	-	-	-	-	-	-	-		TRAD
				17,360	28,529	-	35	45,923	2,734	-	48,658	5.95%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
STEM Education and Professional Studies													
100247-010	*	NATIONAL SCIENCE FOUNDATION	ADCOCK, A.	504	372	-	-	876	464	-	1,340		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	ARCAUTE, K.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
300143-040	*	OLD DOMINION UNIVERSITY	ENDERSON, M .	82,305	22,598	-	3,488	108,390	5,245	-	113,635		TRAD
200177-010	*	OLD DOMINION UNIVERSITY	ENDERSON, M.	22,089	6,939	-	-	29,028	1,451	-	30,479		TRAD
100358-010	*	U.S. DEPARTMENT OF EDUCATION	GRANT, M.	29,273	9,381	-	294,454	333,108	20,487	-	353,594		TRAD
100591-010	*	NATIONAL SECURITY AGENCY	GRANT, M.	5,236	3,185	-	734	9,155	5,474	-	14,629		TRAD
100231-010	*	NATIONAL SCIENCE FOUNDATION	KATSIOLOUDIS, P.	-	1,772	-	-	1,772	939	-	2,711		TRAD
100477-010	*	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	KATSIOLOUDIS, P.	11,251	20,000	-	65,643	96,894	7,813	-	104,706		TRAD
300361-010	*	TIDEWATER COMMUNITY COLLEGE	KATSIOLOUDIS, P.	19,502	4,139	-	-	23,642	13,003	-	36,645		TRAD
200207-010		VA DEPARTMENT OF REHABILITATIVE SERVICES	KOSLOSKI, M.	26,569	1,527	-	-	28,096	-	-	28,096		TRAD
300401-010		OLD DOMINION UNIVERSITY	REED, P.	-	5,000	-	-	5,000	400	-	5,400		TRAD
300030-011	*	VA SPACE GRANT CONSORTIUM	TOMOVIC, C.	10,385	589	-	104	11,078	-	-	11,078		TRAD
300030-012	*	UNIVERSITY OF VIRGINIA	TOMOVIC, C.	6,080	1,697	-	8,621	16,398	-	-	16,398		TRAD
300423-010	*	OLD DOMINION UNIVERSITY	TOMOVIC, C.	6,537	1,774	-	1,115	9,426	-	-	9,426		TRAD
100609-010		NATIONAL SCIENCE FOUNDATION	WATSON-PAPELIS, G.	-	7,893	-	8,954	16,847	2,052	-	18,899		TRAD
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL C(	WATSON-PAPELIS, G.	-	180	-	-	180	108	-	288		TRAD
100601-010	*	U.S. DEPARTMENT OF EDUCATION	WATSON-PAPELIS, G.	45,698	3,444	-	4,351	53,493	12,777	-	66,270		TRAD
				278,837	93,836	1,719	387,463	761,863	81,107	-	842,959	10.65%	
Teaching and Learning													
100252-010	*	NATIONAL SCIENCE FOUNDATION	CROMPTON, H.	4,019	1,224	-	703	5,946	2,778	-	8,724		TRAD
300340-010		JAMES MADISON UNIVERSITY	CROMPTON, H.	8,785	2,054	-	-	10,839	2,818	-	13,657		TRAD
500174-010		INTERNATIONAL SOCIETY FOR TECHNOLOGY IN EDUCATION	CROMPTON, H.	-	-	-	3	3	(0)	-	3		TRAD
100252-010	*	NATIONAL SCIENCE FOUNDATION	CROMPTON, H.	5,687	4,374	-	4,519	14,579	5,332	-	19,912		TRAD
100437-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	DICKINSON, G.	6,525	(66)	-	5,806	12,264	3,423	-	15,688		TRAD
100498-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	DICKINSON, G.	8,082	6,308	-	13,370	27,759	1,661	-	29,420		TRAD
300360-010	*	OLD DOMINION UNIVERSITY	DICKINSON, G.	-	3,801	-	63,012	66,813	-	-	66,813		TRAD
300360-020	*	OLD DOMINION UNIVERSITY	DICKINSON, G.	1,719	1,900	-	51,282	54,901	-	-	54,901		TRAD
300360-020	*	OLD DOMINION UNIVERSITY	DICKINSON, G.	1,958	-	-	-	1,958	-	-	1,958		TRAD
300395-010		UNIVERSITY OF MARYLAND	DISCALA, J.	2,309	-	-	-	2,309	1,270	-	3,579		TRAD
100437-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	DOLL, C.	6,525	(66)	-	5,806	12,264	3,423	-	15,688		TRAD
300055-010		OLD DOMINION UNIVERSITY	ECKHOFF, A.	8,726	40,485	-	-	49,210	3,937	-	53,147		TRAD
100498-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	HOWARD, J.	8,082	6,308	-	13,370	27,759	1,661	-	29,420		TRAD
100489-010		NATIONAL SCIENCE FOUNDATION	KIDD, J.	29,742	3,746	-	7,089	40,576	17,748	-	58,325		TRAD
100437-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	KIMMEL, S.	6,722	(68)	-	5,982	12,636	3,527	-	16,163		TRAD
500182-010		NATIONAL WRITING PROJECT CORPORATION	LEE, L.	-	136	-	9,744	9,880	14	-	9,894		TRAD
100230-010	*	NATIONAL SCIENCE FOUNDATION	SUH, Y	1,194	104	-	-	1,298	688	-	1,986		TRAD
100633-010		NATIONAL ENDOWMENT FOR THE HUMANITIES	SUH, Y.	2,732	5,655	-	179	8,566	2,181	-	10,747		TRAD
				102,804	75,894	-	180,864	359,565	50,464	-	410,023	14.03%	
EDUCATION TOTAL				**$ 3,454,407**	**$ 1,278,543**	**$ 1,719**	**$ 4,285,245**	**$ 9,019,915**	**$ 737,818**	**$ -**	**$ 9,757,734**	**8.18%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
ENGINEERING AND TECHNOLOGY													
Dean's Office													
100636-010		NATIONAL SCIENCE FOUNDATION	ADAMS, S.	2,276	1,097	-	-	3,373	1,855	-	5,228		TRAD
100638-010		NATIONAL SCIENCE FOUNDATION	ADAMS, S.	2,673	11,135	-	2,602	16,410	7,594	-	24,004		TRAD
100644-010		NATIONAL SCIENCE FOUNDATION	ADAMS, S.	7,667	32,720	-	7,570	47,956	22,213	-	70,169		TRAD
100538-010	*	OFFICE OF NAVAL RESEARCH	DEAN, A.	70,926	9,110	(1,170)	2,638	81,503	52,023	-	133,526		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	DEAN, A.	26,817	6,690	3,439	-	36,946	21,780	-	58,726		TRAD
100256-010	*	NATIONAL SCIENCE FOUNDATION	DHALI, S.	2,215	511	-	16,125	18,851	1,445	-	20,296		TRAD
500153-010	*	DOMINION RESOURCES SERVICES, INC.	DHALI, S.	-	(655)	-	-	(655)	(347)	-	(1,002)		TRAD
500238-010	*	NON-DISCLOSED	DHALI, S.	(1,722)	(188)	-	(1)	(1,911)	(1,013)	-	(2,923)		TRAD
500238-020	*	NON-DISCLOSED	DHALI, S.	11,980	623	-	4	12,607	6,680	-	19,287		TRAD
100527-017		NASA GODDARD SPACEFLIGHT CENTER	SARPER, H.	1,541	52	-	-	1,593	-	-	1,593		TRAD
100241-010		NATIONAL SCIENCE FOUNDATION	VAHALA, L.	24,607	802	-	-	25,408	13,466	-	38,875		TRAD
100538-010	*	OFFICE OF NAVAL RESEARCH	VAHALA, L.	23,642	3,037	(390)	879	27,168	17,341	-	44,509		TRAD
400271-001		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	VAHALA, L.	2,177	-	-	-	2,177	566	-	2,743		TRAD
				174,798	64,934	1,879	29,817	271,428	143,603	-	415,031	52.91%	
Civil and Environmental Engineering													
200066-010		CENTER FOR INNOVATIVE TECHNOLOGY	CETIN, M.	-	-	-	1	1	0	-	1		TRAD
200226-010	*	VA DEPARTMENT OF TRANSPORTATION	CETIN, M.	4,278	370	-	753	5,400	1,208	-	6,609		TRAD
300305-013	*	UNIVERSITY OF VIRGINIA	CETIN, M.	28,701	708	-	-	29,409	18,260	-	47,669		TRAD
300305-014		UNIVERSITY OF VIRGINIA	CETIN, M.	5,954	903	-	-	6,858	3,634	-	10,492		TRAD
300258-010	*	UNIVERSITY OF MARYLAND	CETIN, M.	43,490	1,280	-	-	44,770	23,728	-	68,499		TRAD
300305-010	*	UNIVERSITY OF VIRGINIA	CETIN, M.	32,207	3,398	-	-	35,605	18,871	-	54,476		TRAD
300305-011	*	UNIVERSITY OF VIRGINIA	CETIN, M.	29,971	-	-	-	29,971	15,885	-	45,856		TRAD
300305-012	*	UNIVERSITY OF VIRGINIA	CETIN, M.	12,373	834	-	-	13,206	6,999	-	20,206		TRAD
300305-015	*	UNIVERSITY OF VIRGINIA	CETIN, M.	6,463	-	-	-	6,463	3,425	-	9,888		TRAD
600197-020		MYONGJI UNIVERSITY	CHAE, Y.	26,649	2,449	-	6,556	35,655	19,610	-	55,265		TRAD
100250-010		NATIONAL SCIENCE FOUNDATION	KUMAR, S.	30,513	8,734	-	-	39,247	20,801	-	60,048		TRAD
100250-020		NATIONAL SCIENCE FOUNDATION	KUMAR, S.	-	-	-	14,200	14,200	-	-	14,200		TRAD
100574-010		SANDIA NATIONAL LABORATORIES	KUMAR, S.	23,001	185	-	-	23,187	-	-	23,187		TRAD
100630-020		NATIONAL SCIENCE FOUNDATION	KUMAR, S.	-	-	-	2,800	2,800	-	-	2,800		TRAD
500141-010		TYTON BIOSCIENCES CORP. LLC	KUMAR, S.	-	-	-	-	-	950	-	950		TRAD
500290-010		JMS FOOD SERVICE LLC (SMUCKER'S)	KUMAR, S.	-	3,079	-	921	4,000	1,040	-	5,040		TRAD
500290-020		JMS FOOD SERVICE LLC (SMUCKER'S)	KUMAR, S.	-	3,738	-	-	3,738	972	-	4,710		TRAD
500298-010	*	FIBERIGHT, LLC	KUMAR, S.	15,440	4,446	-	-	19,885	10,937	-	30,822		TRAD
500319-010		PANCOPIA	KUMAR, S.	1,951	165	-	-	2,116	1,164	-	3,280		TRAD
100593-010	*	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	1,106	512	-	17,739	19,357	890	-	20,246		TRAD
100630-010	*	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	8,892	2,720	-	805	12,417	6,387	-	18,804		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100245-010	NATIONAL SCIENCE FOUNDATION	MA, G.	6,433	2,119	-	-	8,552	4,533	-	13,085		TRAD
100544-010	NATIONAL SCIENCE FOUNDATION	MA, G.	15,986	451	-	-	16,436	8,711	-	25,148		TRAD
400297-010	PADI FOUNDATION	MA, G.	-	-	3,691	-	3,691	-	-	3,691		TRAD
500302-010	A-ZONE ENVIRONMENTAL SERVICES LLC	MEKKAWY, M.	4,515	463	-	-	4,979	2,738	-	7,717		TRAD
300376-010	UNIVERSITY OF MEMPHIS	PALETI, R.	35,966	1,406	-	8,370	45,742	5,606	-	51,348		TRAD
200208-010	* VA DEPARTMENT OF TRANSPORTATION	PALETI, R.	-	-	-	(0)	(0)	-	-	(0)		TRAD
300305-010	* UNIVERSITY OF VIRGINIA	PALETI, R.	6,441	680	-	-	7,121	3,774	-	10,895		TRAD
300305-011	* UNIVERSITY OF VIRGINIA	PALETI, R.	5,994	-	-	-	5,994	3,177	-	9,171		TRAD
300305-013	* UNIVERSITY OF VIRGINIA	PALETI, R.	19,134	472	-	-	19,606	12,174	-	31,779		TRAD
300305-015	* UNIVERSITY OF VIRGINIA	PALETI, R.	9,694	-	-	-	9,694	5,138	-	14,832		TRAD
100580-010	NATIONAL SCIENCE FOUNDATION	STUART, B.	51,886	17,747	-	500,438	570,071	38,298	-	608,369		TRAD
100630-010	* NATIONAL SCIENCE FOUNDATION	STUART, B.	4,446	1,360	-	403	6,209	3,193	-	9,402		TRAD
500298-010	* FIBERIGHT, LLC	STUART, B.	3,860	1,111	-	-	4,971	2,734	-	7,706		TRAD
300403-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	TAHVILDARI, N.	-	2,841	-	-	2,841	-	-	2,841		TRAD
200226-010	* VA DEPARTMENT OF TRANSPORTATION	TAHVILDARI, N.	38,504	3,328	-	6,773	48,604	10,876	-	59,480		TRAD
300378-010	OLD DOMINION UNIVERSITY	WANG, X.	2,174	-	-	-	2,174	-	-	2,174		TRAD
600194-010	BEIJING J&C REAL ESTATE INVESTMENT CORP, LTD	WANG, X.	12,138	-	-	2,000	14,138	6,433	-	20,571		TRAD
			488,163	65,498	3,691	561,757	1,119,108	262,148	-	1,381,257	23.42%	
Electrical and Computer Engineering												
300311-010	ROCHESTER INSTITUE OF TECHNOLOGY	BAILEY, C.	16,184	2,118	-	2,255	20,557	9,700	-	30,257		TRAD
100256-010	* NATIONAL SCIENCE FOUNDATION	CHEN, C.	1,477	341	-	10,750	12,568	963	-	13,531		TRAD
400271-003	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	GONZALEZ, O.	24,648	1,539	-	1,401	27,587	6,808	-	34,396		TRAD
100238-010	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, K.	39,905	5,671	-	-	45,576	24,155	-	69,731		TRAD
100238-011	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, K.	1,217	-	-	-	1,217	-	-	1,217		TRAD
100594-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	IFTEKHARUDDIN, K.	102,436	65,216	-	-	167,652	92,209	-	259,860		TRAD
100648-010	* NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, K.	701	219	-	6,603	7,524	506	-	8,030		TRAD
100659-010	ARMY CONTRACTING COMMAND	IFTEKHARUDDIN, K.	2,373	148	-	-	2,521	1,639	-	4,159		TRAD
300305-012	* UNIVERSITY OF VIRGINIA	IFTEKHARUDDIN, K.	18,559	1,250	-	-	19,810	10,499	-	30,309		TRAD
400240-004	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	IFTEKHARUDDIN, K.	19,796	-	-	-	19,796	10,888	-	30,683		TRAD
100079-010	OFFICE OF NAVAL RESEARCH	JOSHI, R.	-	-	-	-	-	(1)	-	(1)		TRAD
100231-010	* NATIONAL SCIENCE FOUNDATION	JOSHI, R.	-	2,437	-	-	2,437	1,291	-	3,728		TRAD
100494-010	NATIONAL SCIENCE FOUNDATION	KRUSIENSKI, D.	32,354	6,265	1,219	-	39,838	20,468	-	60,306		TRAD
100613-010	NATIONAL SCIENCE FOUNDATION	KRUSIENSKI, D.	16,410	1,081	-	2,400	19,891	9,620	-	29,511		TRAD
300304-010	NORTH CAROLINA STATE UNIVERSITY	KRUSIENSKI, D.	38,710	1,497	-	-	40,208	21,310	-	61,517		TRAD
400243-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	KRUSIENSKI, D.	12,426	-	-	-	12,426	6,586	-	19,012		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100583-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	LAI, N.	45,933	20,136	-	-	66,069	5,286	-	71,354		TRAD
500262-010	BOVIE MEDICAL CORPORATION	LAROUSSI, M.	468	-	-	6,845	7,312	4,022	-	11,335		TRAD
500263-010	INTELLIGENT AUTOMATION, INC.	LI, J.	15,493	5,121	-	-	20,614	10,925	-	31,539		TRAD
500312-010	APPLIED RESEARCH LLC	LI, J.	8,713	-	-	-	8,713	4,792	-	13,506		TRAD
100648-010	* NATIONAL SCIENCE FOUNDATION	LI, J.	701	219	-	6,603	7,524	506	-	8,030		TRAD
100656-010	* NASA GODDARD SPACEFLIGHT CENTER	LI, J.	10,760	-	-	-	10,760	5,918	-	16,677		TRAD
500300-010	* EXCET, INC.	LI, J.	3,707	-	-	-	3,707	2,039	-	5,745		TRAD
100256-010	* NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	3,025	426	-	11,634	15,084	1,829	-	16,913		TRAD
300344-010	UNIVERSITY OF TOLEDO	MARSILLAC, S.	31,236	5,944	-	-	37,180	19,705	-	56,885		TRAD
300358-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	MARSILLAC, S.	12,128	1,782	-	-	13,909	7,650	-	21,560		TRAD
300428-010	COLORADO SCHOOL OF MINES	MARSILLAC, S.	17,141	1,715	-	-	18,856	-	-	18,856		TRAD
500153-010	* DOMINION RESOURCES SERVICES, INC.	MARSILLAC, S.	-	(491)	-	-	(491)	(260)	-	(751)		TRAD
500238-010	* NON-DISCLOSED	MARSILLAC, S.	(574)	(63)	-	(0)	(637)	(338)	-	(974)		TRAD
500238-020	* NON-DISCLOSED	MARSILLAC, S.	3,993	208	-	3	4,204	2,227	-	6,430		TRAD
100595-010	* NASA GODDARD SPACEFLIGHT CENTER	POPESCU, D.	79	568	-	-	647	168	-	815		TRAD
100248-010	NATIONAL SCIENCE FOUNDATION	XIN, C.	47,188	5,340	-	-	52,528	27,840	-	80,367		TRAD
100253-010	NATIONAL SCIENCE FOUNDATION	XIN, C.	52,708	8,060	-	7,700	68,468	32,207	-	100,675		TRAD
100253-040	NATIONAL SCIENCE FOUNDATION	XIN, C.	-	-	-	8,990	8,990	-	-	8,990		TRAD
100591-010	* NATIONAL SECURITY AGENCY	XIN, C.	5,236	3,185	-	734	9,155	5,474	-	14,629		TRAD
300374-010	SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY	ZHANG, Y.	32,919	14,634	-	4,197	51,751	26,154	-	77,905		TRAD
			618,051	154,563	1,219	70,115	843,949	372,787	-	1,216,735	44.17%	
Electrical and Computer Engineering - Applied Research Center												
300311-010	ROCHESTER INSTITUE OF TECHNOLOGY	BAILEY, C.	16,184	2,118	-	2,255	20,557	9,700	-	30,257		ARC
100221-010	* NATIONAL SCIENCE FOUNDATION	BAUMGART, H.	2,782	44	-	-	2,826	1,498	-	4,324		ARC
100473-010	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	BAUMGART, H.	38,126	2,369	-	-	40,494	10,529	-	51,023		ARC
300429-010	UNIVERSITY OF VIRGINIA	BAUMGART, H.	-	125	14,875	-	15,000	-	-	15,000		ARC
500284-010	SUMMIT INFORMATION SOLUTIONS, INC	BAUMGART, H.	53,759	86	-	-	53,845	14,000	-	67,845		ARC
500295-010	MICROXACT, INC.	BAUMGART, H.	11,557	171	-	-	11,728	3,049	-	14,777		ARC
300409-010	* UNIVERSITY OF VIRGINIA	BAUMGART, H.	-	4,392	-	-	4,392	-	-	4,392		ARC
100567-010	LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	9,314	-	-	-	9,314	2,422	-	11,735		ARC
100567-020	LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	9,732	-	-	-	9,732	2,530	-	12,262		ARC
100571-010	OFFICE OF NAVAL RESEARCH	ELSAYED-ALI, H.	1,473	275	-	916	2,664	852	-	3,516		ARC
400110-022	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, H.	4,664	-	-	-	4,664	-	-	4,664		ARC
400125-010	EMBODY	ELSAYED-ALI, H.	481	-	-	-	481	265	-	746		ARC
400198-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	ELSAYED-ALI, H.	-	(490)	-	0	(490)	(260)	-	(749)		ARC
500253-010	LIFENET	ELSAYED-ALI, H.	-	(250)	-	-	(250)	(137)	-	(387)		ARC
500254-010	VERTICAL CARBON TECHNOLOGIES, INC.	ELSAYED-ALI, H.	928	-	-	-	928	510	-	1,438		ARC
500258-010	NON-DISCLOSED	ELSAYED-ALI, H.	825	200	-	-	1,025	564	-	1,589		ARC
500276-010	LIFENET	ELSAYED-ALI, H.	613	-	-	251	863	474	-	1,338		ARC
500285-010	BNNT, LLC	ELSAYED-ALI, H.	49	2,470	-	-	2,519	1,386	-	3,905		ARC
500288-010	FACE CONSTRUCTION TECHNOLOGIES	ELSAYED-ALI, H.	495	-	-	-	495	272	-	767		ARC
500293-010	BNNT, LLC	ELSAYED-ALI, H.	550	1,100	-	-	1,650	908	-	2,558		ARC
100221-010	* NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, H.	22,258	349	-	-	22,607	11,982	-	34,589		ARC
100495-010	* NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, H.	-	268	-	-	268	142	-	410		ARC
200191-010	* CENTER FOR INNOVATIVE TECHNOLOGY	ELSAYED-ALI, H.	4,169	2,400	-	-	6,570	1,971	-	8,541		ARC
300409-010	* UNIVERSITY OF VIRGINIA	ELSAYED-ALI, H.	-	10,247	-	-	10,247	-	-	10,247		ARC

