




Old Dominion University Research Foundation

To: Distribution

From: Julian F. Facenda
Executive Director 

Date: September 19, 2019

Subject: Indirect Cost Allocation Report
For the Six-Month Period Ended June 30, 2019

The Indirect Cost Allocation Reports are available on the Research Foundation's web page at <http://www.researchfoundation.odu.edu/reports/reports.html>.

Attached you will find the Indirect Cost (IDC) Allocation report for the six-month period ended June 30, 2019. This report provides a combined reporting of the two University-approved IDC allocation methods currently in use: The Traditional Method and the Non-Traditional Method.

The Traditional Method covers the research activity of regular faculty members working within the capacity of their academic or administrative appointments and now includes Self-Supporting Research Professional Positions (SSRP). The IDC allocation policy for SSRP's was changed in FY 2013 to a manner consistent with academic faculty. The Non-Traditional Method encompasses projects of University approved research centers and the Virginia Space Grant Consortium, an affiliated organization.

At the direction of the University, there have been several changes to the IDC allocations for the last two reporting cycles. For the fiscal year ended June 30, 2019 the Research Foundation operating budget was funded at the full amount of the approved budget, net of fees received from affiliated entities. No funds allocation to the Research Foundation reserves. The Office of Research has established a Research Investment Fund that receives 3% of Indirect Cost Recoveries as well as a fund for the costs associated with Controlled Unclassified Information funded at \$71,000 annually. The Office of Research changed the allocation to the Intellectual Property Fund to be 2% of indirect cost recoveries plus \$120,000 annually. The University has increased the state mandated return from \$288,964 annually to \$690,692 for the fiscal year. Below is a summary of the indirect cost recoveries allocated and distributed for the fiscal year:

ALLOCATION OF INDIRECT COST RECOVERIES

RESEARCH FOUNDATION	\$ 3,810,772	43%
UNIVERSITY ACADEMIC UNITS	2,800,525	31%
ODU OFFICE OF RESEARCH	1,449,884	17%
ODU ADMINISTRATION & FINANCE	690,692	8%
AFFILIATED UNITS	134,904	2%
TOTAL ALLOCATED AND DISTRIBUTED	<u>\$ 8,886,777</u>	<u>100%</u>

The effective IDC rate for the University activity in the Traditional and Non-traditional models including affiliates is 22.21% for the fiscal year. Funding for the Research Foundation operations is 43% of total indirect cost recoveries for the fiscal year. Indirect cost recoveries from all sources increased \$98,134 for the six-month period ending June 30, 2019 when compared to the same period in the previous year.

Should you have any questions concerning the enclosed report please do not hesitate to contact Beverly Uzel at 683-7215 (e-mail buzel@odu.edu), Casey Gollhofer at 683-7211 (e-mail cgollihe@odu.edu) or me at 683-7210 (e-mail jfacenda@odu.edu).

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Old Dominion University Research Foundation
Indirect Cost Allocation Report
For the Six-month Period Ended June 30, 2019

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Distribution:

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ODU Vice Presidents
Senior Academic Deans
Associate Deans for Research
Academic Department Chairs

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST ALLOCATION REPORT
COMBINED SUMMARY OF TRADITIONAL, NON-TRADITIONAL AND AFFILIATED ALLOCATION METHODS
SCHEDULE OF DIRECT AND INDIRECT COST RECOVERIES, AND RECOVERY RATES
FISCAL YEAR ENDED 06/30/19