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100230-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	1,592	140	-	-	1,731	917	-	2,648		ARC
100256-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	668	426	-	15,241	16,334	580	-	16,914		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	-	268	-	-	268	142	-	410		ARC
300344-010		UNIVERSITY OF TOLEDO	MARSILLAC, S.	31,236	5,944	-	-	37,180	19,705	-	56,885		ARC
300358-010		UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	MARSILLAC, S.	12,128	1,782	-	-	13,909	7,650	-	21,560		ARC
300428-010		COLORADO SCHOOL OF MINES	MARSILLAC, S.	17,141	1,715	-	-	18,856	-	-	18,856		ARC
500153-010	*	DOMINION RESOURCES SERVICES, INC.	MARSILLAC, S.	-	(491)	-	-	(491)	(260)	-	(751)		ARC
500238-010	*	NON-DISCLOSED	MARSILLAC, S.	(574)	(63)	-	(0)	(637)	(338)	-	(974)		ARC
500238-020	*	NON-DISCLOSED	MARSILLAC, S.	3,993	208	-	-	4,201	2,227	-	6,428		ARC
300392-010		NORFOLK STATE UNIVERSITY	NAMKOONG, G.	5,533	-	-	-	5,533	3,043	-	8,577		ARC
100221-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	2,782	44	-	-	2,826	1,498	-	4,324		ARC
100230-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	5,173	452	-	-	5,625	2,981	-	8,607		ARC
100256-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	5,908	1,362	-	43,000	50,270	3,853	-	54,123		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	-	983	-	-	983	521	-	1,504		ARC
200191-010	*	CENTER FOR INNOVATIVE TECHNOLOGY	NAMKOONG, G.	9,728	5,601	-	-	15,329	4,599	-	19,928		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	RAMJEE, B.	-	268	-	-	268	142	-	410		ARC
				273,268	44,511	14,875	61,662	394,318	109,916	-	504,233	27.88%	
Electrical and Computer Engineering - Center for Bioelectrics													
100661-010		AIR FORCE RESEARCH LABORATORY	JIANG, C.	17,188	807	-	-	17,995	11,697	-	29,691		CBE
300281-010		UNIVERSITY OF SOUTHERN CALIFORNIA	JIANG, C.	36,046	17,627	-	2,622	56,295	28,447	-	84,742		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	JIANG, C.	-	-	-	2,600	2,600	1,377	-	3,977		CBE
600186-010	*	UNIVERSITY OF SOUTHAMPTON	KONG, M.	183,480	49,376	59,642	-	292,498	123,414	-	415,912		CBE
				236,714	67,810	59,642	5,222	369,388	164,935	-	534,322	44.65%	
Electrical and Computer Engineering - Center for Cybersecurity													
100612-010		NATIONAL SCIENCE FOUNDATION	WU, H.	13,832	8,939	-	-	22,771	12,524	-	35,295		CYBER
100527-016	*	NASA GODDARD SPACEFLIGHT CENTER	XIN, C.	-	-	-	381	381	-	-	381		CYBER
100648-010	*	NATIONAL SCIENCE FOUNDATION	XIN, C.	701	219	-	6,603	7,524	506	-	8,030		CYBER
				14,533	9,158	-	6,984	30,676	13,032	-	43,706	42.48%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Mechanical & Aerospace Engineering												
500091-020	MAGNEMOTION, INC.	ALBERTS, T.	-	-	-	172	172	85	-	257		TRAD
400203-001	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	ASH, R.	22,326	-	-	-	22,326	5,805	-	28,131		TRAD
100595-010	* NASA GODDARD SPACEFLIGHT CENTER	ASH, R.	79	568	-	-	647	168	-	815		TRAD
100588-010	* OFFICE OF NAVAL RESEARCH	BAWAB, S.	6,090	3,359	4,034	-	13,482	6,141	-	19,624		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	BAWAB, S.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
400311-010	* CHILDREN'S HEATH FOUNDATION, INC.	BAWAB, S.	5,321	832	-	-	6,153	-	-	6,153		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	BILGEN, O.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
100628-010	AMES RESEARCH LABS	BILGEN, O.	28,487	-	-	10,491	38,978	-	-	38,978		TRAD
400221-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, C.	99,971	-	-	-	99,971	25,993	-	125,964		TRAD
400271-002	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, C.	40,275	2,024	-	7,684	49,983	10,998	-	60,981		TRAD
500252-010	VIGYAN	BRITCHER, C.	35,361	1,002	-	2,285	38,647	9,454	-	48,102		TRAD
400080-003	* NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, C.	-	576	-	-	576	317	-	893		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	CHATURVEDI, S.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
400292-010	LMI	CREEDON, J.	61,823	3,148	-	(1)	64,970	35,734	-	100,704		TRAD
300398-010	UNIVERSITY OF VIRGINIA	GHOSH, D.	9,751	2,642	-	-	12,393	-	-	12,393		TRAD
500321-010	BNNT, LLC	GHOSH, D.	3,143	539	-	-	3,682	2,025	-	5,707		TRAD
100237-010	NATIONAL SCIENCE FOUNDATION	HAO, J.	-	-	-	4,800	4,800	-	-	4,800		TRAD
100458-010	NATIONAL SCIENCE FOUNDATION	HAO, J.	22,299	2,050	-	-	24,349	12,905	-	37,254		TRAD
100256-010	* NATIONAL SCIENCE FOUNDATION	HOU, G.	1,477	341	-	10,750	12,568	963	-	13,531		TRAD
100569-010	* OFFICE OF NAVAL RESEARCH	HOU, G.	-	863	24,080	-	24,943	-	-	24,943		TRAD
100588-010	* OFFICE OF NAVAL RESEARCH	HOU, G.	6,090	3,359	4,034	-	13,482	6,141	-	19,624		TRAD
100231-010	* NATIONAL SCIENCE FOUNDATION	HOU, G.	-	2,437	-	-	2,437	1,291	-	3,728		TRAD
400080-002	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	LANDMAN, D.	18,172	-	-	(0)	18,172	4,725	-	22,896		TRAD
400080-003	* NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	LANDMAN, D.	-	576	-	-	576	317	-	893		TRAD
100560-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	MARUTHAMUTHU, V.	30,664	29,580	-	20,345	80,589	31,929	-	112,518		TRAD
400255-010	JEFFRESS RESEARCH GRANTS PROGRAM	MARUTHAMUTHU, V.	45,416	22,040	7,035	-	74,492	-	-	74,492		TRAD
100549-010	AIR FORCE RESEARCH LABORATORY	NEWMAN, B.	42,156	1,116	-	-	43,272	15,578	-	58,850		TRAD
400311-010	* CHILDREN'S HEATH FOUNDATION, INC.	RINGLEB, S.	6,140	960	-	-	7,099	-	-	7,099		TRAD
100532-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	WRIGGERS, W.	152,303	3,727	-	-	156,030	87,709	-	243,740		TRAD
100593-010	* NATIONAL SCIENCE FOUNDATION	ZHANG, X.	1,106	512	-	17,739	19,357	890	-	20,246		TRAD
			678,676	92,284	44,341	74,263	889,565	291,839	-	1,181,404	32.81%	
Mechanical & Aerospace Engineering - Applied Research Center												
400110-011	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELMUSTAFA, A.	-	-	-	15,438	15,438	-	-	15,438		ARC
			-	-	-	15,438	15,439	-	-	15,438	0.00%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Engineering Technology													
100630-010	*	NATIONAL SCIENCE FOUNDATION	AYALA, O.	1,482	453	-	134	2,070	1,064	-	3,134		TRAD
300365-010	*	OLD DOMINION UNIVERSITY	CONSIDINE, C.	21,080	16,953	-	-	38,033	5,705	-	43,738		TRAD
400277-010	*	BLUE MOON FUND	CONSIDINE, C.	37,879	39,788	-	-	77,667	11,650	-	89,317		TRAD
400266-010	*	METAL BUILIDING MANUFACTURERS ASSOCIATION (MBMA)	ESCOBALES, N.	4,386	-	-	114	4,500	-	-	4,500		TRAD
400279-010		ADVANCED TECHNOLOGY INTERNATIONAL	FOSTER, D.	56,174	7,648	-	-	63,822	35,102	-	98,924		TRAD
100545-010		NATIONAL SCIENCE FOUNDATION	HSIUNG, S.	-	17,067	-	-	17,067	1,896	-	18,963		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	JOVANOVIC, V.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
300030-011	*	VA SPACE GRANT CONSORTIUM	JOVANOVIC, V.	9,586	543	-	96	10,226	-	-	10,226		TRAD
300361-010	*	TIDEWATER COMMUNITY COLLEGE	JOVANOVIC, V.	24,378	5,174	-	-	29,552	16,254	-	45,806		TRAD
300030-012	*	UNIVERSITY OF VIRGINIA	JOVANOVIC, V.	4,974	1,389	-	7,054	13,416	-	-	13,416		TRAD
300423-010	*	OLD DOMINION UNIVERSITY	JOVANOVIC, V.	5,348	1,452	-	912	7,712	-	-	7,712		TRAD
100572-010	*	OFFICE OF NAVAL RESEARCH	LAWRENCE, R.	2,277	-	-	-	2,277	1,480	-	3,757		TRAD
300365-010	*	OLD DOMINION UNIVERSITY	LESTER, J.	6,740	4,443	-	-	11,182	1,677	-	12,859		TRAD
100534-010		OFFICE OF NAVAL RESEARCH	MICHAELI, J.	10,545	10,355	-	-	20,900	11,897	-	32,797		TRAD
100538-010	*	OFFICE OF NAVAL RESEARCH	MICHAELI, J.	59,105	7,592	(975)	2,198	67,919	43,353	-	111,272		TRAD
100569-010	*	OFFICE OF NAVAL RESEARCH	MICHAELI, J.	-	1,725	48,160	-	49,885	-	-	49,885		TRAD
100572-010	*	OFFICE OF NAVAL RESEARCH	MICHAELI, J.	2,277	-	-	-	2,277	1,480	-	3,757		TRAD
100588-010	*	OFFICE OF NAVAL RESEARCH	MICHAELI, J.	8,119	4,478	5,378	-	17,976	8,189	-	26,165		TRAD
400296-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	MICHAELI, J.	20,090	-	-	-	20,090	7,032	-	27,122		TRAD
400296-020	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	MICHAELI, J.	2,067	-	-	-	2,067	-	-	2,067		TRAD
500271-010		NEWPORT NEWS SHIPBUILDING	MICHAELI, J.	-	1,851	-	-	1,851	-	-	1,851		TRAD
500278-010		APPLIED SYSTEMS AND TECHNOLOGY TRANSFER (AST2)	MICHAELI, J.	1,443	-	-	43	1,485	386	-	1,871		TRAD
100569-010	*	OFFICE OF NAVAL RESEARCH	MOSES, P.	-	1,725	48,160	-	49,885	-	-	49,885		TRAD
100527-014		NASA GODDARD SPACEFLIGHT CENTER	POPESCU, O.	-	3,698	-	-	3,698	-	-	3,698		TRAD
300365-010	*	OLD DOMINION UNIVERSITY	SEEK, M.	11,537	11,342	-	-	22,878	3,432	-	26,310		TRAD
400245-010		AMERICAN IRON AND STEEL INSTITUTION	SEEK, M.	1,339	583	-	2,379	4,300	-	-	4,300		TRAD
400296-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	SEEK, M.	20,090	-	-	-	20,090	7,032	-	27,122		TRAD
400327-010		AMERICAN IRON AND STEEL INSTITUTION	SEEK, M.	1,301	-	-	-	1,301	-	-	1,301		TRAD
400266-010	*	METAL BUILIDING MANUFACTURERS ASSOCIATION (MBMA)	SEEK, M.	5,360	-	-	140	5,500	-	-	5,500		TRAD
400296-020	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	SEEK, M.	2,067	-	-	-	2,067	-	-	2,067		TRAD
400110-013		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	TOMOVIC, M.	-	-	-	14,136	14,136	-	-	14,136		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	TOMOVIC, M.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
300361-010	*	TIDEWATER COMMUNITY COLLEGE	TOMOVIC, M.	4,876	1,035	-	-	5,910	3,251	-	9,161		TRAD
				351,338	145,983	104,163	27,206	628,690	182,660	-	811,348	29.05%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Engineering Management													
100247-010	*	NATIONAL SCIENCE FOUNDATION	DANIELS, C.	378	279	-	-	657	348	-	1,005		TRAD
100503-010		LANGLEY RESEARCH CENTER	GHEORGHE, A.	-	-	-	1,197	1,197	-	-	1,197		TRAD
100654-010	*	NATIONAL SECURITY AGENCY	GHEORGHE, A.	5,769	2,187	-	-	7,956	5,171	-	13,127		TRAD
500251-010		NON-DISCLOSED	HANDLEY, H.	8,494	-	-	-	8,494	4,502	-	12,995		TRAD
500260-010		CONTRACTING RESOURCES GROUP	HANDLEY, H.	6,852	769	-	0	7,621	4,039	-	11,660		TRAD
500260-020		CONTRACTING RESOURCES GROUP	HANDLEY, H.	3,050	486	-	-	3,536	1,874	-	5,410		TRAD
500294-010		NON-DISCLOSED	HANDLEY, H.	65,502	1,361	-	-	66,863	36,774	-	103,637		TRAD
100488-010	*	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	HESTER, P.	10,079	453	-	-	10,532	5,582	-	16,114		TRAD
200222-010		CITY OF NEWPORT NEWS	HESTER, P.	169	275	-	-	444	115	-	560		TRAD
400192-000		PRIVATE SPONSOR	KEATING, C.	-	587	-	-	587	-	-	587		TRAD
100247-010	*	NATIONAL SCIENCE FOUNDATION	PAZOS-LAGO, P.	1,638	1,208	-	-	2,846	1,509	-	4,355		TRAD
500205-011		VIRGINIA NATURAL GAS	PAZOS-LAGO, P.	175	-	-	1	176	47	-	223		TRAD
500297-010		VIRGINIA NATURAL GAS	PAZOS-LAGO, P.	10,168	-	-	-	10,168	2,745	-	12,914		TRAD
300413-010		UNIVERSITY OF VIRGINIA	PINTO, C.	5,452	-	-	-	5,452	1,418	-	6,870		TRAD
400310-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	PINTO, C.	-	7,740	-	7,350	15,090	2,012	-	17,102		TRAD
500304-010		FM GLOBAL	PINTO, C.	41,486	-	-	1	41,486	22,818	-	64,304		TRAD
100654-010	*	NATIONAL SECURITY AGENCY	PINTO, C.	5,769	2,187	-	-	7,956	5,171	-	13,127		TRAD
600187-010		QATAR UNIVERSITY	RABADI, G.	-	1,883	-	-	1,883	377	-	2,260		TRAD
600195-010		QATAR UNIVERSITY	RABADI, G.	64,657	3,673	-	-	68,329	13,666	-	81,995		TRAD
600203-010	*	NATO	RABADI, G.	14,451	-	-	1	14,452	7,949	-	22,400		TRAD
600203-010	*	NATO	SECK, M.	14,451	-	-	1	14,452	7,949	-	22,400		TRAD
				258,538	23,087	-	8,551	290,176	124,071	-	414,241	42.76%	
Modeling, Simuation & Visualization													
400027-010		JEFFRESS RESEARCH GRANTS PROGRAM	AUDETTE, M.	-	-	-	-	-	-	-	-		TRAD
400311-010	*	CHILDREN'S HEATH FOUNDATION, INC.	AUDETTE, M.	9,005	1,408	-	-	10,412	-	-	10,412		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	AUDETTE, M.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
500198-020	*	CHILDREN'S SURGICAL SPECIALTY GROUP, INC.	AUDETTE, M.	11,616	-	-	-	11,616	6,389	-	18,005		TRAD
600206-010	*	NATO	LEATHRUM, J.	2,708	-	-	1,937	4,645	2,555	-	7,200		TRAD
100599-010	*	OFFICE OF NAVAL RESEARCH	MCKENZIE, F.	13,409	3,345	1,719	-	18,473	10,890	-	29,363		TRAD
500198-020	*	CHILDREN'S SURGICAL SPECIALTY GROUP, INC.	MCKENZIE, F.	11,616	-	-	-	11,616	6,389	-	18,005		TRAD
600204-010		YONSEI UNIVERSITY COLLEGE OF MEDICINE	MCKENZIE, F.	632	5,265	-	5,535	11,433	6,288	-	17,721		TRAD
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	MIELKE, R.	3,032	-	-	-	3,032	1,971	-	5,002		TRAD
400203-003		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	SHEN, Y.	1,391	-	-	-	1,391	765	-	2,156		TRAD
100538-010	*	OFFICE OF NAVAL RESEARCH	SHEN, Y.	59,105	7,592	(975)	2,198	67,919	43,353	-	111,272		TRAD
300359-010	*	DUKE UNIVERSITY	SHEN, Y.	5,525	2,919	-	-	8,444	2,111	-	10,555		TRAD
300418-010	*	DUKE UNIVERSITY	SHEN, Y.	1,226	176	-	-	1,403	351	-	1,753		TRAD
600206-010	*	NATO	SHEN. Y.	1,806	-	-	1,291	3,097	1,703	-	4,800		TRAD
100518-010		AMES RESEARCH LABS	SOSONKINA, M.	15,871	1,702	-	-	17,573	9,314	-	26,887		TRAD
300241-010		IOWA STATE UNIVERSITY	SOSONKINA, M.	56,243	16,285	-	-	72,527	38,439	-	110,967		TRAD
300343-020		IOWA STATE UNIVERSITY	SOSONKINA, M.	72,983	4,671	-	-	77,653	41,156	-	118,810		TRAD
400271-004		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	SOSONKINA, M.	36,521	-	-	-	36,521	20,086	-	56,607		TRAD
				316,097	46,707	2,464	10,961	376,226	202,649	-	578,878	53.86%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Modeling, Simulation & Visualization - VMASC													
100105-062		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	1,131	-	-	21,700	22,830	396	-	23,226		VMASC
100105-064		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	-	-	-	43,278	43,278	-	-	43,278		VMASC
100105-065	*	NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	6,915	-	-	(0)	6,915	2,420	-	9,335		VMASC
100105-066		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	21,212	4,900	-	-	26,111	9,139	-	35,250		VMASC
100105-067		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	734	-	-	150,787	151,521	257	-	151,777		VMASC
100105-068		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	734	-	-	24,100	24,834	257	-	25,091		VMASC
100105-069		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	18,237	-	-	-	18,237	6,383	-	24,620		VMASC
100105-070		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	734	-	-	15,795	16,529	257	-	16,785		VMASC
100561-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	-	3,935	-	669	4,604	1,473	-	6,077		VMASC
100590-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	2,463	24,142	-	-	26,604	9,578	-	36,182		VMASC
100622-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	33,999	-	-	-	33,999	12,240	-	46,239		VMASC
100624-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	1,433	25,000	-	2,000	28,433	9,516	-	37,949		VMASC
100634-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	1,071	25,000	-	52,553	78,624	9,385	-	88,009		VMASC
100642-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	704	13,500	-	1,441	15,645	5,114	-	20,759		VMASC
100643-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	10,130	-	-	-	10,130	3,647	-	13,776		VMASC
300337-010	*	OLD DOMINION UNIVERSITY	SOKOLOWSKI, J.	347	264	-	-	610	-	-	610		VMASC
400193-000		NON-DISCLOSED	SOKOLOWSKI, J.	3,458	4,665	-	10,000	18,122	-	-	18,122		VMASC
				103,300	101,404	-	322,322	527,027	70,061	-	597,087	13.29%	
TOTAL ENGINEERING				**$ 3,513,474**	**$ 815,941**	**$ 232,273**	**$ 1,194,299**	**$ 5,755,987**	**$ 1,937,691**	**$ -**	**$ 7,693,678**	**33.66%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
HEALTH SCIENCES													
Community & Environmental Health													
400277-010	*	BLUE MOON FUND	BECKER, S.	4,209	4,421	-	-	8,630	1,294	-	9,924		TRAD
100446-010		CENTERS FOR DISEASE CONTROL AND PREVENTION (DHHS)	BLANDO, J.	7,329	-	-	-	7,329	3,664	-	10,993		TRAD
100641-010		NAVAL MEDICAL CENTER PORTSMOUTH	CRAMER, R.	1,294	-	-	-	1,294	336	-	1,631		TRAD
500286-010		CONSOLIDATED CONTINUING EDUCATION AND PROFESSIONA	CRAMER, R.	2,014	-	-	-	2,014	-	-	2,014		TRAD
100506-010	*	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	JENG, A.	7,658	24,608	-	-	32,266	-	-	32,266		TRAD
400298-010		GREATER SOUTHEAST DEVELOPMENT CORPORATION	JENG, A.	3,318	729	-	-	4,047	-	-	4,047		TRAD
100620-010		U.S. DEPARTMENT OF AGRICULTURE	ZHANG, H.	9,823	2,058	-	-	11,881	1,188	-	13,069		TRAD
100645-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	ZHANG, H.	2,048	2,402	-	-	4,449	2,447	-	6,896		TRAD
300269-010		UNIVERSITY OF BUFFALO	ZHANG, H.	(1,758)	-	-	-	(1,758)	(932)	-	(2,689)		TRAD
300359-010	*	DUKE UNIVERSITY	ZHANG, H.	7,367	3,892	-	-	11,259	2,815	-	14,074		TRAD
300416-010		OLD DOMINION UNIVERSITY	ZHANG, H.	2,806	-	-	-	2,806	1,543	-	4,349		TRAD
300418-010	*	DUKE UNIVERSITY	ZHANG, H.	1,635	235	-	-	1,870	468	-	2,338		TRAD
				47,742	38,345	-	-	86,089	12,824	-	98,912	14.90%	
Dental Hygiene													
400267-010		AMERICAN DENTAL HYGIENE ASSOCIATION	LEMASTER, M.	3,230	1,386	-	-	4,616	-	-	4,616		TRAD
300318-010		OLD DOMINION UNIVERSITY	MCCOMBS, G.	24,356	250	-	-	24,606	7,382	-	31,987		TRAD
300349-011	*	EASTERN VIRGINIA MEDICAL SCHOOL	MCCOMBS, G.	2,811	-	-	-	2,811	225	-	3,035		TRAD
300349-011	*	EASTERN VIRGINIA MEDICAL SCHOOL	TOLLE, S.	2,811	-	-	-	2,811	225	-	3,035		TRAD
				33,207	1,636	-	-	34,844	7,831	-	42,674	22.48%	
Medical Diagnostic Translation Sciences													
200194-010	*	COMMONWEALTH HEALTH RESEARCH BOARD	BRUNO, R.	35,578	10,335	-	-	45,914	-	-	45,914		TRAD
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	LEATHRUM, J.	3,032	-	-	-	3,032	1,971	-	5,002		TRAD
300364-010		OLD DOMINION UNIVERSITY	OGLE, R.	146,383	6,828	-	139,838	293,049	45,963	-	339,013		TRAD
100578-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RIETHMAN, H.	28,010	9,116	-	62,261	99,387	20,419	-	119,807		TRAD
100582-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RIETHMAN, H.	-	25,000	-	21,248	46,248	13,750	-	59,998		TRAD
300375-010		UNIVERSITY OF PENNSYLVANIA	RIETHMAN, H.	16,723	12,012	-	-	28,734	15,804	-	44,538		TRAD
400272-010		THE WISTAR INSTITUTE	RIETHMAN, H.	19,920	-	-	-	19,920	10,956	-	30,875		TRAD
200194-010	*	COMMONWEALTH HEALTH RESEARCH BOARD	SACHS, P.	35,578	10,335	-	-	45,914	-	-	45,914		TRAD
				285,224	73,627	-	223,347	582,198	108,863	-	691,061	18.70%	
Medical Diagnostic Translation Sciences - Center for Bioelectrics													
500226-003	*	PULSE BIOSCIENCES (ELECTROBLATE)	HARGRAVE, B.	-	12	-	99	111	59	-	169		CBE
100579-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, L.	93,539	33,557	-	80,573	207,669	69,903	-	277,572		CBE
500226-002	*	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, L.	423	-	-	1,669	2,092	1,084	-	3,176		CBE
100516-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, R.	160,058	106,989	-	23,739	290,786	141,535	-	432,321		CBE
400231-010		OLD DOMINION UNIVERSITY	HELLER, R.	-	1,171	-	72,716	73,887	8,668	-	82,555		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, R.	-	-	-	2,600	2,600	1,377	-	3,977		CBE
				254,020	141,729	-	181,396	577,145	222,628	-	799,770	38.57%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Nursing												
100566-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	ADAMS, T.	13,411	540	-	-	13,950	1,116	-	15,066		TRAD
100566-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	ADAMS-TUFTS, K.	74,589	1,913	-	11,932	88,434	6,120	-	94,554		TRAD
100596-010	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	APATOV, N.	-	-	-	17,827	17,827	-	-	17,827		TRAD
100533-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	FOWLER, C.	3,278	377	-	23,106	26,761	292	-	27,054		TRAD
100533-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	FOWLER, C.	56,330	5,955	-	54,782	117,068	4,983	-	122,050		TRAD
300335-010	* VIRGINIA COMMONWEALTH UNIVERSITY	FOWLER, C.	-	105	-	-	105	-	-	105		TRAD
100478-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HANEY, T.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HANEY, T.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD
100533-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HANEY, T.	3,278	377	-	23,106	26,761	292	-	27,054		TRAD
100533-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HANEY, T.	56,330	5,955	-	54,782	117,068	4,983	-	122,050		TRAD
100566-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HAWKINS, J.	13,411	540	-	-	13,950	1,116	-	15,066		TRAD
100566-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HAWKINS, J.	111,883	2,870	-	17,898	132,651	9,180	-	141,832		TRAD
100566-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KARLOWICZ, K.	8,940	360	-	-	9,300	744	-	10,044		TRAD
100566-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KARLOWICZ, K.	74,589	1,913	-	11,932	88,434	6,120	-	94,554		TRAD
300335-010	* VIRGINIA COMMONWEALTH UNIVERSITY	KARLOWICZ, K.	-	105	-	-	105	-	-	105		TRAD
400256-010	VIRGINIA NURSES FOUNDATION	KARLOWICZ, K.	-	-	-	(100)	(100)	-	-	(100)		TRAD
100478-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	MURRAY, D.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	MURRAY, D.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD
100478-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD
100533-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	3,278	377	-	23,106	26,761	292	-	27,054		TRAD
100533-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	56,330	5,955	-	54,782	117,068	4,983	-	122,050		TRAD
100600-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	-	3,000	-	346,992	349,992	-	-	349,992		TRAD
100373-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	-	-	-	(2,000)	(2,000)	-	-	(2,000)		TRAD
100478-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	9,036	-	-	8,139	17,175	723	-	17,897		TRAD
100478-030	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	120,126	3,135	-	22,072	145,333	9,861	-	155,194		TRAD
100533-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	4,917	565	-	34,659	40,142	439	-	40,580		TRAD
100533-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	84,496	8,932	-	82,173	175,601	7,474	-	183,076		TRAD
100600-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	-	-	-	-	-	-	-	-		TRAD
100533-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	WILES, L.	1,639	188	-	11,553	13,381	146	-	13,527		TRAD
100533-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	WILES, L.	28,165	2,977	-	27,391	58,534	2,491	-	61,025		TRAD
100566-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	WILES, L.	8,940	360	-	-	9,300	744	-	10,044		TRAD
100566-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	WILES, L.	111,883	2,870	-	17,898	132,651	9,180	-	141,832		TRAD
			941,721	51,721	-	864,690	1,858,132	79,221	-	1,937,351	4.26%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Physical Therapy												
400233-010	NATIONAL ATHLETIC TRAINERS' ASSOCIATION	HOCH, J.	-	-	-	-	-	-	-	-		TRAD
400315-010	MID ATLANTIC TRAINERS' ASSOCIATION	HOCH, J.	-	-	-	270	270	-	-	270		TRAD
400263-010	* EASTERN ATHLETIC TRAINER'S ASSOCIATION	HOCH, J.	1,822	529	-	-	2,352	-	-	2,352		TRAD
400314-010	MID ATLANTIC TRAINERS' ASSOCIATION	HOCH, M.	-	-	-	60	60	-	-	60		TRAD
400263-010	* EASTERN ATHLETIC TRAINER'S ASSOCIATION	HOCH, M.	1,822	529	-	-	2,352	-	-	2,352		TRAD
100478-010	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KOTT, K.	2,259	-	-	2,035	4,294	181	-	4,474		TRAD
100478-030	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KOTT, K.	30,031	784	-	5,518	36,333	2,465	-	38,798		TRAD
300331-010	GEORGE MASON UNIVERSITY	MORRISON, S.	6,144	-	-	-	6,144	-	-	6,144		TRAD
300383-010	GEORGE MASON UNIVERSITY	MORRISON, S.	9,000	-	-	-	9,000	-	-	9,000		TRAD
400056-010	* AMERICAN DIABETES ASSOCIATION	MORRISON, S.	7,660	162	-	60	7,882	1,173	-	9,056		TRAD
300266-010	OHIO STATE UNIVERSITY	VAN LUNEN, B.	4,497	-	-	-	4,497	2,384	-	6,881		TRAD
400278-010	MID ATLANTIC TRAINERS' ASSOCIATION	VAN LUNEN, B.	-	1,040	-	-	1,040	-	-	1,040		TRAD
			63,237	3,045	-	7,943	74,225	6,203	-	80,427	8.36%	
TOTAL HEALTH SCIENCES			**$ 1,625,151**	**$ 310,102**	**$ -**	**$ 1,277,376**	**$ 3,212,633**	**$ 437,568**	**$ -**	**$ 3,650,195**	**13.62%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
SCIENCES													
Biological Sciences													
400001-010		HOWARD HUGHES MEDICAL INSTITUTE	BAREKZI, N.	-	-	-	75	75	-	-	75		TRAD
400270-010		HOWARD HUGHES MEDICAL INSTITUTE	BAREKZI, N.	-	8,790	-	-	8,790	-	-	8,790		TRAD
100529-010		NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BARSHIS, D.	7,573	20,723	-	-	28,296	7,074	-	35,370		TRAD
300386-010		VA INSTITUTE OF MARINE SCIENCE (VIMS)	BARSHIS, D.	20,211	8,883	-	-	29,094	-	-	29,094		TRAD
100603-010		NATIONAL SCIENCE FOUNDATION	BARTOL, I.	18,263	3,792	29,501	-	51,556	12,130	-	63,687		TRAD
100610-010		NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BUTLER, M.	28,098	25,541	-	-	53,639	13,946	-	67,585		TRAD
200214-010		FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, M.	-	-	-	5,634	5,634	1,465	-	7,099		TRAD
200214-011		FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, M.	18,564	12,146	13,750	-	44,460	7,985	-	52,445		TRAD
200223-010		FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, M.	-	2,300	-	0	2,300	-	-	2,300		TRAD
300288-010		UNIVERSITY OF FLORIDA	BUTLER, M.	832	256	-	-	1,087	272	-	1,359		TRAD
300379-010		UNIVERSITY OF FLORIDA	BUTLER, M.	22,574	17,402	-	-	39,975	10,394	-	50,369		TRAD
600182-010		GOVERNMENT OF THE BAHAMAS	BUTLER, M.	-	4,173	-	-	4,173	-	-	4,173		TRAD
100235-010		NATIONAL SCIENCE FOUNDATION	CARPENTER, K.	3,648	9,842	-	-	13,490	7,149	-	20,639		TRAD
300347-010		ARIZONA STATE UNIVERSITY	CARPENTER, K.	16,343	-	-	489	16,832	-	-	16,832		TRAD
400316-010		THE NATIONAL ACADEMIES	CARPENTER, K.	28,958	-	-	1,088	30,046	7,529	-	37,576		TRAD
600185-010		WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	46,887	1,168	-	2,934	50,989	14,416	-	65,405		TRAD
600190-010		WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	36,001	4,829	-	-	40,829	2,041	-	42,871		TRAD
600207-010		WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	77,576	13,793	-	3,412	94,781	10,051	-	104,832		TRAD
100550-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	DAINES, D.	107,516	78,466	-	-	185,982	98,571	-	284,553		TRAD
300334-011		OLD DOMINION UNIVERSITY	DAUER, D.	9,047	-	-	30,039	39,087	3,622	-	42,709		TRAD
300334-012		OLD DOMINION UNIVERSITY	DAUER, D.	3,873	-	-	12,665	16,538	1,654	-	18,191		TRAD
300384-011		OLD DOMINION UNIVERSITY	DAUER, D.	159,370	17,916	-	-	177,286	15,425	-	192,712		TRAD
300384-012		OLD DOMINION UNIVERSITY	DAUER, D.	78,394	-	-	-	78,394	7,381	-	85,775		TRAD
400294-010		ELIZABETH RIVER PROJECT (LIVING RIVER RESTORATION TRU	DAUER, D.	16,005	1,355	-	-	17,359	-	-	17,359		TRAD
200195-010		HAMPTON ROADS SANITATION DISTRICT COMMISSION	EGERTON, T.	850	(559)	-	4,416	4,707	1,189	-	5,895		TRAD
200218-010		VA DEPARTMENT OF HEALTH	EGERTON, T.	26,582	7,273	-	-	33,855	2,658	-	36,513		TRAD
300334-014		OLD DOMINION UNIVERSITY	EGERTON, T.	3,845	424	-	43,732	48,000	4,800	-	52,801		TRAD
300384-013		OLD DOMINION UNIVERSITY	EGERTON, T.	86,194	1,992	-	-	88,186	8,819	-	97,004		TRAD
100586-010		U.S. DEPARTMENT OF AGRICULTURE	GAFF, H.	-	13,603	-	-	13,603	-	-	13,603		TRAD
100623-010		NON-DISCLOSED	GAFF, H.	51,849	-	-	3,412	55,261	16,592	-	71,852		TRAD
400214-010		THE JAYNE KOSKINAS TED GIOVANIS FOUNDATION FOR HEAL	GAFF, H.	-	-	-	1,714	1,714	189	-	1,903		TRAD
200200-010	*	VA DEPARTMENT OF GAME AND INLAND FISHERIES	GAFF, H.	7,403	2,170	-	-	9,573	-	-	9,573		TRAD
200200-010	*	VA DEPARTMENT OF GAME AND INLAND FISHERIES	GAUTHIER, D .	22,208	6,510	-	-	28,718	-	-	28,718		TRAD
300387-010		VA INSTITUTE OF MARINE SCIENCE (VIMS)	GAUTHIER, D.	4,954	2,303	-	-	7,257	-	-	7,257		TRAD
400210-010	*	JEFFRESS RESEARCH GRANTS PROGRAM	GAUTHIER, D.	2,033	-	-	1	2,034	-	-	2,034		TRAD
200186-010		VA DEPARTMENT OF AGRICULTURE	HORTH, L.	-	30	-	-	30	-	-	30		TRAD
200212-010		VA DEPARTMENT OF AGRICULTURE	HORTH, L.	5,940	6,005	-	-	11,945	-	-	11,945		TRAD
200239-010		VA DEPARTMENT OF AGRICULTURE	HORTH, L.	1,178	19,681	-	-	20,859	-	-	20,859		TRAD
200239-010		VA DEPARTMENT OF AGRICULTURE	HORTH, L.	-	524	-	-	524	-	-	524		TRAD
400268-010		VIRGINIA STATE BEEKEEPERS ASSOCIATION	HORTH, L.	-	46	-	-	46	-	-	46		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
400215-010	THE JAYNE KOSKINAS TED GIOVANIS FOUNDATION FOR HEAL	HYNES, W.	-	(129)	-	-	(129)	(14)	-	(143)		TRAD
400299-010	FAUQUIER LYME SUPPORT GROUP	HYNES, W.	5,917	9,016	-	-	14,933	-	-	14,933		TRAD
100496-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KRAJ, P.	53,936	50,399	-	-	104,335	55,298	-	159,633		TRAD
300400-010	SAN DIEGO STATE UNIVERSITY RESEARCH FOUNDATION	MAXWELL, S.	10,912	-	-	-	10,912	6,002	-	16,914		TRAD
400287-001	CALIFORNIA SEA GRANT	MAXWELL, S.	16,321	-	-	-	16,321	8,976	-	25,297		TRAD
400287-002	CALIFORNIA SEA GRANT	MAXWELL, S.	-	-	-	27,603	27,603	-	-	27,603		TRAD
400302-010	JEFFRESS RESEARCH GRANTS PROGRAM	MAXWELL, S.	18,889	25,874	-	-	44,763	-	-	44,763		TRAD
400304-010	ALFRED P. SLOAN FOUNDATION	MAXWELL, S.	8,697	191	-	-	8,888	-	-	8,888		TRAD
100555-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	OSGOOD, C.	1,637	107	-	-	1,744	959	-	2,702		TRAD
100585-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	OSGOOD, C.	13,710	2,048	-	-	15,758	8,667	-	24,424		TRAD
100542-010	NATIONAL SCIENCE FOUNDATION	WALTERS, E.	40,601	7,300	-	29,225	77,126	12,454	-	89,581		TRAD
200174-010	MARYLAND DEPARTMENT OF NATURAL RESOURCES	WALTERS, E.	3,407	-	-	-	3,407	886	-	4,293		TRAD
400254-010	VIRGINIA ACADEMY OF SCIENCE	WALTERS, E.	-	-	-	52	52	-	-	52		TRAD
400261-010	COASTAL VIRGINIA WILDLIFE OBSERVATORY	WALTERS, E.	-	253	-	-	253	-	-	253		TRAD
400306-010	COASTAL VIRGINIA WILDLIFE OBSERVATORY	WALTERS, E.	7,193	596	-	-	7,789	-	-	7,789		TRAD
			1,093,985	387,031	43,251	166,492	1,690,759	348,578	-	2,039,337	20.62%	
Center for Coastal Physical Oceanography												
300205-010	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	ATKINSON, L.	29,289	32,779	-	-	62,068	31,034	-	93,103		TRAD
300385-010	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	ATKINSON, L.	49,104	35,908	-	-	85,011	46,756	-	131,768		TRAD
300273-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M.	2,307	4,395	-	2,357	9,059	2,329	-	11,388		TRAD
300273-011	VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M.	47,725	1,118	-	3,945	52,788	-	-	52,788		TRAD
100325-020	* NATIONAL SCIENCE FOUNDATION	DINNIMAN, M.	2,376	174	-	-	2,549	1,275	-	3,824		TRAD
100511-010	NASA/HEADQUARTERS	HAMLINGTON, B.	9,505	7,583	-	12,567	29,655	9,057	-	38,712		TRAD
100577-010	NATIONAL SCIENCE FOUNDATION	HAMLINGTON, B.	10,478	494	-	-	10,972	6,034	-	17,006		TRAD
100589-010	NASA GODDARD SPACEFLIGHT CENTER	HAMLINGTON, B.	9,614	4,234	-	-	13,848	7,616	-	21,464		TRAD
100657-010	NASA GODDARD SPACEFLIGHT CENTER	HAMLINGTON, B.	-	884	-	-	884	486	-	1,370		TRAD
300372-010	UNIVERSITY OF COLORADO	HAMLINGTON, B.	13,355	-	-	-	13,355	7,078	-	20,434		TRAD
100217-010	* NATIONAL SCIENCE FOUNDATION	HOFMANN, E.	-	8,527	-	99,065	107,592	4,519	-	112,111		TRAD
100325-020	* NATIONAL SCIENCE FOUNDATION	HOFMANN, E.	2,376	174	-	-	2,549	1,275	-	3,824		TRAD
100477-010	* NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HOFMANN, E.	1,406	2,500	-	8,205	12,112	977	-	13,088		TRAD
100539-010	* NATIONAL SCIENCE FOUNDATION	HOFMANN, E.	18,310	4,122	-	-	22,433	11,889	-	34,322		TRAD
300279-010	PENNSYLVANIA STATE UNIVERSITY	HOFMANN, E.	29,680	-	-	-	29,680	15,730	-	45,410		TRAD
300322-010	UNIVERSITY OF SOUTHERN MISSISSIPPI	HOFMANN, E.	105,322	1,320	-	-	106,642	56,520	-	163,162		TRAD
100325-020	* NATIONAL SCIENCE FOUNDATION	KLINCK, J.	2,376	174	-	-	2,549	1,275	-	3,824		TRAD
100598-010	NATIONAL SCIENCE FOUNDATION	KLINCK, J.	16,223	21	-	-	16,244	8,934	-	25,179		TRAD
100217-010	* NATIONAL SCIENCE FOUNDATION	KLINCK, J.	-	8,527	-	99,065	107,592	4,519	-	112,111		TRAD
100539-010	* NATIONAL SCIENCE FOUNDATION	ST- LAURENT, P.	18,310	4,122	-	-	22,433	11,889	-	34,322		TRAD
			367,755	117,056	-	225,204	710,016	229,194	-	939,208	32.28%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Center for Coastal Physical Oceanography - MARI												
100565-010	U.S. FISH AND WILDLIFE SERVICES	PLAG, H.	44,963	1,087	-	12,136	58,186	-	-	58,186		TRAD
			44,963	1,087	-	12,136	58,186	-	-	58,186	0.00%	
Chemistry and Biochemistry												
100646-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BAYSE, C.	5,178	500	29,569	-	35,247	3,123	-	38,370		TRAD
100038-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	25,865	(530)	-	-	25,335	13,428	-	38,763		TRAD
100039-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	98,740	12,767	-	-	111,507	59,099	-	170,606		TRAD
100456-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	88,165	5,074	-	-	93,240	49,417	-	142,657		TRAD
100465-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	67,707	3,725	-	-	71,432	37,859	-	109,291		TRAD
100584-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	19,358	739	-	-	20,097	11,054	-	31,151		TRAD
100611-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	19,868	-	-	-	19,868	10,927	-	30,795		TRAD
300275-010	OLD DOMINION UNIVERSITY	BERNATH, P.	79,386	2,192	-	84,009	165,588	43,237	-	208,825		TRAD
500266-010	BRUKER OPTICS, INC.	COOPER, J.	2,242	-	-	-	2,242	1,233	-	3,474		TRAD
200193-001	HAMPTON ROADS SANITATION DISTRICT COMMISSION	DONAT, J.	-	423	-	-	423	233	-	656		TRAD
300334-013	OLD DOMINION UNIVERSITY	DONAT, J.	25,262	37,119	-	71,927	134,308	5,776	-	140,084		TRAD
300384-010	OLD DOMINION UNIVERSITY	DONAT, J.	299,092	161,288	-	-	460,380	37,226	-	497,606		TRAD
100627-010	* U.S. DEPARTMENT OF AGRICULTURE	GREENE, L .	18,557	5,221	-	-	23,778	10,191	-	33,969		TRAD
100513-010	NATIONAL SCIENCE FOUNDATION	HATCHER, P.	34,795	5,474	-	-	40,269	21,342	-	61,611		TRAD
100597-010	NATIONAL SCIENCE FOUNDATION	HATCHER, P.	76,104	12,073	-	-	88,177	48,497	-	136,674		TRAD
300006-010	UNIVERSITY OF MAINE	HATCHER, P.	19,894	4,268	-	-	24,163	7,249	-	31,412		TRAD
300323-010	TEXAS A&M UNIVERSITY	HATCHER, P.	64,077	23,304	-	-	87,381	46,312	-	133,692		TRAD
100452-010	NATIONAL SCIENCE FOUNDATION	HOLDER, A.	19,207	3,575	-	-	22,781	12,074	-	34,855		TRAD
100452-020	NATIONAL SCIENCE FOUNDATION	HOLDER, A.	-	1,023	-	4,500	5,523	-	-	5,523		TRAD
100627-010	* U.S. DEPARTMENT OF AGRICULTURE	LEE, J.	43,299	12,183	-	-	55,481	23,779	-	79,261		TRAD
100450-010	NATIONAL SCIENCE FOUNDATION	MAO, J.	10,447	3,395	-	-	13,842	7,337	-	21,179		TRAD
100637-010	U.S. GEOLOGICAL SURVEY	MAO, J.	1,944	4,428	-	-	6,372	-	-	6,372		TRAD
100512-010	* NATIONAL SCIENCE FOUNDATION	MOPPER, K.	17,674	14,633	-	-	32,307	16,621	-	48,929		TRAD
100512-012	NATIONAL SCIENCE FOUNDATION	MOPPER, K.	-	-	-	2,430	2,430	-	-	2,430		TRAD
100512-020	* NATIONAL SCIENCE FOUNDATION	MOPPER, K.	6,202	2	-	-	6,204	3,288	-	9,493		TRAD
100512-020	* NATIONAL SCIENCE FOUNDATION	MOPPER, K.	5,891	211	-	-	6,102	3,234	-	9,336		TRAD
100512-021	NATIONAL SCIENCE FOUNDATION	MOPPER, K.	-	4,740	-	-	4,740	2,512	-	7,253		TRAD
100556-010	NATIONAL SCIENCE FOUNDATION	POUTSMA, J.	7,448	-	-	-	7,448	3,947	-	11,395		TRAD
300355-010	COLLEGE OF WILLIAM AND MARY	POUTSMA, J.	12,085	-	-	-	12,085	6,405	-	18,490		TRAD
100606-010	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PURCELL, E.	51,389	56,212	-	-	107,601	8,608	-	116,209		TRAD
100236-010	NATIONAL SCIENCE FOUNDATION	WANG, G.	45,655	17,416	-	-	63,070	33,427	-	96,497		TRAD
500256-010	BOEHRINGER INGELHEIM	WANG, G.	18,857	4,227	-	-	23,084	-	-	23,084		TRAD
500301-010	BOEHRINGER INGELHEIM	WANG, G.	3,215	-	-	-	3,215	-	-	3,215		TRAD
100523-010	NATIONAL SCIENCE FOUNDATION	WOZNIAK, A.	34,549	2,975	-	-	37,524	19,888	-	57,411		TRAD
200235-010	MASSACHUSETTS DIVISION OF MARINE FISHERIES	WOZNIAK, A.	6,704	-	-	-	6,704	3,687	-	10,392		TRAD
100555-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XU, N .	31,094	2,033	-	-	33,127	18,220	-	51,347		TRAD
100585-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XU, N .	54,839	8,191	-	-	63,030	34,667	-	97,697		TRAD
100254-010	NATIONAL SCIENCE FOUNDATION	XU, N.	1,435	47	-	-	1,482	785	-	2,267		TRAD
100254-011	NATIONAL SCIENCE FOUNDATION	XU, N.	-	-	-	98	98	-	-	98		TRAD
100254-013	NATIONAL SCIENCE FOUNDATION	XU, N.	-	-	-	1,200	1,200	-	-	1,200		TRAD
100255-016	NATIONAL SCIENCE FOUNDATION	XU, N.	-	-	-	11,521	11,521	-	-	11,521		TRAD
100490-010	NATIONAL SCIENCE FOUNDATION	XU, N.	44,251	2,945	-	-	47,196	25,014	-	72,211		TRAD
100490-030	NATIONAL SCIENCE FOUNDATION	XU, N.	-	-	-	11,022	11,022	-	-	11,022		TRAD
			1,360,475	411,875	29,569	186,707	1,988,620	629,696	-	2,618,322	31.66%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Computer Sciences													
100483-010	*	NATIONAL SCIENCE FOUNDATION	CHERNIKOV, A.	22,004	4,407	-	-	26,410	13,998	-	40,408		TRAD
100525-010		NATIONAL SCIENCE FOUNDATION	CHERNIKOV, A.	-	-	-	2,300	2,300	-	-	2,300		TRAD
400222-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	CHERNIKOV, A.	592	-	-	-	592	1	-	593		TRAD
400303-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	CHERNIKOV, A.	29,787	-	-	2,877	32,664	1,103	-	33,767		TRAD
500268-001	*	ENGILITY	CHERNIKOV, A.	4,758	-	-	-	4,758	2,617	-	7,375		TRAD
500268-002	*	ENGILITY	CHERNIKOV, A.	21,622	466	-	-	22,088	12,149	-	34,237		TRAD
100558-010		LANGLEY RESEARCH CENTER	CHRISOCHOIDES, N.	57,650	33,727	-	105,060	196,437	50,257	-	246,694		TRAD
500268-001	*	ENGILITY	CHRISOCHOIDES, N.	9,660	-	-	-	9,660	5,313	-	14,974		TRAD
500268-002	*	ENGILITY	CHRISOCHOIDES, N.	43,899	947	-	-	44,846	24,665	-	69,511		TRAD
500292-010		INTEL CORPORATION	CHRISOCHOIDES, N.	-	3,000	-	-	3,000	-	-	3,000		TRAD
100483-010	*	NATIONAL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	42,713	8,554	-	-	51,267	27,172	-	78,439		TRAD
400228-010		OPERATION BLESSING INTERNATIONAL	GUPTA, R.	3,602	-	-	277	3,879	1,008	-	4,887		TRAD
400291-010		VIRGINIA SOCIETY OF ORNITHOLOGY	GUPTA, R.	2,917	-	-	1,051	3,968	1,032	-	5,000		TRAD
600196-010		ACHARYA INSTITUTE OF TECHNOLOGY	GUPTA, R.	-	25	-	1,978	2,003	-	-	2,003		TRAD
100532-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HE, J .	65,273	1,597	-	-	66,870	37,590	-	104,460		TRAD
100468-010	*	NATIONAL SCIENCE FOUNDATION	HE, J.	37,252	5,449	-	-	42,700	22,631	-	65,331		TRAD
100468-010	*	NATIONAL SCIENCE FOUNDATION	JI, S.	14,901	2,179	-	-	17,080	9,052	-	26,132		TRAD
100186-010		NATIONAL SCIENCE FOUNDATION	LI, Y.	23,230	891	-	-	24,122	12,061	-	36,182		TRAD
500069-010		PRENTICE HALL BUSINESS PUBLISHING	MALY, K.	-	873	-	-	873	-	-	873		TRAD
600202-010		ACHARYA INSTITUTE OF TECHNOLOGY	MALY, K.	327	5,131	-	5,874	11,332	-	-	11,332		TRAD
100467-010		NATIONAL SCIENCE FOUNDATION	NADEEM, T.	23,850	17,932	-	3,690	45,471	22,144	-	67,615		TRAD
100507-010	*	NATIONAL SCIENCE FOUNDATION	NADEEM, T.	34,146	7,871	4,150	-	46,167	22,269	-	68,436		TRAD
100552-010	*	NATIONAL SCIENCE FOUNDATION	NELSON, M.	30,185	2,688	-	-	32,874	17,423	-	50,297		TRAD
100485-010	*	NATIONAL ENDOWMENT FOR THE HUMANITIES	NELSON, M.	14,571	2,342	-	-	16,913	8,964	-	25,877		TRAD
100485-010	*	NATIONAL ENDOWMENT FOR THE HUMANITIES	NELSON, M.	10,162	3,263	-	3,322	16,747	7,115	-	23,862		TRAD
100519-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	NELSON, M.	32,270	12,500	-	2,500	47,270	23,728	-	70,999		TRAD
300380-010	*	OLD DOMINION UNIVERSITY	NELSON, M.	16,413	21,980	-	35,896	74,289	-	-	74,289		TRAD
100554-010	*	NATIONAL SCIENCE FOUNDATION	RANJAN, D.	22,086	1,185	-	-	23,271	12,334	-	35,604		TRAD
300326-010	*	OLD DOMINION UNIVERSITY	RANJAN, D.	1,706	-	-	17	1,724	-	-	1,724		TRAD
400110-015	*	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, D.	5,738	-	-	-	5,738	-	-	5,738		TRAD
400110-021		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, D.	15,350	-	-	-	15,350	-	-	15,350		TRAD
400262-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, D.	-	-	-	51	51	-	-	51		TRAD
400295-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	RANJAN, D.	13,901	-	-	-	13,901	3,614	-	17,515		TRAD
100468-010	*	NATIONAL SCIENCE FOUNDATION	RANJAN, D.	11,175	1,635	-	-	12,810	6,789	-	19,599		TRAD
400210-010	*	JEFFRESS RESEARCH GRANTS PROGRAM	RANJAN, D.	1,017	-	-	0	1,017	-	-	1,017		TRAD
100485-010	*	NATIONAL ENDOWMENT FOR THE HUMANITIES	WEIGLE, M.	24,732	5,605	-	3,322	33,660	16,079	-	49,739		TRAD
100519-010	*	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	WEIGLE, M.	32,270	12,500	-	2,500	47,270	23,728	-	70,999		TRAD
100552-010	*	NATIONAL SCIENCE FOUNDATION	WEIGLE, M.	30,185	2,688	-	-	32,874	17,423	-	50,297		TRAD
300380-010	*	OLD DOMINION UNIVERSITY	WEIGLE, M.	16,413	21,980	-	35,896	74,289	-	-	74,289		TRAD
100554-010	*	NATIONAL SCIENCE FOUNDATION	ZUBAIR, M.	22,086	1,185	-	-	23,271	12,334	-	35,604		TRAD
300326-010	*	OLD DOMINION UNIVERSITY	ZUBAIR, M.	1,706	-	-	17	1,724	-	-	1,724		TRAD
300334-015		OLD DOMINION UNIVERSITY	ZUBAIR, M.	-	-	-	6,937	6,937	693	-	7,630		TRAD
300384-015		OLD DOMINION UNIVERSITY	ZUBAIR, M.	17,274	-	-	-	17,274	1,727	-	19,002		TRAD
400110-015	*	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ZUBAIR, M.	5,738	-	-	-	5,738	-	-	5,738		TRAD
400286-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	ZUBAIR, M.	10,474	-	-	-	10,474	2,723	-	13,197		TRAD
100468-010	*	NATIONAL SCIENCE FOUNDATION	ZUBAIR, M.	11,175	1,635	-	-	12,810	6,789	-	19,599		TRAD
400210-010	*	JEFFRESS RESEARCH GRANTS PROGRAM	ZUBAIR, M.	1,017	-	-	0	1,017	-	-	1,017		TRAD
				785,829	184,234	4,150	213,566	1,187,784	426,526	-	1,614,304	35.91%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Mathematics and Statistics												
100007-010	LANGLEY RESEARCH CENTER	BADAVI, F.	188,029	14,528	-	-	202,557	52,665	-	255,222		TRAD
300384-014	OLD DOMINION UNIVERSITY	CHAGANTY, N.	9,784	1,418	-	-	11,202	1,120	-	12,322		TRAD
300334-010	OLD DOMINION UNIVERSITY	CHAGANTY, R.	(1,622)	-	-	3,401	1,778	177	-	1,956		TRAD
400018-010	EASTERN VIRGINIA MEDICAL SCHOOL	CHAGANTY, R.	4,418	-	-	20,332	24,749	-	-	24,749		TRAD
200242-010	* VA DEPARTMENT OF MOTOR VEHICLES	DIAWARA, N.	9,652	6,205	-	-	15,857	4,123	-	19,980		TRAD
400056-010	* AMERICAN DIABETES ASSOCIATION	DIAWARA, N.	638	14	-	5	657	98	-	755		TRAD
100501-010	* NATIONAL SCIENCE FOUNDATION	DOBBS, F.	1,791	346	-	-	2,137	1,133	-	3,270		TRAD
100020-010	NASA/HEADQUARTERS	HU, F.	-	1,109	-	-	1,109	555	-	1,664		TRAD
400203-002	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	HU, F.	26,919	2,994	-	-	29,913	7,777	-	37,690		TRAD
400309-010	SIMONS FOUNDATION	JOO, S.	-	2,658	-	-	2,658	443	-	3,101		TRAD
100605-010	NATIONAL SCIENCE FOUNDATION	LUO, L.	-	-	-	21,482	21,482	-	-	21,482		TRAD
100645-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PARK, K.	683	801	-	-	1,483	816	-	2,299		TRAD
100243-010	* NATIONAL SCIENCE FOUNDATION	PENG, Y.	19,207	4,390	-	-	23,597	12,506	-	36,104		TRAD
300335-010	* VIRGINIA COMMONWEALTH UNIVERSITY	SHETH-CHANDRA, M.	-	105	-	-	105	-	-	105		TRAD
100480-010	* LANGLEY RESEARCH CENTER	TWEED, J.	6,939	-	-	-	6,939	1,804	-	8,743		TRAD
100219-010	NATIONAL SCIENCE FOUNDATION	WANG, J.	7,797	-	-	-	7,797	4,132	-	11,929		TRAD
100231-010	* NATIONAL SCIENCE FOUNDATION	WANG, J.	-	4,430	-	-	4,430	2,348	-	6,779		TRAD
100243-010	* NATIONAL SCIENCE FOUNDATION	WANG, J.	12,805	2,927	-	-	15,731	8,338	-	24,069		TRAD
100501-010	* NATIONAL SCIENCE FOUNDATION	WANG, J.	4,195	482	-	-	4,677	2,479	-	7,155		TRAD
100480-010	* LANGLEY RESEARCH CENTER	WILSON, J.	131,843	-	-	-	131,843	34,279	-	166,123		TRAD
100564-010	NATIONAL SCIENCE FOUNDATION	ZHOU, R.	11,432	3,847	-	-	15,279	8,403	-	23,682		TRAD
			434,509	46,253	-	45,219	525,977	143,196	-	669,176	27.22%	
Ocean, Earth and Atmospheric Sciences												
100211-010	NATIONAL SCIENCE FOUNDATION	BOCHDANSKY, A.	2,574	-	-	-	2,574	1,364	-	3,939		TRAD
100225-010	NATIONAL SCIENCE FOUNDATION	BOCHDANSKY, A.	42,373	20,610	-	-	62,982	33,381	-	96,363		TRAD
100536-010	NATIONAL SCIENCE FOUNDATION	BURDIGE, D.	66,033	26,866	-	106,681	199,580	51,094	-	250,674		TRAD
100608-010	* NATIONAL SCIENCE FOUNDATION	BURDIGE, D.	18,466	17,398	-	-	35,863	19,725	-	55,588		TRAD
100530-010	NATIONAL SCIENCE FOUNDATION	CHAPPELL, P.	90,357	15,102	-	-	105,459	55,893	-	161,352		TRAD
100547-010	NATIONAL SCIENCE FOUNDATION	CHAPPELL, P.	10,945	8,111	-	-	19,057	10,100	-	29,157		TRAD
200188-030	* OLD DOMINION UNIVERSITY	COVI, M .	3,820	700	-	1,546	6,065	362	-	6,427		TRAD
300366-010	* UNIVERSITY OF NORTH CAROLINA	COVI, M .	10,249	2,711	-	-	12,960	7,128	-	20,089		TRAD
300373-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M .	2,794	1,437	-	-	4,231	1,100	-	5,332		TRAD
100625-010	NATIONAL SCIENCE FOUNDATION	COVI, M.	2,535	-	-	-	2,535	1,395	-	3,930		TRAD
200238-010	CITY OF VIRGINIA BEACH	COVI, M.	-	50	-	-	50	13	-	63		TRAD
300353-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M.	1,444	5,206	-	-	6,649	1,729	-	8,378		TRAD
400282-010	BLUE MOON FUND	COVI, M.	29,093	3,733	-	8,071	40,898	5,039	-	45,937		TRAD
100223-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	40,404	13,734	-	-	54,138	28,693	-	82,832		TRAD
100257-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	54,618	13,998	-	42,662	111,278	36,366	-	147,644		TRAD
100484-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	28,500	4,615	-	-	33,115	17,551	-	50,666		TRAD
100198-010	NATIONAL SCIENCE FOUNDATION	DARBY, D.	-	-	-	-	-	(1)	-	(1)		TRAD
100493-010	* U.S. ENVIRONMENTAL PROTECTION AGENCY	DINNIMAN, M.	4,011	28	-	-	4,039	404	-	4,443		TRAD
200220-010	VA WATER RESOURCES RESEARCH CENTER	DOBBS, F.	1,984	2,500	-	-	4,484	-	-	4,484		TRAD
100501-010	* NATIONAL SCIENCE FOUNDATION	DOBBS, F.	5,525	764	-	-	6,289	3,333	-	9,623		TRAD
100252-010	* NATIONAL SCIENCE FOUNDATION	GEORGEN, J.	36,168	11,013	-	6,329	53,510	25,006	-	78,516		TRAD
100651-010	NATIONAL SCIENCE FOUNDATION	GEORGEN, J.	6,563	-	-	-	6,563	3,609	-	10,172		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100511-010		NASA/HEADQUARTERS	HAMLINGTON, B.	22,377	11,026	-	12,567	45,970	17,704	-	63,674		TRAD
100577-010		NATIONAL SCIENCE FOUNDATION	HAMLINGTON, B.	22,632	494	-	-	23,126	12,719	-	35,845		TRAD
100589-010		NASA GODDARD SPACEFLIGHT CENTER	HAMLINGTON, B.	9,614	7,106	-	-	16,720	9,196	-	25,916		TRAD
100657-010		NASA GODDARD SPACEFLIGHT CENTER	HAMLINGTON, B.	-	884	-	-	884	486	-	1,370		TRAD
300372-010		UNIVERSITY OF COLORADO	HAMLINGTON, B.	28,236	-	-	-	28,236	14,965	-	43,202		TRAD
100227-010		NATIONAL SCIENCE FOUNDATION	HARVEY, R.	18,886	24,160	-	-	43,046	22,815	-	65,861		TRAD
100540-010		NORTH PACIFIC RESEARCH BOARD	HARVEY, R.	-	773	-	-	773	410	-	1,183		TRAD
100615-010		NATIONAL SCIENCE FOUNDATION	HARVEY, R.	20,664	-	-	-	20,664	11,365	-	32,029		TRAD
100655-010	*	NATIONAL SCIENCE FOUNDATION	HARVEY, R.	3,042	-	-	13,013	16,055	1,673	-	17,728		TRAD
300233-010		UNIVERSITY OF TEXAS AT AUSTIN	HARVEY, R.	30,904	9,353	-	-	40,257	20,129	-	60,386		TRAD
300406-010		UNIVERSITY OF CALIFORNIA (ALL CAMPUSES)	HARVEY, R.	3,087	-	-	-	3,087	803	-	3,890		TRAD
600198-010		STANTEC	HARVEY, R.	-	326	-	-	326	85	-	410		TRAD
600198-020		STANTEC	HARVEY, R.	14,938	13,142	-	-	28,081	15,444	-	43,525		TRAD
200202-010		VA MARINE RESOURCES COMMISSION (VMRC)	JONES, C.	64,381	5,055	-	-	69,436	17,359	-	86,795		TRAD
200231-010	*	VA MARINE RESOURCES COMMISSION (VMRC)	JONES, C.	145,036	10,733	-	-	155,768	38,942	-	194,710		TRAD
400312-010		ATLANTIC STATES MARINE FISHERIES COMMISSION	JONES, C.	2,514	865	-	-	3,379	1,858	-	5,237		TRAD
100493-010	*	U.S. ENVIRONMENTAL PROTECTION AGENCY	KLINCK, J.	4,011	28	-	-	4,039	404	-	4,443		TRAD
100233-010		NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	16,933	1,800	-	-	18,733	9,928	-	28,661		TRAD