PERIOD	FY 19 TOTAL		TRADITIONAL ALLOCATION		NON-TRADITIONAL ALLOCATION		AFFILIATED ALLOCATION	
DIRECT COST RECOVERIES	\$ 40,014,283	82%	\$ 26,116,894	81%	\$ 10,618,718	81%	\$ 3,278,671	94%
INDIRECT COST RECOVERIES	8,886,777	18%	6,130,387	19%	2,548,844	19%	207,546	6%
TOTAL RECOVERIES	\$ 48,901,060	100%	\$ 32,247,281	100%	\$ 13,167,562	100%	\$ 3,486,216	100%
INDIRECT COST RECOVERIES:								
DEPARTMENTAL / ENTERPRISE CENTER PROJECTS	\$ 8,679,231	98%	\$ 6,130,387	100%	\$ 2,548,844	100%	\$ -	0%
AFFILIATED ACTIVITIES	207,546	2%	-	0%	-	0%	207,546	100%
TOTAL INDIRECT COST RECOVERIES	\$ 8,886,777	100%	\$ 6,130,387	100%	\$ 2,548,844	100%	\$ 207,546	100%
EFFECTIVE OVERALL IDC RATE	22.21%		23.47%		24.00%		6.33%	
EFFECTIVE FOUNDATION OVERHEAD RATE	9.52%		10.11%		10.34%		2.22%	
EFFECTIVE UNIVERSITY OVERHEAD RATE	12.35%		13.36%		13.67%		0.00%	
DISTRIBUTION OF IDC RECOVERIES:		% of Total IDC		% of Total IDC		% of Total IDC		% of Total IDC
RESEARCH FOUNDATION	\$ 3,810,772	43%	\$ 2,640,411	43%	\$ 1,097,720	43%	\$ 72,642	35%
UNIVERSITY	4,941,101	56%	3,489,977	57%	1,451,125	57%	-	0%
AFFILIATED UNITS	134,904	1%	-	0%	-	0%	134,904	65%
TOTAL DISTRIBUTION	\$ 8,886,777	100%	\$ 6,130,387	100%	\$ 2,548,844	100%	\$ 207,546	100%
UNIVERSITY DISTRIBUTION								
ADMINISTRATIVE UNITS								
OFFICE OF RESEARCH								
TRADITIONAL ALLOCATION	920,422	10%	920,422	16%	-	0%	-	0%
RESEARCH INVESTMENT FUND	260,377	3%	183,911	3%	76,465	3%	-	0%
INTELLECTUAL PROPERTY FUND	233,585	3%	164,346	3%	69,238	3%	-	0%
CUI FACILITY SECURITY	35,500	1%	24,695	0%	10,805	0%	-	0%
FINANCE & ADMINISTRATION								
STATE RETURN	690,692	8%	487,244	8%	203,448	8%	-	0%
SUBTOTAL: ADMINISTRATIVE UNITS	2,140,576	25%	1,780,619	29%	359,957	14%	-	0%
ACADEMIC UNITS								
COLLEGES / ENTERPRISE CENTERS	\$ 1,617,124	18%	\$ 525,956	9%	\$ 1,091,168	43%	\$ -	0%
DEPARTMENTS	657,445	7%	657,445	10%	-	0%	-	0%
FACULTY AND SELF-SUPPORTING RESEARCH POSITIONS	525,956	6%	525,956	9%	-	0%	-	0%
SUBTOTAL: ACADEMIC UNITS	2,800,525	31%	1,709,357	28%	1,091,168	43%	-	0%
TOTAL IDC DISTRIBUTED TO ODU AND AFFILIATED UNITS	\$ 4,941,101	56%	\$ 3,489,977	57%	\$ 1,451,125	57%	\$ -	0%

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST ALLOCATION REPORT
COMBINED SUMMARY OF TRADITIONAL, NON-TRADITIONAL AND AFFILIATED ALLOCATION METHODS
SCHEDULE OF DIRECT AND INDIRECT COST RECOVERIES, AND RECOVERY RATES
SIX MONTH PERIOD ENDING 6/30/2019

PERIOD	SIX-MONTH TOTAL 6/30/2019		TRADITIONAL ALLOCATION		NON-TRADITIONAL ALLOCATION		AFFILIATED ALLOCATION	
DIRECT COST RECOVERIES	\$ 20,570,999	82%	\$ 12,746,684	81%	\$ 6,062,769	82%	\$ 1,761,547	94%
INDIRECT COST RECOVERIES	4,453,946	18%	3,026,841	19%	1,324,309	18%	102,796	6%
TOTAL RECOVERIES	\$ 25,024,945	100%	\$ 15,773,525	100%	\$ 7,387,077	100%	\$ 1,864,343	100%
INDIRECT COST RECOVERIES:								
DEPARTMENTAL / ENTERPRISE CENTER PROJECTS	\$ 4,339,930	97%	\$ 3,026,841	100%	\$ 1,313,089	99%	\$ -	0%
SELF-SUPPORTING RESEARCH POSITIONS	11,220	0%	-	0%	11,220	1%	-	0%
OTHER AFFILIATED ACTIVITIES	102,796	2%	-	0%	-	0%	102,796	100%
TOTAL INDIRECT COST RECOVERIES	\$ 4,453,946	99%	\$ 3,026,841	100%	\$ 1,324,309	100%	\$ 102,796	100%
EFFECTIVE OVERALL IDC RATE	21.65%		23.75%		21.84%		5.84%	
EFFECTIVE FOUNDATION OVERHEAD RATE	9.27%		10.21%		9.39%		2.04%	
EFFECTIVE UNIVERSITY OVERHEAD RATE	12.06%		13.53%		12.45%		0.00%	
DISTRIBUTION OF IDC RECOVERIES:		% of Total IDC		% of Total IDC		% of Total IDC		% of Total IDC
RESEARCH FOUNDATION	\$ 1,907,085	43%	\$ 1,301,619	43%	\$ 569,487	43%	\$ 35,979	35%
UNIVERSITY	2,480,044	56%	1,725,222	57%	754,822	57%	-	0%
AFFILIATED UNITS	66,817	2%	-	0%	-	0%	66,817	65%
TOTAL DISTRIBUTION	\$ 4,453,946	100%	\$ 3,026,841	100%	\$ 1,324,309	100%	\$ 102,796	100%
UNIVERSITY DISTRIBUTION								
ADMINISTRATIVE UNITS								
OFFICE OF RESEARCH								
TRADITIONAL ALLOCATION	436,354	10%	436,354	14%	-	0%	-	0%
RESEARCH INVESTMENT FUND	130,535	3%	90,806	3%	39,729	3%	-	0%
INTELLECTUAL PROPERTY FUND	147,023	3%	102,275	3%	44,748	3%	-	0%
CUI FACILITY SECURITY	35,500	1%	24,695	1%	10,805	1%	-	0%
FINANCE & ADMINISTRATION								
STATE RETURN	374,792	8%	260,721	9%	114,071	9%	-	0%
SUBTOTAL: ADMINISTRATIVE UNITS	1,124,204	25%	914,851	30%	209,352	16%	-	0%
ACADEMIC UNITS								
COLLEGES / ENTERPRISE CENTERS	\$ 794,815	18%	\$ 249,345	8%	\$ 545,470	41%	\$ -	0%
DEPARTMENTS	311,682	7%	311,682	11%	-	0%	-	0%
FACULTY AND SELF-SUPPORTING RESEARCH POSITIONS	249,345	6%	249,345	8%	-	0%	-	0%
SUBTOTAL: ACADEMIC UNITS	1,355,842	31%	810,372	27%	545,470	41%	-	0%
TOTAL IDC DISTRIBUTED TO ODU	\$ 2,480,046	56%	\$ 1,725,222	57%	\$ 754,822	57%	\$ -	0%

Old Dominion University Research Foundation

Indirect Cost Allocation Report

For the Six-month Period Ended June 30, 2019

Section 1

Traditional Allocation Method

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|------------|---|
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OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

**SCHEDULE OF DIRECT AND INDIRECT COST RECOVERIES, AND RECOVERY RATES
SIX MONTH PERIOD ENDING 06/30/2019 AND PRIOR FISCAL YEAR
SCHEDULE 1**

TRADITIONAL ALLOCATION METHOD

PERIOD	1/1/2019 6/30/2019		7/1/2018 12/31/2018		TOTAL FY19		TOTAL FY18	
DIRECT COST RECOVERIES	\$ 12,746,684	81%	\$ 13,370,210	81%	\$ 26,116,894	81%	\$ 26,567,247	82%
INDIRECT COST RECOVERIES	3,026,841	19%	3,103,546	19%	6,130,387	19%	5,961,582	18%
TOTAL RECOVERIES	\$ 15,773,525	100%	\$ 16,473,756	100%	\$ 32,247,281	100%	\$ 32,528,829	100%
INDIRECT COST RECOVERIES:								
DEPARTMENTAL GENERATED PROJECTS	\$ 3,026,841	100%	\$ 3,103,546	100%	\$ 6,130,387	100%	\$ 5,961,582	100%
OTHER FEES	-	0%	-	0%	-	0%	-	0%
TOTAL INDIRECT COST RECOVERIES	\$ 3,026,841	100%	\$ 3,103,546	100%	\$ 6,130,387	100%	\$ 5,961,582	100%
EFFECTIVE OVERALL IDC RATE								
	23.75%		23.21%		23.47%		22.44%	
EFFECTIVE FOUNDATION OVERHEAD RATE								
	10.21%		10.01%		10.11%		10.07%	
EFFECTIVE UNIVERSITY OVERHEAD RATE								
	13.53%		13.20%		13.36%		12.37%	
DISTRIBUTION OF IDC RECOVERIES:								
		% ofTotal IDC		% ofTotal IDC		% ofTotal IDC		% ofTotal IDC
RESEARCH FOUNDATION	\$ 1,301,618	43%	\$ 1,338,793	43%	\$ 2,640,411	43%	\$ 2,674,761	45%
UNIVERSITY	1,725,224	57%	1,764,753	57%	3,489,977	57%	3,286,821	55%
TOTAL DISTRIBUTION	\$ 3,026,841	100%	\$ 3,103,546	100%	\$ 6,130,387	100%	\$ 5,961,582	100%
UNIVERSITY DISTRIBUTION								
ADMINISTRATIVE UNITS								
OFFICE OF RESEARCH								
TRADITIONAL ALLOCATION	436,354	15%	484,068	16%	920,422	16%	1,017,336	17%
RESEARCH INVESTMENT FUND	90,805	3%	93,106	3%	183,911	3%	117,283	2%
INTELLECTUAL PROPERTY FUND	102,275	3%	62,071	2%	164,346	3%	60,590	1%
CUI FACILITY SECURITY	24,695	1%	-	0%	24,695	0%	-	0%
FINANCE & ADMINISTRATION								
STATE RETURN	260,721	9%	226,523	7%	487,244	8%	202,272	3%
SUBTOTAL: ADMINISTRATIVE UNITS	914,851	31%	865,768	28%	1,780,619	29%	1,397,481	23%
ACADEMIC UNITS								
COLLEGES	\$ 249,345	8%	\$ 276,611	9%	\$ 525,956	9%	\$ 581,335	10%
DEPARTMENTS	311,682	10%	345,763	11%	657,445	10%	726,669	12%
FACULTY	249,345	8%	276,611	9%	525,956	9%	581,336	10%
SUBTOTAL: ACADEMIC UNITS	810,372	26%	898,985	29%	1,709,357	28%	1,889,340	32%
TOTAL IDC DISTRIBUTED TO ODU	\$ 1,725,224	57%	\$ 1,764,753	57%	\$ 3,489,977	57%	\$ 3,286,821	55%

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ALLOCATION TO ACADEMIC UNITS - TRADITIONAL ALLOCATION METHOD
SIX MONTH PERIOD ENDING JUNE 30, 2019**