100464-010		NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	91,388	9,877	-	-	101,265	53,671	-	154,936		TRAD
100512-011		NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	-	-	-	2,200	2,200	-	-	2,200		TRAD
300293-010		DARTMOUTH COLLEGE	MULHOLLAND, M.	-	(795)	-	(477)	(1,272)	-	-	(1,272)		TRAD
300330-010		UNIVERSITY OF NEW HAMPSHIRE	MULHOLLAND, M.	(6,245)	-	-	-	(6,245)	(3,310)	-	(9,555)		TRAD
300330-020		UNIVERSITY OF NEW HAMPSHIRE	MULHOLLAND, M.	18,385	-	-	-	18,385	9,744	-	28,129		TRAD
300371-010		DARTMOUTH COLLEGE	MULHOLLAND, M.	10,245	816	-	-	11,062	-	-	11,062		TRAD
100512-010	*	NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	28,837	23,875	-	-	52,712	27,119	-	79,831		TRAD
100512-020	*	NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	19,730	348	-	-	20,079	10,642	-	30,721		TRAD
100463-010		JET PROPULSION LABORATORY	PLAG, H.	4,944	-	-	-	4,944	2,620	-	7,564		TRAD
100510-010		NATIONAL SCIENCE FOUNDATION	SCHMIDT, M.	6,680	4,576	-	11,885	23,141	5,966	-	29,107		TRAD
100220-010		NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	16,172	149	-	-	16,322	8,651	-	24,972		TRAD
100233-020		NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	10,222	212	-	-	10,434	5,530	-	15,964		TRAD
100325-010		NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	6,610	-	-	-	6,610	3,305	-	9,915		TRAD
100325-020	*	NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	2,376	174	-	-	2,549	1,275	-	3,824		TRAD
100546-010		NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	-	1,020	117,185	-	118,205	-	-	118,205		TRAD
100563-010		NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	55,585	22,214	-	-	77,799	42,790	-	120,589		TRAD
200177-010	*	OLD DOMINION UNIVERSITY	WHITTECAR, R.	22,089	6,939	-	-	29,028	1,451	-	30,479		TRAD
200183-020	*	OLD DOMINION UNIVERSITY	WHITTECAR, R.	1,257	3,751	-	6,286	11,294	401	-	11,695		TRAD
200188-010	*	OLD DOMINION UNIVERSITY	WHITTECAR, R.	1,544	4,110	-	3,389	9,043	452	-	9,495		TRAD
200188-030	*	OLD DOMINION UNIVERSITY	WHITTECAR, R.	5,729	1,050	-	2,319	9,098	542	-	9,641		TRAD
300041-010		VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	WHITTECAR, R.	20,154	6,759	-	-	26,914	9,420	-	36,334		TRAD
300143-040	*	OLD DOMINION UNIVERSITY	WHITTECAR, R.	82,305	22,598	-	3,488	108,390	5,245	-	113,635		TRAD
500048-010		WEANACK LAND LIMITED PARTNERS	WHITTECAR, R.	6,026	120	-	-	6,146	1,598	-	7,744		TRAD
500318-010		WEANACK LAND LIMITED PARTNERS	WHITTECAR, R.	2,583	155	-	-	2,738	712	-	3,450		TRAD
500300-010	*	EXCET, INC.	ZIMMERMAN, R.	3,819	-	-	-	3,819	2,100	-	5,919		TRAD
100493-010	*	U.S. ENVIRONMENTAL PROTECTION AGENCY	ZIMMERMAN, R.	4,011	28	-	-	4,039	404	-	4,443		TRAD
100608-010	*	NATIONAL SCIENCE FOUNDATION	ZIMMERMAN, R.	18,466	17,398	-	-	35,863	19,725	-	55,588		TRAD
100656-010	*	NASA GODDARD SPACEFLIGHT CENTER	ZIMMERMAN, R.	11,086	-	-	-	11,086	6,097	-	17,183		TRAD
				1,309,709	359,697	117,185	219,960	2,006,553	715,719	-	2,722,270	35.67%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Ocean, Earth and Atmospheric Sciences - SSRP													
100424-010		NATIONAL MARINE FISHERIES SERVICE	ASHFORD, J.	(209)	-	-	0	(209)	(111)	-	(319)		SSRP
600171-010		CHILEAN FISHING DEVELOPMENT INSTITUTE	ASHFORD, J.	-	(3,776)	-	(0)	(3,777)	(1,888)	-	(5,665)		SSRP
200166-010		HAMPTON ROADS SANITATION DISTRICT COMMISSION	FILIPPINO, K.	1,315	-	-	8	1,324	331	-	1,654		SSRP
100655-010	*	NATIONAL SCIENCE FOUNDATION	FILIPPINO, K.	3,042	-	-	13,013	16,055	1,673	-	17,728		SSRP
200228-010	*	HAMPTON ROADS SANITATION DISTRICT COMMISSION	FILIPPINO, K.	74,586	6,827	-	-	81,413	20,353	-	101,766		SSRP
100656-010	*	NASA GODDARD SPACEFLIGHT CENTER	HILL, V	10,760	-	-	-	10,760	5,918	-	16,677		SSRP
500300-010	*	EXCET, INC.	HILL, V	3,707	-	-	-	3,707	2,039	-	5,745		SSRP
100215-010		NATIONAL SCIENCE FOUNDATION	HILL, V.	59,302	5,600	-	-	64,902	34,398	-	99,300		SSRP
100493-010	*	U.S. ENVIRONMENTAL PROTECTION AGENCY	HILL, V.	4,011	28	-	-	4,039	404	-	4,443		SSRP
100575-010		NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HILL, V.	15,172	-	-	113	15,285	8,407	-	23,692		SSRP
100604-010		NATIONAL SCIENCE FOUNDATION	HILL, V.	33,915	22,607	205,625	-	262,148	31,087	-	293,235		SSRP
				205,601	31,285	205,625	13,135	455,646	102,611	-	558,257	22.52%	
Physics													
100388-140	*	U.S. DEPARTMENT OF ENERGY	AMARYAN, M.	80,357	10,975	2,258	-	93,590	45,666	-	139,256		TRAD
100472-010	*	NATIONAL SCIENCE FOUNDATION	ARETI, H.	-	-	-	43,093	43,093	-	-	43,093		TRAD
100652-010	*	NATIONAL SCIENCE FOUNDATION	ARETI, H.	-	21	-	11,211	11,232	12	-	11,243		TRAD
100392-030	*	U.S. DEPARTMENT OF ENERGY	BALITSKY, I.	29,357	3,539	-	1,478	34,374	17,435	-	51,808		TRAD
100388-140	*	U.S. DEPARTMENT OF ENERGY	BUELTMANN, S.	80,357	10,975	2,258	-	93,590	45,666	-	139,256		TRAD
100472-010	*	NATIONAL SCIENCE FOUNDATION	BUELTMANN, S.	-	-	-	14,364	14,364	-	-	14,364		TRAD
100652-010	*	NATIONAL SCIENCE FOUNDATION	BUELTMANN, S.	-	18	-	9,609	9,627	10	-	9,637		TRAD
100614-010	*	NATIONAL SCIENCE FOUNDATION	CIOVATI, G.	1,271	8,035	10,870	-	20,176	2,420	-	22,596		TRAD
100252-010	*	NATIONAL SCIENCE FOUNDATION	DE PAOR, D.	51,183	39,363	-	40,668	131,215	47,990	-	179,205		TRAD
100387-010	*	U.S. DEPARTMENT OF ENERGY	DELAYEN, J.	-	-	-	12,416	12,416	-	-	12,416		TRAD
100387-020	*	U.S. DEPARTMENT OF ENERGY	DELAYEN, J.	49,180	3,453	8,196	60,436	121,265	13,684	-	134,950		TRAD
100443-030		FERMI NATIONAL ACCELERATOR LABORATORY	DELAYEN, J.	-	-	-	5,342	5,342	2,671	-	8,013		TRAD
100443-040		FERMI NATIONAL ACCELERATOR LABORATORY	DELAYEN, J.	69,889	44,632	-	6,875	121,396	29,776	-	151,172		TRAD
100492-010	*	NATIONAL SCIENCE FOUNDATION	DELAYEN, J.	44,903	7,294	-	1,258	53,455	27,664	-	81,119		TRAD
100614-010	*	NATIONAL SCIENCE FOUNDATION	DELAYEN, J.	953	6,026	8,152	-	15,132	1,815	-	16,947		TRAD
400275-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, J.	19,161	-	-	-	19,161	4,982	-	24,142		TRAD
500279-010		NIOWAVE, INC.	DELAYEN, J.	53,594	693	-	-	54,287	29,858	-	84,145		TRAD
100388-140	*	U.S. DEPARTMENT OF ENERGY	DODGE, G.	79,395	10,843	2,231	-	92,469	45,119	-	137,588		TRAD
100652-010	*	NATIONAL SCIENCE FOUNDATION	DODGE, G.	-	21	-	11,211	11,232	12	-	11,243		TRAD
300068-010		OLD DOMINION UNIVERSITY	DUDEK, J.	11,787	-	-	-	11,787	5,893	-	17,680		TRAD
100554-010	*	NATIONAL SCIENCE FOUNDATION	GODUNOV, A.	22,086	1,185	-	-	23,271	12,334	-	35,604		TRAD
300326-010	*	OLD DOMINION UNIVERSITY	GODUNOV, A.	1,706	-	-	17	1,724	-	-	1,724		TRAD
100387-010	*	U.S. DEPARTMENT OF ENERGY	GUREVICH, A.	-	-	-	12,416	12,416	-	-	12,416		TRAD
100387-020	*	U.S. DEPARTMENT OF ENERGY	GUREVICH, A.	49,180	3,453	8,196	60,436	121,265	13,684	-	134,950		TRAD
100492-010	*	NATIONAL SCIENCE FOUNDATION	GUREVICH, A.	44,903	7,294	-	1,258	53,455	27,664	-	81,119		TRAD
100614-010	*	NATIONAL SCIENCE FOUNDATION	GUREVICH, A.	953	6,026	8,152	-	15,132	1,815	-	16,947		TRAD
100602-010		NATIONAL SCIENCE FOUNDATION	HAVEY, M.	36,299	2,090	-	9,378	47,768	21,114	-	68,882		TRAD
100388-140	*	U.S. DEPARTMENT OF ENERGY	HYDE, C.	80,357	10,975	2,258	-	93,590	45,666	-	139,256		TRAD
100429-010		BROOKHAVEN NATIONAL LABORATORY	HYDE, C.	13,341	-	-	-	13,341	7,071	-	20,412		TRAD
400110-020		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	HYDE, C.	128,971	5,800	-	-	134,771	-	-	134,771		TRAD
400124-050		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	HYDE, C.	314,448	-	-	-	314,448	-	-	314,448		TRAD
100650-010		NATIONAL SCIENCE FOUNDATION	KRAFFT, G.	-	-	-	12,850	12,850	-	-	12,850		TRAD
400320-010		AMERICAN PHYSICAL SOCIETY (APS)	KRAFFT, G.	-	-	-	9,132	9,132	-	-	9,132		TRAD
100388-140	*	U.S. DEPARTMENT OF ENERGY	KUHN, S.	80,357	10,975	2,258	-	93,590	45,666	-	139,256		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100392-030	*	U.S. DEPARTMENT OF ENERGY	RADYUSHKIN, A.	29,357	3,539	-	1,478	34,374	17,435	-	51,808		TRAD
400110-019		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, D.	18,012	-	-	11,441	29,453	-	-	29,453		TRAD
100392-030	*	U.S. DEPARTMENT OF ENERGY	SCHIAVILLA, R.	29,357	3,539	-	1,478	34,374	17,435	-	51,808		TRAD
100527-015		NASA GODDARD SPACEFLIGHT CENTER	SUKENIK, C.	2,175	-	-	-	2,175	-	-	2,175		TRAD
400110-016		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	40,268	40,268	-	-	40,268		TRAD
400110-018		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	62,908	-	-	33,817	96,725	-	-	96,725		TRAD
400110-020		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	51,781	-	-	-	51,781	-	-	51,781		TRAD
400124-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	9,700	9,700	-	-	9,700		TRAD
400124-020		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	26,655	26,655	-	-	26,655		TRAD
400124-030		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	4,764	4,764	-	-	4,764		TRAD
400124-031		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	18,096	-	-	-	18,096	-	-	18,096		TRAD
400124-032		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	118	118	-	-	118		TRAD
400124-040		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	155,255	-	-	-	155,255	-	-	155,255		TRAD
400124-041		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	2,773	-	-	46	2,819	-	-	2,819		TRAD
400124-050		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	156,346	-	-	-	156,346	-	-	156,346		TRAD
400124-051		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	25,551	-	-	-	25,551	-	-	25,551		TRAD
400223-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, C.	-	-	-	7,420	7,420	-	-	7,420		TRAD
100527-012		NASA GODDARD SPACEFLIGHT CENTER	TERZIC, B.	9,427	-	-	-	9,427	-	-	9,427		TRAD
100554-010	*	NATIONAL SCIENCE FOUNDATION	TERZIC, B.	22,086	1,185	-	-	23,271	12,334	-	35,604		TRAD
300326-010	*	OLD DOMINION UNIVERSITY	TERZIC, B.	1,706	-	-	17	1,724	-	-	1,724		TRAD
100392-030	*	U.S. DEPARTMENT OF ENERGY	VAN ORDEN, J.	29,357	3,539	-	1,478	34,374	17,435	-	51,808		TRAD
100535-010		U.S. DEPARTMENT OF ENERGY	VUSKOVIC, L.	100,344	12,119	-	-	112,463	59,605	-	172,068		TRAD
100388-140	*	U.S. DEPARTMENT OF ENERGY	WEINSTEIN, L.	80,357	10,975	2,258	-	93,590	45,666	-	139,256		TRAD
400305-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	WEINSTEIN, L.	-	-	-	12,000	12,000	-	-	12,000		TRAD
400308-010		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	WEINSTEIN, L.	-	-	-	7,500	7,500	-	-	7,500		TRAD
				2,138,878	228,581	57,087	481,630	2,906,170	665,595	-	3,571,771	22.90%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Psychology													
100242-010	*	NATIONAL SCIENCE FOUNDATION	ASH, I.	6,990	3,925	-	450	11,366	5,785	-	17,151		TRAD
100329-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BARRACO, C.	15,198	11,719	-	-	26,917	2,153	-	29,070		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BARRACO, C.	3,044	-	-	-	3,044	1,674	-	4,719		TRAD
100521-010	*	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	BLISS, J.	46,487	4,365	-	2,359	53,211	17,798	-	71,009		TRAD
100626-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRAITMAN, A.	80,265	9,142	-	-	89,407	7,153	-	96,559		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRAITMAN, A.	3,044	-	-	-	3,044	1,674	-	4,719		TRAD
500267-010		BATTELLE NATIONAL BIODEFENSE INSITITUTE	BRILL, C.	-	-	-	845	845	220	-	1,064		TRAD
300377-010	*	EASTERN VIRGINIA MEDICAL SCHOOL	CIGULAROV, K.	18,579	-	-	-	18,579	4,830	-	23,409		TRAD
100349-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HENSON, M.	3,382	460	-	-	3,842	1,921	-	5,763		TRAD
100551-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HENSON, M.	91,451	28,389	-	124,597	244,436	63,515	-	307,951		TRAD
100551-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, K .	5,081	1,577	-	6,922	13,580	3,529	-	17,108		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, K .	10,873	-	-	-	10,873	5,980	-	16,853		TRAD
100521-010	*	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	HU, X.	46,487	4,365	-	2,359	53,211	17,798	-	71,009		TRAD
100479-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, M.	-	(563)	-	2,131	1,568	-	-	1,568		TRAD
100551-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, M.	5,081	1,577	-	6,922	13,580	3,529	-	17,108		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, M.	1,740	-	-	-	1,740	957	-	2,697		TRAD
100349-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, M.	30,439	4,138	-	-	34,576	17,288	-	51,865		TRAD
400293-010		HUMAN RESOURCES RESEARCH ORGANIZATION (HUMRRO)	LANDERS, R.	10,296	-	-	345	10,641	5,640	-	16,281		TRAD
600208-010		REVELIAN PTY LTD	LANDERS, R.	2,154	3,265	-	-	5,419	2,981	-	8,400		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	LEWIS, R.	21,746	-	-	-	21,746	11,960	-	33,706		TRAD
100240-010		NATIONAL SCIENCE FOUNDATION	MAJOR, D.	36,429	2,709	-	-	39,139	20,744	-	59,882		TRAD
100240-020		NATIONAL SCIENCE FOUNDATION	MAJOR, D.	-	226	-	-	226	-	-	226		TRAD
100570-010		NATIONAL SCIENCE FOUNDATION	MAJOR, D.	27,119	-	-	-	27,119	14,373	-	41,492		TRAD
200205-010		VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.	32,788	9,469	-	-	42,257	4,226	-	46,483		TRAD
200206-010		VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.	33,466	25,034	-	21,745	80,245	5,850	-	86,095		TRAD
200236-010	*	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.	10,069	79	-	-	10,149	2,639	-	12,787		TRAD
200237-010	*	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.	4,876	80	-	-	4,956	2,726	-	7,682		TRAD
200242-010	*	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.	19,597	12,597	-	-	32,194	8,371	-	40,565		TRAD
300337-010	*	OLD DOMINION UNIVERSITY	SCERBO, M.	1,561	1,186	-	-	2,747	-	-	2,747		TRAD
300377-010	*	EASTERN VIRGINIA MEDICAL SCHOOL	SCERBO, M.	18,579	-	-	-	18,579	4,830	-	23,409		TRAD
100527-011		NASA GODDARD SPACEFLIGHT CENTER	STILL, J.	5,322	695	-	-	6,017	-	-	6,017		TRAD
100619-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	WINSTEAD, B.	3,044	-	-	-	3,044	1,674	-	4,719		TRAD
100521-010	*	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	YAMANI, Y.	46,487	4,365	-	2,359	53,211	17,798	-	71,009		TRAD
200236-010	*	VA DEPARTMENT OF MOTOR VEHICLES	YAMANI, Y.	10,069	79	-	-	10,149	2,639	-	12,787		TRAD
200237-010	*	VA DEPARTMENT OF MOTOR VEHICLES	YAMANI, Y.	4,876	80	-	-	4,956	2,726	-	7,682		TRAD
				656,621	128,959	-	171,032	956,614	264,981	-	1,221,594	27.70%	
TOTAL SCIENCES				**$ 8,398,326**	**$ 1,896,057**	**$ 456,867**	**$ 1,735,080**	**$ 12,486,326**	**$ 3,526,098**	**$ -**	**$ 16,012,427**	**28.24%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
OFFICE OF RESEARCH AND OTHER ACTIVITY												
Frank Reidy Research Center for Bioelectrics												
300427-010	* OLD DOMINION UNIVERSITY	BEEBE, S.	2,717	2,352	-	-	5,069	1,521	-	6,590		CBE
500226-003	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	-	23	-	198	221	117	-	338		CBE
500226-005	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	18,281	8,156	-	-	26,438	14,541	-	40,978		CBE
500226-006	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	56,770	53,421	-	-	110,191	60,605	-	170,796		CBE
500226-008	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	38,044	22,939	-	-	60,983	33,541	-	94,524		CBE
500314-010	PULSE CENTERS	BEEBE, S.	3,515	1,863	-	1,706	7,085	2,958	-	10,043		CBE
300010-020	GEORGIA REGENTS UNIVERSITY	CATRAVAS, J.	105,137	24,626	-	(0)	129,763	68,775	-	198,538		CBE
300327-020	GEORGIA REGENTS UNIVERSITY	CATRAVAS, J.	46,792	24,100	-	-	70,893	37,573	-	108,466		CBE
500226-008	* PULSE BIOSCIENCES (ELECTROBLATE)	CATRAVAS, J.	38,044	22,939	-	-	60,983	33,541	-	94,524		CBE
600210-010	FERRING PHARMACEUTICALS INC.	CATRAVAS, J.	24,742	3,222	-	-	27,964	15,380	-	43,345		CBE
600186-010	* UNIVERSITY OF SOUTHAMPTON	CHEN, H.	78,634	21,161	25,561	-	125,356	52,892	-	178,248		CBE
100517-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	GUO, S.	25,882	6,596	-	-	32,478	17,213	-	49,691		CBE
300427-010	* OLD DOMINION UNIVERSITY	GUO, S.	2,717	2,352	-	-	5,069	1,521	-	6,590		CBE
500226-001	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	-	-	-	2,600	2,600	1,377	-	3,977		CBE
500226-003	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	-	12	-	99	111	59	-	169		CBE
500226-005	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	36,562	16,313	-	-	52,875	29,081	-	81,956		CBE
500226-006	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	24,330	22,895	-	-	47,225	25,974	-	73,198		CBE
100517-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, R.	120,785	30,779	-	-	151,564	80,329	-	231,893		CBE
500226-005	* PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, R.	18,281	8,156	-	-	26,438	14,541	-	40,978		CBE
100461-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	-	3,339	-	-	3,339	1,769	-	5,108		CBE
100461-011	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	3,052	256	-	-	3,308	1,753	-	5,061		CBE
100461-011	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	14,816	738	-	-	15,554	8,243	-	23,797		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	97,990	18,086	4,988	-	121,064	63,842	-	184,906		CBE
300345-010	OLD DOMINION UNIVERSITY	PAKHOMOV, A.	138,008	52,302	31,371	383,991	605,672	114,186	-	719,859		CBE
500226-002	* PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, A.	423	-	-	1,669	2,092	1,084	-	3,176		CBE
500226-004	* PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, A.	-	-	-	19,803	19,803	10,496	-	30,299		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOVA, O.	12,249	2,261	623	-	15,133	7,980	-	23,113		CBE
300345-012	OLD DOMINION UNIVERSITY	PAKHOMOVA, O.	92,861	12,154	1,842	-	106,857	63,009	-	169,866		CBE
500226-002	* PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, O.	7,199	-	-	28,369	35,569	18,429	-	53,998		CBE
500226-004	* PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, O.	-	-	-	2,303	2,303	1,220	-	3,523		CBE
100517-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SCHOENBACH, K.	25,882	6,596	-	-	32,478	17,213	-	49,691		CBE
500226-001	* PULSE BIOSCIENCES (ELECTROBLATE)	SCHOENBACH, K.	-	-	-	2,600	2,600	1,377	-	3,977		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SEMENOV, I.	24,498	4,522	1,247	-	30,266	15,961	-	46,227		CBE
500226-002	* PULSE BIOSCIENCES (ELECTROBLATE)	SEMENOV, I.	423	-	-	1,669	2,092	1,084	-	3,176		CBE
500226-004	* PULSE BIOSCIENCES (ELECTROBLATE)	SEMENOV, I.	-	-	-	921	921	488	-	1,409		CBE
400324-010	BREEDEN-ADAMS FOUNDATION	STACEY, M.	2,401	1,142	-	-	3,543	-	-	3,543		CBE
100474-010	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	VERNIER, T.	14,581	3,381	-	-	17,963	10,778	-	28,740		CBE
300345-013	OLD DOMINION UNIVERSITY	VERNIER, T.	92,868	6,609	17,877	-	117,355	59,687	-	177,041		CBE
100461-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	-	3,339	-	-	3,339	1,769	-	5,108		CBE
100461-011	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	17,868	994	-	-	18,861	9,996	-	28,858		CBE
300345-011	OLD DOMINION UNIVERSITY	XIAO, S.	117,179	24,647	5,193	5,988	153,007	85,096	-	238,102		CBE
300369-010	UNIVERSITY OF TEXAS AT ARLINGTON	XIAO, S.	38,207	11,469	18,451	-	68,127	27,322	-	95,449		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	12,249	2,261	623	-	15,133	7,980	-	23,113		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	ZEMLIN, C.	97,990	18,086	4,988	-	121,064	63,842	-	184,906		CBE
400037-010	AMERICAN HEART ASSOCIATION	ZEMLIN, C.	(2,056)	-	-	(3,702)	(5,758)	1,424	-	(4,334)		CBE
500226-007	* PULSE BIOSCIENCES (ELECTROBLATE)	ZEMLIN, C.	34,863	56,562	-	-	91,425	50,284	-	141,709		CBE
			1,484,788	500,649	112,764	448,214	2,546,418	1,137,852	-	3,684,267	44.68%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Virginia Modeling, Analysis and Simulation Center - VMASC													
600201-010	*	UNIVERSITY OF AGDER	BARRACO, A.	16,316	-	-	-	16,316	8,974	-	25,290		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	BEHR, J.	14,106	(412)	-	-	13,693	7,258	-	20,951		VMASC
200244-010	*	VA PORT AUTHORITY	BEHR, J.	4,645	-	-	-	4,645	2,555	-	7,200		VMASC
300366-010	*	UNIVERSITY OF NORTH CAROLINA	BEHR, J.	5,125	1,356	-	-	6,480	3,564	-	10,044		VMASC
100488-010	*	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	COLLINS, A.	10,079	453	-	-	10,532	5,582	-	16,114		VMASC
300258-010	*	UNIVERSITY OF MARYLAND	COLLINS, A.	8,698	256	-	-	8,954	4,746	-	13,700		VMASC
200244-011	*	VA PORT AUTHORITY	COLLINS, A.	5,528	-	-	-	5,528	3,041	-	8,569		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL C(	CROLL, M.	-	60	-	-	60	36	-	96		VMASC
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	CROLL, M.	3,032	-	-	-	3,032	1,971	-	5,002		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	CROLL, M.	4,572	177	-	-	4,749	1,235	-	5,984		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	CVIJETIC, B.	22,724	-	-	-	22,724	-	-	22,724		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	DIALLO, S.	22,724	-	-	-	22,724	-	-	22,724		VMASC
400253-010	*	BOSTON VA RESEARCH INSTITUTE, INC	DIALLO, S.	26,403	300	-	-	26,703	4,005	-	30,708		VMASC
600201-010	*	UNIVERSITY OF AGDER	DIALLO, S.	16,316	-	-	-	16,316	8,974	-	25,290		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	DIAZ, R.	14,106	(412)	-	-	13,693	7,258	-	20,951		VMASC
200227-010		VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	38,346	1,101	-	-	39,447	21,696	-	61,142		VMASC
200245-010		VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	15,827	1,186	-	-	17,013	9,357	-	26,370		VMASC
100488-010	*	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	EZELL, B.	13,438	604	-	-	14,042	7,443	-	21,485		VMASC
400289-010	*	BATTELLE CORPORATION	EZELL, B.	45,276	1,570	-	-	46,846	25,765	-	72,611		VMASC
400328-010	*	BATTELLE CORPORATION	EZELL, B.	2,854	-	-	-	2,854	1,570	-	4,424		VMASC
500307-010	*	G2 OPS, INC.	EZELL, B.	6,580	-	-	-	6,580	3,619	-	10,199		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	FOYTIK, P.	4,572	177	-	-	4,749	1,235	-	5,984		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	GILES, B.	7,053	(206)	-	-	6,847	3,629	-	10,475		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	GILES, B.	23,412	-	-	-	23,412	-	-	23,412		VMASC
400284-010	*	THE GENEVA FOUNDATION	GORE, R.	34,928	1,725	-	-	36,654	20,159	-	56,813		VMASC
400289-010	*	BATTELLE CORPORATION	GORE, R.	45,276	1,570	-	-	46,846	25,765	-	72,611		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	GORE, R.	18,289	708	-	-	18,997	4,939	-	23,936		VMASC
400328-010	*	BATTELLE CORPORATION	GORE, R.	1,903	-	-	-	1,903	1,046	-	2,949		VMASC
500307-010	*	G2 OPS, INC.	GORE, R.	6,580	-	-	-	6,580	3,619	-	10,199		VMASC
600201-010	*	UNIVERSITY OF AGDER	GORE, R.	21,755	-	-	-	21,755	11,965	-	33,720		VMASC
400253-010	*	BOSTON VA RESEARCH INSTITUTE, INC	LYNCH, C.	26,403	300	-	-	26,703	4,005	-	30,708		VMASC
300328-010		NORFOLK STATE UNIVERSITY	PADILLA, J.	121,601	3,338	-	6,452	131,391	66,218	-	197,609		VMASC
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	PAPELIS, Y.	6,063	-	-	-	6,063	3,941	-	10,004		VMASC
100521-010	*	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	PAPELIS, Y.	15,496	1,455	-	786	17,737	5,933	-	23,670		VMASC
100601-010	*	U.S. DEPARTMENT OF EDUCATION	PAPELIS, Y.	45,698	3,444	-	4,351	53,493	12,777	-	66,270		VMASC
300337-010	*	OLD DOMINION UNIVERSITY	PAPELIS, Y.	1,561	1,186	-	-	2,747	-	-	2,747		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL C(	PAPELIS, Y.	-	240	-	-	240	144	-	384		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL C(	PARODI, A.	-	720	-	-	720	432	-	1,152		VMASC
400284-010	*	THE GENEVA FOUNDATION	PARODI, A.	104,785	5,175	-	-	109,961	60,478	-	170,439		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	RECHOWICZ, K .	18,289	708	-	-	18,997	4,939	-	23,936		VMASC
300258-010	*	UNIVERSITY OF MARYLAND	ROBINSON, R.	34,792	1,024	-	-	35,816	18,983	-	54,799		VMASC
200244-011	*	VA PORT AUTHORITY	ROBINSON, R.	5,528	-	-	-	5,528	3,041	-	8,569		VMASC