SCHEDULE 2

College	Department	INDIRECT COST RECOVERY	Percentage of Allocation Base	Based on Faculty IDC Productivity 20%	Based on Department IDC Productivity 25%	Based on College IDC Productivity 20%	Total College Allocation	Office of Research 35%	TOTAL ALLOCATED
				\$ 249,345	\$ 311,682	\$ 249,345	\$ 810,372	\$ 436,354	\$ 1,246,726
College of Arts and Letters									
	English	3,487	0.12%	287	359				
	History	7,738	0.26%	638	797				
	Political Science and Geography	7,652	0.25%	630	788				
	Sociology and Criminal Justice	76,741	2.54%	6,322	7,902				
	Communications & Theatre Arts	-	0.00%	-	-				
	Women's Studies	-	0.00%	-	-				
Total	College of Arts and Letters	\$ 95,619	3.16%	\$ 7,877	\$ 9,846	\$ 7,877	\$ 25,600	\$ 13,784	\$ 39,384
Strome College of Business									
	Information Technology and Decision Sciences	5,348	0.18%	441	551				
	Management	-	0.00%	-	-				
	Marketing	-	0.00%	-	-				
	Economics	2,619	0.09%	216	270				
	School of Public Service	6,494	0.21%	535	669				
Total	Strome College of Business	\$ 14,460	0.48%	\$ 1,191	\$ 1,489	\$ 1,191	\$ 3,872	\$ 2,085	\$ 5,957
Darden College of Education and Professional Studies									
	Dean's Office	-	0.00%	-	-				
	Teaching and Learning	18,776	0.62%	1,547	1,933				
	STEM Education and Professional Studies	12,194	0.40%	1,004	1,255				
	Human Movement Sciences	-	0.00%	-	-				
	Communication Disorders and Special Education	195,765	6.47%	16,127	20,158				
	Educational Foundations and Leadership	13,836	0.46%	1,140	1,425				
	Counseling and Human Services	4,279	0.14%	353	441				
Total	Darden College of Education	\$ 244,850	8.09%	\$ 20,170	\$ 25,213	\$ 20,170	\$ 65,553	\$ 35,298	\$ 100,851
Batten College of Engineering & Technology									
	Dean's Office	150,477	4.97%	12,396	15,495				
	Civil and Environmental Engineering	118,280	3.91%	9,744	12,180				
	Electrical and Computer Engineering	145,747	4.82%	12,006	15,008				
	Mechanical and Aerospace Engineering	104,757	3.46%	8,630	10,787				
	Engineering Technology	51,808	1.71%	4,268	5,335				
	Engineering Management and Systems Engineering	87,685	2.90%	7,223	9,029				
	Department of Computational Modeling and Simulation Engineering	91,508	3.02%	7,538	9,423				
Total	Batten College of Engineering & Technology	\$ 750,261	24.79%	\$ 61,805	\$ 77,256	\$ 61,805	\$ 200,866	\$ 108,158	\$ 309,024

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
ALLOCATION TO ACADEMIC UNITS - TRADITIONAL ALLOCATION METHOD
SIX MONTH PERIOD ENDING JUNE 30, 2019**

SCHEDULE 2

College	Department	INDIRECT COST RECOVERY	Percentage of Allocation Base	Based on Faculty IDC Productivity 20%	Based on Department IDC Productivity 25%	Based on College IDC Productivity 20%	Total College Allocation	Office of Research 35%	TOTAL ALLOCATED
				\$ 249,345	\$ 311,682	\$ 249,345	\$ 810,372	\$ 436,354	\$ 1,246,726
College of Health Sciences									
	Dean's Office	601	0.02%	\$ 50	\$ 63				
	Community and Environmental Health	16,987	0.56%	1,399	1,749				
	Dental Hygiene	140	0.00%	11	14				
	Nursing	15,679	0.52%	1,292	1,615				
	Medical Diagnostic & Translational Sciences	30,750	1.02%	2,533	3,166				
	Physical Therapy and Athletic Training	1,427	0.05%	117	147				
Total	College of Health Sciences	\$ 65,583	2.17%	\$ 5,403	\$ 6,754	\$ 5,403	\$ 17,559	\$ 9,454	\$ 27,013
College of Sciences									
	Dean's Office	13,151	0.43%	1,083	1,354				
	Biological Sciences	243,612	8.05%	20,068	25,085				
	Chemistry and Biochemistry	302,185	9.98%	24,893	31,117				
	Mathematics and Statistics	94,782	3.13%	7,808	9,760				
	Ocean, Earth and Atmospheric Sciences	423,706	14.00%	34,904	43,630				
	Center for Coastal Physical Oceanography	127,281	4.21%	10,485	13,107				
	Psychology	70,557	2.33%	5,812	7,265				
	Physics	368,765	12.18%	30,378	37,973				
	Computer Science	68,698	2.27%	5,659	7,074				
Total	College of Sciences	\$ 1,712,737	56.59%	\$ 141,092	\$ 176,365	\$ 141,092	\$ 458,549	\$ 246,911	\$ 705,460
Other									
	Graduate School	9,384	0.31%	773	966				
	Institute for Innovation & Entrepreneurship	65,246	2.16%	5,375	6,719				
	Virginia Tidewater Consortium	22,454	0.74%	1,850	2,312				
	Other ODU Units	46,247	1.53%	3,810	4,763				
Total	Other	\$ 143,332	4.74%	\$ 11,807	\$ 14,760	\$ 11,807	\$ 38,374	\$ 20,664	\$ 59,038
Grand Total	Total	\$ 3,026,842	100.00%	\$ 249,345	\$ 311,682	\$ 249,345	\$ 810,372	\$ 436,354	\$ 1,246,726

Total Indirect Cost Recoveries	\$ 3,026,842
Less: Post Allocation Adjustment	\$ -
Allocation Base	<u>\$ 3,026,842</u>

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
College of Arts and Letters													
	Dean's Office												
A&L	1010	STRAWN, C.	2018 LITERARY FESTIVAL: DOUBLE LIVES_DOUBLE TROUBLE	200279-010		0.00%	1,999.00	0.00	1,999.00	0.00%	0.00%	-	-
		* Department Total:					1,999.00	-	1,999.00		0.00%	-	-
A&L	English												
A&L	* 1012	ZAREVA, A.	PREPARING TEAMS OF EDUCATORS TO ASSESS AND INSTRUCT ENGLISH LEARNERS	300396-010		8.00%	56,101.44	3,487.22	59,588.65	6.22%	0.12%	287.27	359.09
		* Department Total:					56,101.44	3,487.22	59,588.65		0.12%	287.27	359.09
A&L	History												
A&L	1014	HEIDBRINK, I.	CLIMATE & ENVIRON FACTORS & EFFECTS; ICE TRADE & NATURAL ICE FOR COOLING	600219-010		26.00%	29,762.26	7,738.20	37,500.46	26.00%	0.26%	637.46	796.82
		* Department Total:					29,762.26	7,738.20	37,500.46		0.26%	637.46	796.82
A&L	Political Science Geography												
A&L	1018	ALLEN, T.	MARSH HABITAT MAPPING AND CLASSIFICATION SYNTHESIS FOR FLORIDA PENINSULA	400361-010		26.00%	28,577.83	7,430.24	36,008.07	26.00%	0.25%	612.09	765.11
A&L	* 1018	ALLEN, T.	MARSH HABITAT CLASSIFICATION SYNTHESIS FOR SOUTHERN COASTAL	100682-010		26.00%	852.87	221.75	1,074.62	26.00%	0.01%	18.27	22.83
		* Department Total:					29,430.70	7,651.99	37,082.69		0.25%	630.36	787.94
A&L	Sociology and Criminal Justice												
A&L	1019	DAI, M.	DOJ ASSESSING PROCEDURAL JUSTICE POLICE-CITIZEN ENCOUNTERS	100640-010		55.00%	51,646.02	28,405.31	80,051.33	55.00%	0.94%	2,339.97	2,924.97
A&L	1019	DAI, M.	APPLYING ARTIFICIAL INTELLIGENCE TO PERSON-BASED POLICING PRACTICES	100792-010		55.00%	13,991.22	7,695.17	21,686.39	55.00%	0.25%	633.91	792.39
A&L	* 1019	GAINNEY, R.	SMART SUPERVISION PROJECT	200248-010		26.00%	4,408.49	1,146.21	5,554.71	26.00%	0.04%	94.42	118.03
A&L	* 1019	GAINNEY, R.	BOOST'EM IN THE BACK SEAT	300519-010		0.00%	735.02	0.00	735.02	0.00%	0.00%	-	-
A&L	* 1019	GAINNEY, R.	IMPROVING ACCESS TO BROADBAND FOR RURAL COMMUNITIES THROUGH 5G INVESTMENTS	500372-010		55.00%	545.43	299.98	845.41	55.00%	0.01%	24.71	30.89
A&L	1019	SUMTER, M.	POVERTY REDUCTION PROPOSAL EDUCATION AND YOUTH DEVELOPMENT	200267-010		55.00%	2,892.18	1,590.35	4,482.53	54.99%	0.05%	131.01	163.76
A&L	* 1019	TRIPLETT, R.	SMART SUPERVISION PROJECT	200248-010		26.00%	4,408.49	1,146.21	5,554.71	26.00%	0.04%	94.42	118.03
A&L	1019	YANG, X.	NIH CAUSES & HEALTH CONSEQUENCES OF SYNTHETIC DRUG ABUSE	100581-010		55.00%	217,754.33	36,457.48	254,211.81	16.74%	1.20%	3,003.30	3,754.12
		* Department Total:					296,381.18	76,740.72	373,121.90		2.54%	6,321.74	7,902.19
** College Total							\$ 413,674.58	\$ 95,618.12	\$ 509,292.70		3.16%	\$ 7,876.83	\$ 9,846.04