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100617-010	AIR FORCE MATERIAL COMMAND	SHETTY, S.	84,468	-	-	-	84,468	54,904	-	139,373		VMASC
300388-010	NORFOLK STATE UNIVERSITY	SHETTY, S.	45,209	16,986	-	-	62,195	34,207	-	96,403		VMASC
300390-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	43,326	4,987	-	9,129	57,442	26,572	-	84,015		VMASC
300397-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	48,056	39,813	-	-	87,869	48,328	-	136,197		VMASC
300341-010	VIRGINIA COMMONWEALTH UNIVERSITY	WEINBERG, S.	3,225	1,430	-	-	4,655	2,467	-	7,122		VMASC
100590-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	546	9,770	-	-	10,316	3,714	-	14,030		VMASC
100622-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	60,535	-	-	-	60,535	21,793	-	82,327		VMASC
100624-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	2,449	-	-	54,000	56,449	882	-	57,331		VMASC
100629-010	NORFOLK NAVAL SHIPYARD	WEISEL, E.	-	4,182	-	-	4,182	1,338	-	5,520		VMASC
100634-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	2,449	-	-	283,883	286,332	882	-	287,214		VMASC
100642-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	2,449	11,500	-	53,906	67,855	5,022	-	72,876		VMASC
100643-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	47,918	3,839	-	-	51,756	18,632	-	70,389		VMASC
100647-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	2,449	41,648	-	-	44,097	15,875	-	59,971		VMASC
400193-000	NON-DISCLOSED	WEISEL, E.	-	11,622	-	-	11,622	-	-	11,622		VMASC
			1,183,756	173,579	-	412,506	1,769,842	616,510	-	2,386,352	34.83%	
Center for Enterprise Innovation												
200224-010	VIRGINIA ECONOMIC DEVELOPMENT PARTNERSHIP INTERNAT	BRINKER, J.	-	-	-	256	256	-	-	256		TRAD
400273-010	SENTARA HOSPITALS	BRINKER, J.	-	(194)	-	-	(194)	(51)	-	(245)		TRAD
400319-010	NEW MEXICO MEP (MANUFACTURING EXTENSION PARTNERSH	BRINKER, J.	16,298	6,552	-	-	22,850	-	-	22,850		TRAD
500249-010	DAVIS INTERIORS LTD.	BRINKER, J.	879	7	-	-	886	230	-	1,116		TRAD
500264-020	GENEDGE ALLIANCE - (FORMERLY PHILPOTT MANUFACTURIN	BRINKER, J.	277,959	6,160	-	-	284,119	-	-	284,119		TRAD
500265-010	ESKA GRAPHIC BOARD	BRINKER, J.	-	-	-	19	19	5	-	24		TRAD
500269-010	STIHL INC.	BRINKER, J.	-	145	-	-	145	38	-	183		TRAD
500272-010	DESCAL-A-MATIC	BRINKER, J.	-	49	-	366	414	108	-	522		TRAD
500273-010	STIHL INC.	BRINKER, J.	3,947	1,203	-	-	5,149	1,339	-	6,488		TRAD
500275-010	STIHL INC.	BRINKER, J.	-	-	-	12,145	12,145	3,158	-	15,302		TRAD
500277-010	STIHL INC.	BRINKER, J.	5,890	-	-	-	5,890	1,531	-	7,421		TRAD
500280-010	SEACOAST ELECTRIC COMPANY, INC.	BRINKER, J.	-	1,600	-	-	1,600	416	-	2,016		TRAD
500282-010	TABET MANUFACTURING CO.	BRINKER, J.	933	1,600	-	-	2,533	659	-	3,192		TRAD
500287-010	GENEDGE ALLIANCE - (FORMERLY PHILPOTT MANUFACTURIN	BRINKER, J.	323	125	-	-	448	-	-	448		TRAD
500289-010	MACK OWENS	BRINKER, J.	1,261	3,250	-	-	4,511	1,173	-	5,684		TRAD
500291-010	KKS GEM, INC	BRINKER, J.	7,514	105	-	720	8,339	2,169	-	10,509		TRAD
500296-010	LIFENET	BRINKER, J.	20,545	884	-	-	21,429	5,571	-	27,000		TRAD
500299-010	BAUER COMPRESSORS, INC.	BRINKER, J.	1,171	2,400	-	-	3,571	929	-	4,500		TRAD
500305-010	LPR, INC.	BRINKER, J.	3,165	2,788	-	-	5,952	1,548	-	7,500		TRAD
500306-010	LIFENET	BRINKER, J.	15,274	2,675	-	1,892	19,841	5,159	-	25,000		TRAD
500308-010	LIFENET	BRINKER, J.	29,981	8,078	-	-	38,060	9,896	-	47,955		TRAD
500313-010	GENEDGE ALLIANCE - (FORMERLY PHILPOTT MANUFACTURIN	BRINKER, J.	11,663	10,824	-	-	22,487	-	-	22,487		TRAD
500315-010	TABET MANUFACTURING CO.	BRINKER, J.	933	800	-	-	1,733	451	-	2,184		TRAD
500316-010	LPR, INC.	BRINKER, J.	1,911	265	-	-	2,175	566	-	2,741		TRAD
500317-010	PLASSER AMERICAN CORPORATION	BRINKER, J.	6,556	919	-	-	7,475	1,790	-	9,265		TRAD
500320-010	SEACOAST ELECTRIC COMPANY, INC.	BRINKER, J.	747	1,000	-	-	1,747	454	-	2,201		TRAD
500325-010	PLASSER AMERICAN CORPORATION	BRINKER, J.	786	42	-	-	827	215	-	1,043		TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
100415-040	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, M.	28,031	-	-	-	28,031	5,606	-	33,638		TRAD
100415-050	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, M.	72,709	9,399	-	-	82,107	16,421	-	98,529		TRAD
100592-010	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, M.	204,721	36,455	-	-	241,176	62,706	-	303,882		TRAD
100658-010	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, M.	36,079	3,810	-	-	39,888	7,663	-	47,552		TRAD
200201-010	CRATER PLANNING DISTRICT COMMISSION	KASZUBOWSKI, M.	999	175	-	261	1,436	374	-	1,809		TRAD
200201-011	CRATER PLANNING DISTRICT COMMISSION	KASZUBOWSKI, M.	9,275	844	-	9,519	19,638	5,106	-	24,744		TRAD
200204-010	GOVERNOR'S OFFICE	KASZUBOWSKI, M.	(32,599)	195,993	-	30	163,424	-	-	163,424		TRAD
200204-011	GOVERNOR'S OFFICE	KASZUBOWSKI, M.	-	(26)	-	-	(26)	-	-	(26)		TRAD
200204-012	GOVERNOR'S OFFICE	KASZUBOWSKI, M.	10,575	-	-	-	10,575	-	-	10,575		TRAD
200204-020	GOVERNOR'S OFFICE	KASZUBOWSKI, M.	195,829	81,687	-	1,218	278,734	-	-	278,734		TRAD
200230-010	CRATER PLANNING DISTRICT COMMISSION	KASZUBOWSKI, M.	8,561	2,937	-	-	11,497	2,989	-	14,487		TRAD
200230-011	CRATER PLANNING DISTRICT COMMISSION	KASZUBOWSKI, M.	55,538	15,970	-	-	71,508	18,592	-	90,100		TRAD
300126-010	OLD DOMINION UNIVERSITY	KASZUBOWSKI, M.	7,565	129	-	122,438	130,132	-	-	130,132		TRAD
			1,005,018	398,647	-	148,863	1,552,531	156,811	-	1,709,338	10.10%	
Other Miscellaneous Units												
400219-010	* COUNCIL OF WRITING PROGRAM ADMINISTRATORS	BINGHAM-RISHER, R.	-	150	-	-	150	-	-	150		TRAD
300411-010	* OLD DOMINION UNIVERSITY	DRAPER, D.	6,384	167	-	-	6,551	-	-	6,551		TRAD
100527-013	NASA GODDARD SPACEFLIGHT CENTER	DWIGHT SMITH, D.	1,631	3,600	-	3,600	8,831	-	-	8,831		TRAD
300373-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	EDDINS, E.	1,118	575	-	-	1,693	440	-	2,133		TRAD
200244-011	* VA PORT AUTHORITY	FOYTIK, P.	4,739	-	-	-	4,739	2,606	-	7,345		TRAD
300350-010	OLD DOMINION UNIVERSITY	HUCKLESS, M.	2,818	-	-	-	2,818	-	-	2,818		TRAD
300350-020	OLD DOMINION UNIVERSITY	HUCKLESS, M.	2,258	-	-	-	2,258	-	-	2,258		TRAD
100507-010	* NATIONAL SCIENCE FOUNDATION	JONES, W.	34,146	7,871	4,150	-	46,167	22,269	-	68,436		TRAD
300054-010	OLD DOMINION UNIVERSITY	LOVE, L.	259,983	9,819	-	54,168	323,969	21,584	-	345,554		TRAD
300411-010	* OLD DOMINION UNIVERSITY	MAYES, N.	6,384	167	-	-	6,551	-	-	6,551		TRAD
200188-030	* OLD DOMINION UNIVERSITY	MCLEOD, G.	5,729	1,050	-	2,319	9,098	542	-	9,641		TRAD
200244-010	* VA PORT AUTHORITY	MCLEOD, G.	4,645	-	-	-	4,645	2,555	-	7,200		TRAD
100631-010	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	PAYNE, B.	32,719	14,661	-	-	47,380	12,319	-	59,698		TRAD
300411-010	* OLD DOMINION UNIVERSITY	PAYNE, B.	6,578	172	-	-	6,750	-	-	6,750		TRAD
100022-054	NASA GODDARD SPACEFLIGHT CENTER	SMITH, D.	-	397	-	-	397	-	-	397		TRAD
400276-010	* BLUE MOON FUND	STEINHILBER, E.	-	1,849	-	-	1,849	277	-	2,127		TRAD
300051-050	OLD DOMINION UNIVERSITY	STUDIVANT, P.	70,230	9,485	-	5,224	84,939	6,377	-	91,316		TRAD
300051-060	OLD DOMINION UNIVERSITY	STUDIVANT, P.	211,150	6,597	-	25,800	243,547	17,420	-	260,967		TRAD
100538-010	* OFFICE OF NAVAL RESEARCH	WATERS, S.	23,642	3,037	(390)	879	27,168	17,341	-	44,509		TRAD
			674,153	59,596	3,760	91,990	829,498	103,731	-	933,229	12.51%	
TOTAL UNIVERSITY ACTIVITY			**$ 4,347,716**	**$ 1,132,470**	**$ 116,524**	**$ 1,101,573**	**$ 6,698,283**	**$ 2,014,903**	**$ -**	**$ 8,713,186**	**30.08%**	
GRAND TOTAL			**$ 21,752,635**	**$ 5,705,704**	**$ 807,383**	**$ 9,689,985**	**$ 37,955,708**	**$ 8,890,775**	**$ -**	**$ 46,846,482**	**23.42%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2017