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55				
College of Business & Public Administration																	
Info Systems/Decision Science																	
BUS	* 2032	HE, W.	NSF COLLABORATIVE RESEARCH: ENHANCING CYBER SECURITY EDUCATION USING POGIL	100621-010		55.00%	2,105.10	1,157.81	3,262.91	55.00%	0.04%	95.38	119.22				
BUS	2032	HE, W.	IPA ASSIGN WU HE	100731-010		0.00%	98,688.16	0.00	98,688.16	0.00%	0.00%	-	-				
BUS	* 2032	LI, L.	INVESTIGATING THE EFFECTIVENESS OF PAIR PROGRAMMING FOR STUDENTS	100673-010		55.00%	4,961.81	1,516.03	6,477.83	30.55%	0.05%	124.89	156.11				
BUS	* 2032	XU, L.	NSF COLLABORATIVE RESEARCH: ENHANCING CYBER SECURITY EDUCATION USING POGIL	100621-010		55.00%	2,105.10	1,157.81	3,262.91	55.00%	0.04%	95.38	119.22				
BUS	* 2032	XU, L.	INVESTIGATING THE EFFECTIVENESS OF PAIR PROGRAMMING FOR STUDENTS	100673-010		55.00%	4,961.81	1,516.03	6,477.83	30.55%	0.05%	124.89	156.11				
	* Department Total:							112,821.97	5,347.68	118,169.65		0.18%	440.54	550.66			
Economics																	
BUS	* 2038	AGARWAL, V.	IMPROVING ACCESS TO BROADBAND FOR RURAL COMMUNITIES THROUGH 5G INVESTMENTS	500372-010		55.00%	272.71	149.99	422.71	55.00%	0.00%	12.36	15.45				
BUS	* 2038	BLAKE-GONZALEZ, B.	IMPROVING ACCESS TO BROADBAND FOR RURAL COMMUNITIES THROUGH 5G INVESTMENTS	500372-010		55.00%	136.36	75.00	211.35	55.00%	0.00%	6.18	7.72				
BUS	2038	MCNAB, R.	ANALYTIC & STRATEGIC SUPPORT INTERNATIONAL TRADE PLAN FOR COMMONWEALTH OF VA	300520-010		10.00%	16,436.41	1,643.65	18,080.06	10.00%	0.05%	135.40	169.25				
BUS	* 2038	MCNAB, R.	IMPROVING ACCESS TO BROADBAND FOR RURAL COMMUNITIES THROUGH 5G INVESTMENTS	500372-010		55.00%	1,363.57	749.96	2,113.53	55.00%	0.02%	61.78	77.23				
	* Department Total:							18,209.04	2,618.60	20,827.64		0.09%	215.72	269.65			
School of Public Service																	
BUS	* 2040	NICULA, J.	ASERT COMMUNITY ENGAGEMENT IN VIRGINIA BEACH	200246-020		26.00%	4,704.69	1,223.22	5,927.91	26.00%	0.04%	100.77	125.96				
BUS	* 2040	YUSUF, J.	COASTAL SEES COLL RES: SUSTAINABILITY CHESAPEAKE BAY SHORESCAPES	100625-010		55.00%	1,948.07	1,071.44	3,019.51	55.00%	0.04%	88.26	110.33				
BUS	* 2040	YUSUF, J.	ASERT COMMUNITY ENGAGEMENT IN VIRGINIA BEACH	200246-020		26.00%	4,704.69	1,223.22	5,927.91	26.00%	0.04%	100.77	125.96				
BUS	* 2040	YUSUF, J.	MEASURE COMMUNITY STRESS-SUPPORT DISASTER RESILIENCE	300366-010		55.00%	5,411.29	2,976.21	8,387.50	55.00%	0.10%	245.17	306.47				
BUS	* 2040	YUSUF, J.	VIRGINIA SEA GRANT CLIMATE ADAPTATION AND RESILIENCE PROGRAM	300471-010		0.00%	2,902.04	0.00	2,902.04	0.00%	0.00%	-	-				
BUS	* 2040	YUSUF, J.	HURRICANE FLORENCE SURVEY	300492-010		0.00%	4,440.74	0.00	4,440.74	0.00%	0.00%	-	-				
	* Department Total:							24,111.51	6,494.09	30,605.60		0.21%	534.97	668.72			
** College Total							\$	155,142.52	\$	14,460.36	\$	169,602.89	0.48%	\$	1,191.23	\$	1,489.03

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
Darden College of Education and Professional Studies													
Dean's Office													
EDU	* 3040	BARBER, M.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 4 FY2019	300360-040		0.00%	4,322.12	0.00	4,322.12	0.00%	0.00%	-	-
EDU	3040	BRAY, J.	PROGRAM INCOME: ODU/DOE TEACHER RESIDENCY PARTNERSHIP	300360-810		0.00%	13,629.41	0.00	13,629.41	0.00%	0.00%	-	-
EDU	* 3040	BRAY, J.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 3 FY2018	300360-030		0.00%	7,277.15	0.00	7,277.15	0.00%	0.00%	-	-
EDU	* 3040	BRAY, J.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 4 FY2019	300360-040		0.00%	2,161.06	0.00	2,161.06	0.00%	0.00%	-	-
EDU	* 3040	BRAY, J.	NORFOLK TEACHER IN RESIDENCE PROGRAM - NORFOLK PUBLIC SCHOOLS FUNDING	300478-010		0.00%	25,556.21	0.00	25,556.21	0.00%	0.00%	-	-
EDU	3040	DICE, T.	TRAUMA INFORMED/COMPASSIONATE SCHOOL PILOT PROJECT	400389-010		0.00%	10,000.27	0.00	10,000.27	0.00%	0.00%	-	-
EDU	* 3040	DICKINSON, G.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 3 FY2018	300360-030		0.00%	18,192.88	0.00	18,192.88	0.00%	0.00%	-	-
EDU	* 3040	DICKINSON, G.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 4 FY2019	300360-040		0.00%	4,322.12	0.00	4,322.12	0.00%	0.00%	-	-
EDU	* 3040	DICKINSON, G.	NORFOLK TEACHER IN RESIDENCE PROGRAM - NORFOLK PUBLIC SCHOOLS FUNDING	300478-010		0.00%	24,804.56	0.00	24,804.56	0.00%	0.00%	-	-
EDU	* 3040	SHAEFFER, M.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 3 FY2018	300360-030		0.00%	36,385.75	0.00	36,385.75	0.00%	0.00%	-	-
EDU	* 3040	SHAEFFER, M.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 4 FY2019	300360-040		0.00%	32,415.87	0.00	32,415.87	0.00%	0.00%	-	-
EDU	* 3040	SHAEFFER, M.	NORFOLK TEACHER IN RESIDENCE PROGRAM - NORFOLK PUBLIC SCHOOLS FUNDING	300478-010		0.00%	24,804.56	0.00	24,804.56	0.00%	0.00%	-	-
EDU	* 3040	UNDERWOOD, J.	ODU/DOE TEACHER RESIDENCY PARTNERSHIP YEAR 3 FY2018	300360-030		0.00%	10,915.73	0.00	10,915.73	0.00%	0.00%	-	-
* Department Total:							214,787.66	-	214,787.66	-	-	-	-
Teaching and Learning													
EDU	* 3041	COLWELL, J.	PREPPING K-5 TEACHERS TO INTEGRATE THE COMPUTER SCIENCE STANDARDS OF LEARNING	300488-010		26.00%	15,269.42	3,970.05	19,239.47	26.00%	0.13%	327.04	408.81
EDU	* 3041	CROMPTON, H.	NSF GOOGLE EARTH FOR EDUCATION	100252-010		53.00%	3,284.47	1,537.71	4,822.18	46.82%	0.05%	126.67	158.34
EDU	* 3041	CROMPTON, H.	VR ENABLED LEARNING SYSTEM	300518-010		4.00%	10,371.92	414.88	10,786.80	4.00%	0.01%	34.18	42.72
EDU	* 3041	ENDERSON, M.	NOYCE STEM TEACHER ACTIVE RECRUITMENT (ON STAR)	100802-010		55.00%	3,728.23	2,050.53	5,778.76	55.00%	0.07%	168.92	211.15
EDU	* 3041	GRANT, M.	NOYCE STEM TEACHER ACTIVE RECRUITMENT (ON STAR)	100802-010		55.00%	3,728.23	2,050.53	5,778.76	55.00%	0.07%	168.92	211.15
EDU	* 3041	GUTIERREZ, K.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	4,983.25	2,740.79	7,724.04	55.00%	0.09%	225.78	282.23
EDU	* 3041	GUTIERREZ, K.	PREPPING K-5 TEACHERS TO INTEGRATE THE COMPUTER SCIENCE STANDARDS OF LEARNING	300488-010		26.00%	6,544.04	1,701.45	8,245.49	26.00%	0.06%	140.16	175.20
EDU	* 3041	KIDD, J.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	6,644.34	3,654.39	10,298.72	55.00%	0.12%	301.04	376.30
EDU	* 3041	LEE, G.	THE NEA BIG READ HAMPTON ROADS	400370-010		26.00%	2,520.52	655.34	3,175.86	26.00%	0.02%	53.99	67.48
EDU	3041	SUH, Y.	THE LOCAL AND THE GLOBAL: SCHOOL DESEGREGATION IN THE CONTEXT OF US HISTORY	300453-010		0.00%	1,234.14	0.00	1,234.14	0.00%	0.00%	-	-
* Department Total:							58,308.56	18,775.65	77,084.21	0.62%	1,546.70	1,933.38	
STEM Education and Professional Studies													
EDU	* 3042	ARCAUTE, K.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
EDU	* 3042	ARCAUTE, K.	EAGER: Understanding the Impact of Making on Veterans in Pursuing STEM Degrees	100702-010		55.00%	1,545.86	850.22	2,396.08	55.00%	0.03%	70.04	87.55
EDU	3042	DISCALA, J.	STRENGTHENING SCHOOL LIBRARIES BY EXPANDING THE LILEAD PROJECT	300395-010		55.00%	4,217.56	2,319.66	6,537.22	55.00%	0.08%	191.09	238.86
EDU	* 3042	TOMOVIC, C.	ODU BUILDING LEADERS FOR ADVANCING SCIENCE AND TECHNOLOGY 2019	300030-014		0.00%	625.47	0.00	625.47	0.00%	0.00%	-	-
* Department Total:							22,795.54	12,193.54	34,989.08	0.40%	1,004.48	1,255.60	