			PROJECT DIRECT COST					PROJECT IDC AND FEES					
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
AFFILIATED ACTIVITY												
Virginia Space Grant Consortium												
100041-010	NASA GODDARD SPACEFLIGHT CENTER	CARTER, C.	-	44,740	-	38,863	83,603	11,632	-	95,235		VSGC
100239-010	NATIONAL SCIENCE FOUNDATION	CARTER, C.	-	36,876	-	47,411	84,287	9,588	-	93,874		VSGC
100607-010	NATIONAL SCIENCE FOUNDATION	CARTER, C.	32,385	90,993	-	14,268	137,645	32,078	-	169,724		VSGC
400139-100	NEW HORIZONS REGIONAL EDUCATION CENTERS	CARTER, C.	3,634	2,965	-	4,281	10,879	1,716	-	12,595		VSGC
500323-010	MIDLAND GIS SOLUTIONS	CARTER, C.	1,433	-	-	33,000	34,433	372	-	34,805		VSGC
100022-010	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	-	-	-	(1)	(1)	-	-	(1)		VSGC
100022-050	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	-	10,987	-	(1,059)	9,928	5,494	-	15,422		VSGC
100502-010	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	6,956	3,485	-	32,881	43,322	2,715	-	46,036		VSGC
100522-010	LANGLEY RESEARCH CENTER	SANDY, M.	17,498	58,882	-	-	76,380	19,859	-	96,239		VSGC
100527-010	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	300,860	33,798	-	309,025	643,682	87,011	-	730,693		VSGC
100573-010	NASA/HEADQUARTERS	SANDY, M.	24,140	3,697	-	60,693	88,531	7,238	-	95,768		VSGC
100595-010	* NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	7,727	55,646	-	-	63,373	16,477	-	79,849		VSGC
100631-011	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	SANDY, M.	15,045	9,605	-	2,598	27,249	6,409	-	33,658		VSGC
200005-010	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	225,753	95,216	-	106,759	427,729	-	-	427,729		VSGC
200009-010	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	-	-	-	156,837	156,837	-	-	156,837		VSGC
200009-020	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	20,563	22,827	-	31,345	74,735	-	-	74,735		VSGC
300030-010	UNIVERSITY OF VIRGINIA	SANDY, M.	55,327	59,789	-	112,432	227,548	-	-	227,548		VSGC
300040-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SANDY, M.	223,690	14,600	-	17,004	255,295	-	-	255,295		VSGC
300125-010	OLD DOMINION UNIVERSITY	SANDY, M.	124,867	117,836	-	58,946	301,649	-	-	301,649		VSGC
300342-010	HAMPTON UNIVERSITY	SANDY, M.	31,232	17,625	-	-	48,857	12,703	-	61,560		VSGC
300419-010	VIRGINIA COMMUNITY COLLEGE SYSTEM	SANDY, M.	-	-	-	58,500	58,500	-	-	58,500		VSGC
300423-020	OLD DOMINION UNIVERSITY	SANDY, M.	8,179	7,010	-	1,804	16,993	-	-	16,993		VSGC
400139-090	NEW HORIZONS REGIONAL EDUCATION CENTERS	SANDY, M.	-	-	-	-	-	0	-	0		VSGC
400204-010	THE NATIONAL ACADEMIES	SANDY, M.	162,956	48,282	-	148,590	359,828	54,922	-	414,749		VSGC
			1,262,243	734,859	-	1,234,178	3,231,282	268,213	-	3,499,493	8.30%	
Virginia Tidewater Consortium for Higher Education												
100357-010	U.S. DEPARTMENT OF EDUCATION	DOTOLO, L.	79,617	6,609	-	-	86,226	6,098	-	92,324		TRAD
100618-010	U.S. DEPARTMENT OF EDUCATION	DOTOLO, L.	308,802	38,914	-	-	347,715	26,723	-	374,439		TRAD
400252-010	OPPORTUNITY, INC.	DOTOLO, L.	13,327	584	-	770	14,681	1,391	-	16,072		TRAD
400252-020	OPPORTUNITY, INC.	DOTOLO, L.	66,230	8,405	-	10,138	84,772	7,463	-	92,236		TRAD
			467,975	54,512	-	10,908	533,395	41,676	-	575,071	7.81%	
TOTAL AFFILIATED ACTIVITY			**$ 1,730,218**	**$ 789,371**	**$ -**	**$ 1,245,086**	**$ 3,764,675**	**$ 309,889**	**$ -**	**$ 4,074,564**	**8.23%**	
GRAND TOTAL			**$ 23,482,853**	**$ 6,495,075**	**$ 807,383**	**$ 10,935,071**	**$ 41,720,383**	**$ 9,200,664**	**$ -**	**$ 50,921,046**	**22.05%**	

SCHEDULE 5

Enterprise Centers Including Projects Reported as

Activity of an Academic Department

Fiscal Year 2017

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
APPLIED RESEARCH CENTER														
300311-010		ROCHESTER INSTITUE OF TECHNOLOGY	BAILEY, C.	4054.1	16,184	2,118	-	2,255	20,557	9,700	-	30,257		ARC
100221-010	*	NATIONAL SCIENCE FOUNDATION	BAUMGART, H.	4054.1	2,782	44	-	-	2,826	1,498	-	4,324		ARC
100473-010		NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	BAUMGART, H.	4054.1	38,126	2,369	-	-	40,494	10,529	-	51,023		ARC
300429-010		UNIVERSITY OF VIRGINIA	BAUMGART, H.	4054.1	-	125	14,875	-	15,000	-	-	15,000		ARC
500284-010		SUMMIT INFORMATION SOLUTIONS, INC	BAUMGART, H.	4054.1	53,759	86	-	-	53,845	14,000	-	67,845		ARC
500295-010		MICROXACT, INC.	BAUMGART, H.	4054.1	11,557	171	-	-	11,728	3,049	-	14,777		ARC
300409-010	*	UNIVERSITY OF VIRGINIA	BAUMGART, H.	4054.1	-	4,392	-	-	4,392	-	-	4,392		ARC
100567-010		LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054.1	9,314	-	-	-	9,314	2,422	-	11,735		ARC
100567-020		LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054.1	9,732	-	-	-	9,732	2,530	-	12,262		ARC
100571-010		OFFICE OF NAVAL RESEARCH	ELSAYED-ALI, H.	4054.1	1,473	275	-	916	2,664	852	-	3,516		ARC
400110-022		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, H.	4054.1	4,664	-	-	-	4,664	-	-	4,664		ARC
400125-010		EMBODY	ELSAYED-ALI, H.	4054.1	481	-	-	-	481	265	-	746		ARC
400198-010		NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	ELSAYED-ALI, H.	4054.1	-	(490)	-	0	(490)	(260)	-	(749)		ARC
500253-010		LIFENET	ELSAYED-ALI, H.	4054.1	-	(250)	-	-	(250)	(137)	-	(387)		ARC
500254-010		VERTICAL CARBON TECHNOLOGIES, INC.	ELSAYED-ALI, H.	4054.1	928	-	-	-	928	510	-	1,438		ARC
500258-010		NON-DISCLOSED	ELSAYED-ALI, H.	4054.1	825	200	-	-	1,025	564	-	1,589		ARC
500276-010		LIFENET	ELSAYED-ALI, H.	4054.1	613	-	-	251	863	474	-	1,338		ARC
500285-010		BNNT, LLC	ELSAYED-ALI, H.	4054.1	49	2,470	-	-	2,519	1,386	-	3,905		ARC
500288-010		FACE CONSTRUCTION TECHNOLOGIES	ELSAYED-ALI, H.	4054.1	495	-	-	-	495	272	-	767		ARC
500293-010		BNNT, LLC	ELSAYED-ALI, H.	4054.1	550	1,100	-	-	1,650	908	-	2,558		ARC
100221-010	*	NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054.1	22,258	349	-	-	22,607	11,982	-	34,589		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054.1	-	268	-	-	268	142	-	410		ARC
200191-010	*	CENTER FOR INNOVATIVE TECHNOLOGY	ELSAYED-ALI, H.	4054.1	4,169	2,400	-	-	6,570	1,971	-	8,541		ARC
300409-010	*	UNIVERSITY OF VIRGINIA	ELSAYED-ALI, H.	4054.1	-	10,247	-	-	10,247	-	-	10,247		ARC
100230-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	4054.1	1,592	140	-	-	1,731	917	-	2,648		ARC
100256-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	4054.1	668	426	-	6,250	7,343	580	-	16,914		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	4054.1	-	268	-	-	268	142	-	410		ARC
300344-010		UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054.1	31,236	5,944	-	-	37,180	19,705	-	56,885		ARC
300358-010		UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	MARSILLAC, S.	4054.1	12,128	1,782	-	-	13,909	7,650	-	21,560		ARC
300428-010		COLORADO SCHOOL OF MINES	MARSILLAC, S.	4054.1	17,141	1,715	-	-	18,856	-	-	18,856		ARC
500153-010	*	DOMINION RESOURCES SERVICES, INC.	MARSILLAC, S.	4054.1	-	(491)	-	-	(491)	(260)	-	(751)		ARC
500238-010	*	NON-DISCLOSED	MARSILLAC, S.	4054.1	(574)	(63)	-	(0)	(637)	(338)	-	(974)		ARC
500238-020	*	NON-DISCLOSED	MARSILLAC, S.	4054.1	3,993	208	-	-	4,201	2,227	-	6,428		ARC
300392-010		NORFOLK STATE UNIVERSITY	NAMKOONG, G.	4054.1	5,533	-	-	-	5,533	3,043	-	8,577		ARC
100221-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	4054.1	2,782	44	-	-	2,826	1,498	-	4,324		ARC
100230-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	4054.1	5,173	452	-	-	5,625	2,981	-	8,607		ARC
100256-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	4054.1	5,908	1,362	-	43,000	50,270	3,853	-	54,123		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	4054.1	-	983	-	-	983	521	-	1,504		ARC
200191-010	*	CENTER FOR INNOVATIVE TECHNOLOGY	NAMKOONG, G.	4054.1	9,728	5,601	-	-	15,329	4,599	-	19,928		ARC
100495-010	*	NATIONAL SCIENCE FOUNDATION	RAMJEE, B.	4054.1	-	268	-	-	268	142	-	410		ARC
400110-011		JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELMUSTAFA, A.	4057.1	-	-	-	15,438	15,438	-	-	15,438		ARC
					273,268	44,511	14,875	68,109	400,763	109,916	-	519,670	27.43%	

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS														
100661-010		AIR FORCE RESEARCH LABORATORY	JIANG, C.	4054.2	17,188	807	-	-	17,995	11,697	-	29,691		CBE
300281-010		UNIVERSITY OF SOUTHERN CALIFORNIA	JIANG, C.	4054.2	36,046	17,627	-	2,622	56,295	28,447	-	84,742		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	JIANG, C.	4054.2	-	-	-	2,600	2,600	1,377	-	3,977		CBE
600186-010	*	UNIVERSITY OF SOUTHAMPTON	KONG, M.	4054.2	183,480	49,376	59,642	-	292,498	123,414	-	415,912		CBE
500226-003	*	PULSE BIOSCIENCES (ELECTROBLATE)	HARGRAVE, B.	5056.2	-	12	-	99	111	59	-	169		CBE
100579-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, L.	5056.2	93,539	33,557	-	80,573	207,669	69,903	-	277,572		CBE
500226-002	*	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, L.	5056.2	423	-	-	1,669	2,092	1,084	-	3,176		CBE
100516-010		U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, R.	5056.2	160,058	106,989	-	23,739	290,786	141,535	-	432,321		CBE
400231-010		OLD DOMINION UNIVERSITY	HELLER, R.	5056.2	-	1,171	-	72,716	73,887	8,668	-	82,555		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, R.	5056.2	-	-	-	2,600	2,600	1,377	-	3,977		CBE
300427-010	*	OLD DOMINION UNIVERSITY	BEEBE, S.	9010.2	2,717	2,352	-	-	5,069	1,521	-	6,590		CBE
500226-003	*	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	-	23	-	198	221	117	-	338		CBE
500226-005	*	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	18,281	8,156	-	-	26,438	14,541	-	40,978		CBE
500226-006	*	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	56,770	53,421	-	-	110,191	60,605	-	170,796		CBE
500226-008	*	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	38,044	22,939	-	-	60,983	33,541	-	94,524		CBE
500314-010		PULSE CENTERS	BEEBE, S.	9010.2	3,515	1,863	-	1,706	7,085	2,958	-	10,043		CBE
300010-020		GEORGIA REGENTS UNIVERSITY	CATRAVAS, J.	9010.2	105,137	24,626	-	(0)	129,763	68,775	-	198,538		CBE
300327-020		GEORGIA REGENTS UNIVERSITY	CATRAVAS, J.	9010.2	46,792	24,100	-	-	70,893	37,573	-	108,466		CBE
500226-008	*	PULSE BIOSCIENCES (ELECTROBLATE)	CATRAVAS, J.	9010.2	38,044	22,939	-	-	60,983	33,541	-	94,524		CBE
600210-010		FERRING PHARMACEUTICALS INC.	CATRAVAS, J.	9010.2	24,742	3,222	-	-	27,964	15,380	-	43,345		CBE
600186-010	*	UNIVERSITY OF SOUTHAMPTON	CHEN, H.	9010.2	78,634	21,161	25,561	-	125,356	52,892	-	178,248		CBE
100517-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	GUO, S.	9010.2	25,882	6,596	-	-	32,478	17,213	-	49,691		CBE
300427-010	*	OLD DOMINION UNIVERSITY	GUO, S.	9010.2	2,717	2,352	-	-	5,069	1,521	-	6,590		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	-	-	-	2,600	2,600	1,377	-	3,977		CBE
500226-003	*	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	-	12	-	99	111	59	-	169		CBE
500226-005	*	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	36,562	16,313	-	-	52,875	29,081	-	81,956		CBE
500226-006	*	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	24,330	22,895	-	-	47,225	25,974	-	73,198		CBE
100517-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, R.	9010.2	120,785	30,779	-	-	151,564	80,329	-	231,893		CBE
500226-005	*	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, R.	9010.2	18,281	8,156	-	-	26,438	14,541	-	40,978		CBE
100461-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	9010.2	-	3,339	-	-	3,339	1,769	-	5,108		CBE
100461-011	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	9010.2	3,052	256	-	-	3,308	1,753	-	5,061		CBE
100461-011	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	9010.2	14,816	738	-	-	15,554	8,243	-	23,797		CBE
100548-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, A.	9010.2	97,990	18,086	4,988	-	121,064	63,842	-	184,906		CBE
300345-010		OLD DOMINION UNIVERSITY	PAKHOMOV, A.	9010.2	138,008	52,302	31,371	383,991	605,672	114,186	-	719,859		CBE
500226-002	*	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, A.	9010.2	423	-	-	1,669	2,092	1,084	-	3,176		CBE

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
500226-004	*	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, A.	9010.2	-	-	-	19,803	19,803	10,496	-	30,299		CBE
100548-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOVA, O.	9010.2	12,249	2,261	623	-	15,133	7,980	-	23,113		CBE
300345-012		OLD DOMINION UNIVERSITY	PAKHOMOVA, O.	9010.2	92,861	12,154	1,842	-	106,857	63,009	-	169,866		CBE
500226-002	*	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, O.	9010.2	7,199	-	-	28,369	35,569	18,429	-	53,998		CBE
500226-004	*	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, O.	9010.2	-	-	-	2,303	2,303	1,220	-	3,523		CBE
100517-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SCHOENBACH, K.	9010.2	25,882	6,596	-	-	32,478	17,213	-	49,691		CBE
500226-001	*	PULSE BIOSCIENCES (ELECTROBLATE)	SCHOENBACH, K.	9010.2	-	-	-	2,600	2,600	1,377	-	3,977		CBE
100548-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SEMENOV, I.	9010.2	24,498	4,522	1,247	-	30,266	15,961	-	46,227		CBE
500226-002	*	PULSE BIOSCIENCES (ELECTROBLATE)	SEMENOV, I.	9010.2	423	-	-	1,669	2,092	1,084	-	3,176		CBE
500226-004	*	PULSE BIOSCIENCES (ELECTROBLATE)	SEMENOV, I.	9010.2	-	-	-	921	921	488	-	1,409		CBE
400324-010		BREEDEN-ADAMS FOUNDATION	STACEY, M.	9010.2	2,401	1,142	-	-	3,543	-	-	3,543		CBE
100474-010		AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	VERNIER, T.	9010.2	14,581	3,381	-	-	17,963	10,778	-	28,740		CBE
300345-013		OLD DOMINION UNIVERSITY	VERNIER, T.	9010.2	92,868	6,609	17,877	-	117,355	59,687	-	177,041		CBE
100461-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	9010.2	-	3,339	-	-	3,339	1,769	-	5,108		CBE
100461-011	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	9010.2	17,868	994	-	-	18,861	9,996	-	28,858		CBE
300345-011		OLD DOMINION UNIVERSITY	XIAO, S.	9010.2	117,179	24,647	5,193	5,988	153,007	85,096	-	238,102		CBE
300369-010		UNIVERSITY OF TEXAS AT ARLINGTON	XIAO, S.	9010.2	38,207	11,469	18,451	-	68,127	27,322	-	95,449		CBE
100548-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, S.	9010.2	12,249	2,261	623	-	15,133	7,980	-	23,113		CBE
100548-010	*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	ZEMLIN, C.	9010.2	97,990	18,086	4,988	-	121,064	63,842	-	184,906		CBE
400037-010		AMERICAN HEART ASSOCIATION	ZEMLIN, C.	9010.2	(2,056)	-	-	(3,702)	(5,758)	1,424	-	(4,334)		CBE
500226-007	*	PULSE BIOSCIENCES (ELECTROBLATE)	ZEMLIN, C.	9010.2	34,863	56,562	-	-	91,425	50,284	-	141,709		CBE
					1,975,522	710,188	172,406	634,832	3,492,948	1,525,412	-	5,018,359	43.67%	

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
SOCIAL SCIENCE RESEARCH CENTER														
200229-010		CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, T.	1060	1,389	-	-	87	1,476	232	-	1,708		SSRC
200233-010		CITY OF PORTSMOUTH	VANDECAR-BURDIN, T.	1060	17,024	295	-	-	17,319	4,503	-	21,821		SSRC
300292-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	22,035	7,535	-	-	29,570	1,479	-	31,048		SSRC
300312-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	36,063	25,624	-	-	61,687	3,084	-	64,771		SSRC
300352-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	-	-	-	1,130	1,130	57	-	1,187		SSRC
300433-010		OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	6,330	1,250	-	-	7,580	-	-	7,580		SSRC
500283-010		HENRICO CITIZEN (T3 MEDIA LLC)	VANDECAR-BURDIN, T.	1060	255	-	-	(2)	253	-	-	253		SSRC
600200-010		BEIJING INTERNATIONAL STUDIES UNIVERSITY	VANDECAR-BURDIN, T.	1060	1,038	-	-	67	1,106	586	-	1,692		SSRC
200221-010	*	CITY OF SUFFOLK	VANDECAR-BURDIN, T.	1060	3,178	207	-	-	3,385	880	-	4,265		SSRC
300333-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	42	165	-	-	207	17	-	224		SSRC
300356-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	5,417	1,119	-	-	6,536	523	-	7,058		SSRC
300356-020	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	16,098	2,324	-	-	18,422	1,474	-	19,895		SSRC
300432-010	*	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	1,350	3,267	-	-	4,617	231	-	4,847		SSRC
					110,219	41,785	-	1,283	153,287	13,064	-	166,351	8.52%	
SELF SUPPORTING RESEARCH PROFESSIONALS														
100424-010		NATIONAL MARINE FISHERIES SERVICE	ASHFORD, J.	6085.5	(209)	-	-	0	(209)	(111)	-	(319)		SSRP
600171-010		CHILEAN FISHING DEVELOPMENT INSTITUTE	ASHFORD, J.	6085.5	-	(3,776)	-	(0)	(3,777)	(1,888)	-	(5,665)		SSRP
200166-010		HAMPTON ROADS SANITATION DISTRICT COMMISSION	FILIPPINO, K.	6085.5	1,315	-	-	8	1,324	331	-	1,654		SSRP
100655-010	*	NATIONAL SCIENCE FOUNDATION	FILIPPINO, K.	6085.5	3,042	-	-	13,013	16,055	1,673	-	17,728		SSRP
200228-010	*	HAMPTON ROADS SANITATION DISTRICT COMMISSION	FILIPPINO, K.	6085.5	74,586	6,827	-	-	81,413	20,353	-	101,766		SSRP
100656-010	*	NASA GODDARD SPACEFLIGHT CENTER	HILL, V	6085.5	10,760	-	-	-	10,760	5,918	-	16,677		SSRP
500300-010	*	EXCET, INC.	HILL, V	6085.5	3,707	-	-	-	3,707	2,039	-	5,745		SSRP
100215-010		NATIONAL SCIENCE FOUNDATION	HILL, V.	6085.5	59,302	5,600	-	-	64,902	34,398	-	99,300		SSRP
100493-010	*	U.S. ENVIRONMENTAL PROTECTION AGENCY	HILL, V.	6085.5	4,011	28	-	-	4,039	404	-	4,443		SSRP
100575-010		NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HILL, V.	6085.5	15,172	-	-	113	15,285	8,407	-	23,692		SSRP
100604-010		NATIONAL SCIENCE FOUNDATION	HILL, V.	6085.5	33,915	22,607	205,625	-	262,148	31,087	-	293,235		SSRP
					205,601	31,285	205,625	13,135	455,646	102,611	-	558,257	22.52%	
CENTER FOR CYBERSECURITY														
100612-010		NATIONAL SCIENCE FOUNDATION	WU, H.	4054.9	13,832	8,939	-	-	22,771	12,524	-	35,295	**0.00**	CYBER
100527-016	*	NASA GODDARD SPACEFLIGHT CENTER	XIN, C.	4054.9	-	-	-	381	381	-	-	381		CYBER
100648-010	*	NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	701	219	-	6,603	7,524	506	-	8,030		CYBER
100527-016	*	NASA GODDARD SPACEFLIGHT CENTER	HE, W.	2032.9	-	-	-	381	381	-	-	381		CYBER
					14,533	9,158	-	7,365	31,057	13,031	-	44,087	41.96%	
MITIGATION & ADAPTION RESEARCH INSTITUTE														
100565-010		U.S. FISH AND WILDLIFE SERVICES	PLAG, H.	6085.8	44,963	1,087	-	12,136	58,186	-	-	58,186		MARI
					44,963	1,087	-	12,136	58,186	-	-	58,186	0.00%	

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
VIRGINIA MODELING, ANALYSIS AND SIMULATION CENTER														
100617-010		AIR FORCE MATERIAL COMMAND	SHETTY, S.	4075.3	84,468	-	-	-	84,468	54,904	-	139,373		VMASC
300388-010		NORFOLK STATE UNIVERSITY	SHETTY, S.	4075.3	45,209	16,986	-	-	62,195	34,207	-	96,403		VMASC
300390-010		UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	4075.3	43,326	4,987	-	9,129	57,442	26,572	-	84,015		VMASC
300397-010		UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	4075.3	48,056	39,813	-	-	87,869	48,328	-	136,197		VMASC
100105-062		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	1,131	-	-	21,700	22,830	396	-	23,226		VMASC
100105-064		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	-	-	-	43,278	43,278	-	-	43,278		VMASC
100105-065	*	NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	6,915	-	-	(0)	6,915	2,420	-	9,335		VMASC
100105-066		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	21,212	4,900	-	-	26,111	9,139	-	35,250		VMASC
100105-067		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	734	-	-	150,787	151,521	257	-	151,777		VMASC
100105-068		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	734	-	-	24,100	24,834	257	-	25,091		VMASC
100105-069		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	18,237	-	-	-	18,237	6,383	-	24,620		VMASC
100105-070		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	734	-	-	15,795	16,529	257	-	16,785		VMASC
100561-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	-	3,935	-	669	4,604	1,473	-	6,077		VMASC
100590-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	2,463	24,142	-	-	26,604	9,578	-	36,182		VMASC
100622-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	33,999	-	-	-	33,999	12,240	-	46,239		VMASC
100624-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	1,433	25,000	-	2,000	28,433	9,516	-	37,949		VMASC
100634-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	1,071	25,000	-	52,553	78,624	9,385	-	88,009		VMASC
100642-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	704	13,500	-	1,441	15,645	5,114	-	20,759		VMASC
100643-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, J.	4075.3	10,130	-	-	-	10,130	3,647	-	13,776		VMASC
300337-010	*	OLD DOMINION UNIVERSITY	SOKOLOWSKI, J.	4075.3	347	264	-	-	610	-	-	610		VMASC
400193-000		NON-DISCLOSED	SOKOLOWSKI, J.	4075.3	3,458	4,665	-	10,000	18,122	-	-	18,122		VMASC
600201-010	*	UNIVERSITY OF AGDER	BARRACO, A.	9010.3	16,316	-	-	-	16,316	8,974	-	25,290		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	BEHR, J.	9010.3	14,106	(412)	-	-	13,693	7,258	-	20,951		VMASC
200244-010	*	VA PORT AUTHORITY	BEHR, J.	9010.3	4,645	-	-	-	4,645	2,555	-	7,200		VMASC
300366-010	*	UNIVERSITY OF NORTH CAROLINA	BEHR, J.	9010.3	5,125	1,356	-	-	6,480	3,564	-	10,044		VMASC
100488-010	*	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	COLLINS, A.	9010.3	10,079	453	-	-	10,532	5,582	-	16,114		VMASC
300258-010	*	UNIVERSITY OF MARYLAND	COLLINS, A.	9010.3	8,698	256	-	-	8,954	4,746	-	13,700		VMASC
200244-011	*	VA PORT AUTHORITY	COLLINS, A.	9010.3	5,528	-	-	-	5,528	3,041	-	8,569		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	CROLL, M.	9010.3	-	60	-	-	60	36	-	96		VMASC
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	CROLL, M.	9010.3	3,032	-	-	-	3,032	1,971	-	5,002		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	CROLL, M.	9010.3	4,572	177	-	-	4,749	1,235	-	5,984		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	CVIJETIC, B.	9010.3	22,724	-	-	-	22,724	-	-	22,724		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	DIALLO, S.	9010.3	22,724	-	-	-	22,724	-	-	22,724		VMASC
400253-010	*	BOSTON VA RESEARCH INSTITUTE, INC	DIALLO, S.	9010.3	26,403	300	-	-	26,703	4,005	-	30,708		VMASC
600201-010	*	UNIVERSITY OF AGDER	DIALLO, S.	9010.3	16,316	-	-	-	16,316	8,974	-	25,290		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	DIAZ, R.	9010.3	14,106	(412)	-	-	13,693	7,258	-	20,951		VMASC
200227-010		VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	38,346	1,101	-	-	39,447	21,696	-	61,142		VMASC
200245-010		VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	15,827	1,186	-	-	17,013	9,357	-	26,370		VMASC
100488-010	*	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	EZELL, B.	9010.3	13,438	604	-	-	14,042	7,443	-	21,485		VMASC
400289-010	*	BATTELLE CORPORATION	EZELL, B.	9010.3	45,276	1,570	-	-	46,846	25,765	-	72,611		VMASC
400328-010	*	BATTELLE CORPORATION	EZELL, B.	9010.3	2,854	-	-	-	2,854	1,570	-	4,424		VMASC
500307-010	*	G2 OPS, INC.	EZELL, B.	9010.3	6,580	-	-	-	6,580	3,619	-	10,199		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	FOYTIK, P.	9010.3	4,572	177	-	-	4,749	1,235	-	5,984		VMASC
100515-010	*	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	GILES, B.	9010.3	7,053	(206)	-	-	6,847	3,629	-	10,475		VMASC
300391-010	*	OLD DOMINION UNIVERSITY	GILES, B.	9010.3	23,412	-	-	-	23,412	-	-	23,412		VMASC

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY
OF AN ACADEMIC DEPARTMENT
(MEASURED BY EXPENDITURES INCURRED)
FOR FISCAL YEAR 2017

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER			PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
400284-010	*	THE GENEVA FOUNDATION	GORE, R.	9010.3	34,928	1,725	-	-	36,654	20,159	-	56,813		VMASC
400289-010	*	BATTELLE CORPORATION	GORE, R.	9010.3	45,276	1,570	-	-	46,846	25,765	-	72,611		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	GORE, R.	9010.3	18,289	708	-	-	18,997	4,939	-	23,936		VMASC
400328-010	*	BATTELLE CORPORATION	GORE, R.	9010.3	1,903	-	-	-	1,903	1,046	-	2,949		VMASC
500307-010	*	G2 OPS, INC.	GORE, R.	9010.3	6,580	-	-	-	6,580	3,619	-	10,199		VMASC
600201-010	*	UNIVERSITY OF AGDER	GORE, R.	9010.3	21,755	-	-	-	21,755	11,965	-	33,720		VMASC
400253-010	*	BOSTON VA RESEARCH INSTITUTE, INC	LYNCH, C.	9010.3	26,403	300	-	-	26,703	4,005	-	30,708		VMASC
300328-010		NORFOLK STATE UNIVERSITY	PADILLA, J.	9010.3	121,601	3,338	-	6,452	131,391	66,218	-	197,609		VMASC
100143-004	*	SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)	PAPELIS, Y.	9010.3	6,063	-	-	-	6,063	3,941	-	10,004		VMASC
100521-010	*	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	PAPELIS, Y.	9010.3	15,496	1,455	-	786	17,737	5,933	-	23,670		VMASC
100601-010	*	U.S. DEPARTMENT OF EDUCATION	PAPELIS, Y.	9010.3	45,698	3,444	-	4,351	53,493	12,777	-	66,270		VMASC
300337-010	*	OLD DOMINION UNIVERSITY	PAPELIS, Y.	9010.3	1,561	1,186	-	-	2,747	-	-	2,747		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	PAPELIS, Y.	9010.3	-	240	-	-	240	144	-	384		VMASC
100072-010	*	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	PARODI, A.	9010.3	-	720	-	-	720	432	-	1,152		VMASC
400284-010	*	THE GENEVA FOUNDATION	PARODI, A.	9010.3	104,785	5,175	-	-	109,961	60,478	-	170,439		VMASC
400307-010	*	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	RECHOWICZ, K .	9010.3	18,289	708	-	-	18,997	4,939	-	23,936		VMASC
300258-010	*	UNIVERSITY OF MARYLAND	ROBINSON, R.	9010.3	34,792	1,024	-	-	35,816	18,983	-	54,799		VMASC
200244-011	*	VA PORT AUTHORITY	ROBINSON, R.	9010.3	5,528	-	-	-	5,528	3,041	-	8,569		VMASC
300341-010		VIRGINIA COMMONWEALTH UNIVERSITY	WEINBERG, S.	9010.3	3,225	1,430	-	-	4,655	2,467	-	7,122		VMASC
100590-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	546	9,770	-	-	10,316	3,714	-	14,030		VMASC
100622-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	60,535	-	-	-	60,535	21,793	-	82,327		VMASC
100624-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	2,449	-	-	54,000	56,449	882	-	57,331		VMASC
100629-010		NORFOLK NAVAL SHIPYARD	WEISEL, E.	9010.3	-	4,182	-	-	4,182	1,338	-	5,520		VMASC
100634-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	2,449	-	-	283,883	286,332	882	-	287,214		VMASC
100642-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	2,449	11,500	-	53,906	67,855	5,022	-	72,876		VMASC
100643-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	47,918	3,839	-	-	51,756	18,632	-	70,389		VMASC
100647-010		NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.	9010.3	2,449	41,648	-	-	44,097	15,875	-	59,971		VMASC
400193-000		NON-DISCLOSED	WEISEL, E.	9010.3	-	11,622	-	-	11,622	-	-	11,622		VMASC
					1,287,057	274,983	-	734,829	2,296,868	686,570	-	2,983,439	29.89%	
					3,911,163	**1,112,998**	**392,906**	**1,471,688**	**6,888,755**	**2,450,604**	**-**	**9,348,350**	**35.57%**	

SCHEDULE 6

Sponsored Program Activity

Proposals Submitted and Awards Funded

Fiscal Year 2017 through Fiscal Year 2013

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 17	FY 16	FY 15	FY 14	FY 13	FY 17	FY 16	FY 15	FY 14	FY 13
COLLEGE OF ARTS & LETTERS										
Art	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Communication & Theatre Arts	418,145	43,829	252,579	620,942	666,900	-	30,340	22,500	-	-
English	-	712,206	125,456	43,063	131,445	128,777	1,000	46,956	28,939	1,000
Foreign Languages & Literatures	-	-	89,078	213,307	264,126	-	-	-	6,494	-
History	54,630	6,300	100,000	53,782	-	60,930	-	-	44,487	54,770
International Studies	-	-	-	-	-	-	-	-	-	-
Music	-	-	4,600	-	-	-	-	-	-	-
Philosophy & Religious Studies	19,980	67,565	77,305	135,017	750	-	18,612	-	-	-
Political Science & Geography	3,330,522	186,390	836,072	581,193	433,142	64,773	81,285	17,500	56,737	137,564
Social Science Research Center	591,003	461,893	3,345,297	266,380	344,229	167,967	206,114	60,000	204,366	198,595
Sociology & Criminal Justice	610,177	3,878,504	3,127,178	4,977,302	3,531,183	951,946	442,507	2,000	-	21,344
Dean's Office	96,363	58,025	-	1,650	1,500	-	-	-	27,827	32,843
College Total	$ 5,120,820	$ 5,414,712	$ 7,957,564	$ 6,892,636	$ 5,373,275	$ 1,374,393	$ 779,858	$ 148,956	$ 368,850	$ 446,116
% Change from prior year	-5.43%	-31.96%	15.45%	28.28%	-1.23%	76.24%	423.55%	-59.62%	-17.32%	4.89%
Average yearly increase (decrease)	-3.27%					13.35%				
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION										
Business Administration	$ -	$ 2,500	$ -	$ -	$ 143,983	$ -	$ 2,500	$ -	$ -	$ -
Economics	2,684,711	473,697	10,834	149,497	138,278	113,137	83,615	85,997	50,000	21,264
Finance, Insurance and Real Estate	-	-	614,859	13,501	-	-	-	-	-	
Information Systems/Decision Science	3,035,573	2,222,702	2,783,518	2,082,405	865,639	296,496	18,612	186,997	190,589	-
Marketing	243,271	286,630	-	139,708		15,000	14,999	-	-	
School of Public Service	236,694	569,923	363,993	493,384	366,125	17,425	77,738	-	-	100,610
College Total	$ 6,200,248	$ 3,555,452	$ 3,773,205	$ 2,878,495	$ 1,514,025	$ 442,058	$ 197,464	$ 272,994	$ 240,589	$ 121,874
% Change from prior year	74.39%	-5.77%	31.08%	90.12%	-35.19%	123.87%	-27.67%	13.47%	97.41%	32.03%
Average yearly increase (decrease)	26.98%					7.46%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 17	FY 16	FY 15	FY 14	FY 13	FY 17	FY 16	FY 15	FY 14	FY 13
COLLEGE OF EDUCATION										
Center for Educ Partnerships	$ 6,650,683	$ 7,772,693	$ 4,552,356	$ 13,872,006	$ -	$ 34,404	$ 725,198	$ 296,328	$ 303,028	$ -
Communication Disorders and Special Education	16,834,358	7,622,526	8,570,881	9,160,608	9,107,728	4,292,759	3,539,575	3,386,586	3,445,431	3,711,358
Counseling and Human Services	1,533,580	645,822	1,754,803	1,082,910	183,230	369,333	73,835	176,362	142,154	129,517
Educational Foundations and Leadership	2,324,355	2,382,606	1,224,373	4,477,339	154,489	231,430	75,768	153,738	164,121	373,272
Foundations and Special Programs	-	-	-	-	-	-	-	-	-	12,862
Human Movement Sciences	877,430	1,927,374	255,247	2,039,566	1,981,547	62,765	34,441	82,648	196,134	133,708
STEM Education and Professional Studies	1,894,113	3,048,362	3,165,398	4,836,792	4,243,227	376,911	470,534	251,662	636,790	537,396
Teaching and Learning	1,259,055	3,040,287	1,799,602	3,237,050	1,306,713	245,308	-	790,864	761,182	491,280
Dean's Office	4,183,851	823,334	872,701	272,536	2,512,082	784,748	776,000	472,536	412,038	615,489
College Total	$ 35,557,426	$ 27,263,004	$ 22,195,361	$ 38,978,807	$ 19,489,016	$ 6,397,658	$ 5,695,350	$ 5,610,724	$ 6,060,878	$ 6,004,882
% Change from prior year	30.42%	22.83%	-43.06%	100.00%	-52.95%	12.33%	1.51%	-7.43%	0.93%	-80.72%
Average yearly increase (decrease)	10.62%					1.75%				
COLLEGE OF ENGINEERING & TECHNOLOGY										
Applied Research Center - ARC	$ 197,900	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Center for Advanced Engineering Environments	-	-	-	-	-	-	-	590,469	1,009,393	
Civil & Environmental Engineering	9,811,865	9,094,065	5,166,059	3,214,466	8,536,172	1,147,780	1,726,005	-	-	757,245
Electrical & Computer Engineering	15,438,102	13,939,958	17,739,574	15,923,596	14,083,036	2,723,430	2,289,620	2,509,953	2,791,842	2,861,655
Engineering Career Management Center	-	-	5,619,632	1,891,456	-	-	-	-	-	
Engineering Management	10,490,564	2,742,809	-	-	2,763,197	446,196	157,466	810,804	195,111	372,042
Engineering Technology	13,828,359	6,568,428	5,376,504	4,672,026	4,139,876	312,765	1,669,592	383,531	158,290	283,030
Mechanical & Aerospace Engineering	5,813,200	5,971,306	12,040,934	7,632,052	7,692,370	978,171	1,366,851	1,429,282	809,129	951,108
Mid-Atlantic Institute for Space & Technology	-	-	-	-	-	-	-	-	-	
Modeling, Simulation & Visualization Engineering	11,632,827	26,217,111	9,431,733	22,293,259	5,077,335	2,594,582	2,249,559	3,555,337	3,745,625	1,408,708
National Centers Systems of Systems Engineering	-	-	-	-	438,809	-	-	-	-	357,304
VA Commercial Space Flight Authority	-	-	-	-	122,082	-	-	12,071,426	17,383,775	68,889,898
Dean's Office	4,218,917	996,955	13,677,760	6,332,123	836,629	1,593,522	334,999	50,000	110,000	57,261
College Total	$ 71,431,734	$ 65,530,632	$ 69,052,195	$ 61,958,978	$ 43,689,506	$ 9,796,447	$ 9,794,091	$ 21,400,803	$ 26,203,165	$ 75,938,251
% Change from prior year	9.01%	-5.10%	11.45%	41.82%	-25.00%	0.02%	-54.23%	-18.33%	-65.49%	325.21%
Average yearly increase (decrease)	4.89%					-15.24%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 17	FY 16	FY 15	FY 14	FY 13	FY 17	FY 16	FY 15	FY 14	FY 13
COLLEGE OF HEALTH SCIENCES										
Community & Environmental Health	$ 2,422,111	$ 1,552,092	$ 2,382,036	$ 996,695	$ 1,212,534	$ 227,814	$ 106,949	$ 86,680	$ 129,951	$ 506,107
Dental Hygiene	330,369	1,085,532	680,315	641,555	255,746	21,380	35,322	84,050	37,692	140,942
Medical Diagnostic & Translation Sciences	14,773,634	3,651,458	12,477,283	12,748,599	1,722,427	879,152	2,147,602	1,461,533	500,044	992,787
Nursing	1,949,918	4,407,576	2,524,806	3,077,080	4,229,650	1,928,280	1,801,399	1,248,605	608,348	820,280
Physical Therapy	3,218,919	1,417,021	634,050	1,769,146	954,085	88,183	12,779	209,912	162,539	254,513
Dean's Office	295,366	579,594	1,109,558	76,419	-	-	-	15,000	57,773	28,465
College Total	$ 22,990,316	$ 12,693,272	$ 19,808,047	$ 19,309,494	$ 8,374,442	$ 3,144,809	$ 4,104,051	$ 3,105,780	$ 1,496,347	$ 2,743,094
% Change from prior year	81.12%	-35.92%	2.58%	130.58%	-30.21%	-23.37%	32.14%	107.56%	-45.45%	11.18%
Average yearly increase (decrease)	21.11%					12.73%				
COLLEGE OF SCIENCES										
Biological Sciences	$ 21,225,853	$ 19,806,536	$ 20,545,968	$ 24,134,374	$ 10,128,824	$ 2,156,245	$ 2,372,424	$ 1,582,361	$ 1,128,100	$ 1,735,051
Center for Coastal Physical Oceanography	6,905,188	4,265,269	5,606,910	5,599,819	4,439,394	483,646	640,905	356,119	391,085	182,833
Center for Coastal Physical Oceanography - SSRP	-	-	-	-	-	-	-	-	-	-
Center for Computational Sciences	-	-	-	-	-	-	-	-	-	-
Chemistry and Biochemistry	110,099,209	124,085,044	13,398,330	127,289,760	30,062,563	3,142,914	1,935,570	2,827,521	2,055,441	5,092,803
Chemistry and Biochemistry - SSRP	-	-	-	-	-	-	-	-	-	-
Computer Science	5,577,469	7,474,239	12,097,893	14,572,710	10,939,445	1,167,987	2,293,408	3,424,949	653,188	550,503
Mathematics and Statistics	3,261,498	3,494,460	3,722,864	3,522,753	3,984,100	607,848	406,255	485,547	872,259	769,616
Mathematics and Statistics - SSRP	-	-	-	-	-	-	-	-	-	-
Ocean, Earth & Atmospheric Sciences	13,842,728	19,028,932	13,837,812	15,085,778	12,008,009	4,093,621	3,700,789	2,942,012	1,718,930	4,961,211
Ocean, Earth & Atmospheric Sciences - SSRP	-	-	-	-	-	-	-	-	-	-
Physics	10,824,028	14,332,714	6,155,595	16,123,862	13,900,363	2,499,353	3,325,122	3,768,552	4,417,928	3,394,163
Psychology	8,336,627	1,958,008	12,080,538	8,060,032	4,334,235	1,477,708	1,822,824	865,194	1,397,956	1,677,716
Dean's Office	643,150	-	361,500	-	15,790	-	-	-	5,366	6,607
College Total	$ 180,715,749	$ 194,445,201	$ 87,807,410	$ 214,389,088	$ 89,812,723	$ 15,629,323	$ 16,497,298	$ 16,252,254	$ 12,640,253	$ 18,370,503
% Change from prior year	-7.06%	121.45%	-59.04%	138.71%	-44.80%	-5.26%	1.51%	28.58%	-31.19%	24.84%
Average yearly increase (decrease)	18.17%					-3.00%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2017 THROUGH FISCAL YEAR 2013

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 17	**FY 16**	**FY 15**	**FY 14**	**FY 13**	**FY 17**	**FY 16**	**FY 15**	**FY 14**	**FY 13**
OFFICE OF RESEARCH AND OTHER UNITS										
Office of Research	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
VMASC: Virginia Modeling, Analysis	24,853,771	21,340,031	30,809,977	18,066,607						
& Simulation Center	-	-	-	-	19,345,791	1,107,570	1,524,927	1,506,024	2,127,012	3,934,928
Frank Reidy Research Center for Bioelectrics	21,092,036	24,452,423	26,309,702	19,511,697	11,335,871	2,398,392	3,792,085	2,122,087	3,851,893	389,680
Center for Enterprise Innovation	918,265	3,086,737	2,912,549	10,044,214	2,082,237	2,122,192	1,826,114	815,531	1,755,592	1,319,813
Office of Distance Learning	-	-	-	-	-	-	-	-	-	-
VA Tidewater Consortium for Higher Education	630,744	2,390,142	10,542,015	-	944,035	517,182	605,170	577,534	455,057	723,170
VA Space Grant Consortium	2,147,569	4,874,897	6,988,483	3,735,036	7,096,444	4,361,998	1,877,883	3,299,640	5,822,264	5,620,555
Micellaneous Units	5,163,059	6,127,395	983,823	527,557	1,016,962	1,706,003	581,113	506,581	708,657	806,790
Total Non-University Activity	$ 54,805,444	$ 62,271,625	$ 78,546,549	$ 51,885,111	$ 41,821,340	$ 12,213,336	$ 10,207,293	$ 8,827,397	$ 14,720,475	$ 12,794,936
% Change from prior year	-11.99%	-20.72%	51.39%	24.06%	42.89%	19.65%	15.63%	-40.03%	15.05%	-9.32%
Average yearly increase (decrease)	15.02%					-3.71%				
GRAND TOTAL	$ 376,821,737	$ 371,173,899	$ 289,140,332	$ 396,292,609	$ 210,074,327	$ 48,998,025	$ 47,275,404	$ 55,618,908	$ 61,730,557	$ 116,419,656
% CHANGE FROM PRIOR YEAR	1.52%	28.37%	-27.04%	88.64%	-32.55%	3.64%	-15.00%	-9.90%	-46.98%	44.05%
Average yearly increase (decrease)	13.26%					-8.26%				