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55	
		Communication Disorders and Special Education												
EDU	* 3045	BOBZIEN, J.	CSEEP STATE FUNDS: TRAINEESHIPS FOR THE ED OF SP ED PERSONNEL REGIONS 1-8	300346-040		0.00%	14,079.19	0.00	14,079.19	0.00%	0.00%	-	-	
EDU	* 3045	BOBZIEN, J.	PROFESSIONAL EDUCATOR PREPARATION IN SPECIAL EDUCATION FOR CHILDREN	100559-010		8.00%	33,855.86	555.25	34,411.12	1.64%	0.02%	45.74	57.18	
EDU	* 3045	BOBZIEN, J.	VA CONS FOR TEACHER PREP IN SPEC ED ADAPTED CURRI: SUPP STDNTS W DISAB & AUTISM	300506-010		8.00%	4,431.76	136.96	4,568.72	3.09%	0.00%	11.28	14.10	
EDU		GABLE, R.	PRESCHOOL- SPECIAL ED TRAINING AND TECH ASSIST CENTER REGIONS 2 & 3 (2017-2019)	300449-010		8.00%	55,287.79	4,423.02	59,710.81	8.00%	0.15%	364.36	455.45	
EDU	* 3045	GABLE, R.	CSEEP STATE FUNDS: TRAINEESHIPS FOR THE ED OF SP ED PERSONNEL REGIONS 1-8	300346-040		0.00%	14,079.19	0.00	14,079.19	0.00%	0.00%	-	-	
EDU	* 3045	GABLE, R.	SCHOOL CLIMATE TRANSFORMATION GRANT SCTG EVALUATION YEAR 5	300356-040		8.00%	12,125.44	970.04	13,095.47	8.00%	0.03%	79.91	99.89	
EDU	* 3045	GABLE, R.	SPECIAL EDUCATION TRAINING AND TECHNICAL ASSISTANCE CENTER REGIONS 2&3 2016-2018	300405-010		8.00%	0.00	(0.74)	(0.74)	--	0.00%	(0.06)	(0.08)	
EDU	* 3045	GABLE, R.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (17-19TTAC)	300456-010		8.00%	70,480.87	4,972.87	75,453.73	7.06%	0.16%	409.65	512.07	
EDU	* 3045	GABLE, R.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (17-19 PBIS)	300456-020		8.00%	47,732.74	3,440.45	51,173.18	7.21%	0.11%	283.42	354.27	
EDU	* 3045	GABLE, R.	VIRGINIA STATE PERSONNEL DEVELOPMENT GRANT 3	300480-010		8.00%	106,020.04	7,796.15	113,816.19	7.35%	0.26%	642.23	802.79	
EDU	* 3045	GABLE, R.	PRESCHOOL-SPECIAL ED TRAINING AND TECH ASSIST CENTER REGIONS 2 & 3 (2018-2020)	300496-010		8.00%	62,375.14	4,990.02	67,365.16	8.00%	0.16%	411.07	513.83	
EDU	* 3045	GABLE, R.	CSEEP FEDERAL FUNDS: TRAINEESHIP FOR EDUCATION OF SPECIAL EDUCATION PERSONNEL	300499-010		8.00%	15,018.09	1,201.45	16,219.54	8.00%	0.04%	98.97	123.72	
EDU	* 3045	GABLE, R.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (18-20TTAC)	300500-010		8.00%	151,358.67	12,108.70	163,467.37	8.00%	0.40%	997.49	1,246.86	
EDU	* 3045	GABLE, R.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (18-20 PBIS)	300500-020		8.00%	116,488.49	9,319.08	125,807.57	8.00%	0.31%	767.69	959.61	
EDU	* 3045	GABLE, R.	VIRGINIA CONSORTIUM FOR TEACHER PREPERATION IN VISUAL IMPAIRMENTS	300501-010		8.00%	4,317.25	270.46	4,587.72	6.26%	0.01%	22.28	27.85	
EDU	* 3045	GABLE, R.	TECHNICAL ASSISTANCE CENTER ON POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS V	300505-010		26.00%	61,021.97	15,865.72	76,887.69	26.00%	0.52%	1,306.99	1,633.73	
EDU	* 3045	GABLE, R.	POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS VERMONT	400383-010		26.00%	3,185.94	828.35	4,014.29	26.00%	0.03%	68.24	85.30	
EDU	* 3045	GEAR, S.	PROFESSIONAL EDUCATOR PREPARATION IN SPECIAL EDUCATION FOR CHILDREN	100559-010		8.00%	34,881.80	572.08	35,453.88	1.64%	0.02%	47.13	58.91	
EDU	* 3045	GEAR, S.	PROF DEVELOPMENT PRESCHOOL CHILDREN WITH DISABILITIES	100601-010		26.00%	49,721.55	10,435.78	60,157.33	20.99%	0.34%	859.68	1,074.60	
EDU	* 3045	HESTER, P.	PROFESSIONAL EDUCATOR PREPARATION IN SPECIAL EDUCATION FOR CHILDREN	100559-010		8.00%	33,855.86	555.25	34,411.12	1.64%	0.02%	45.74	57.18	
EDU	* 3045	HESTER, P.	PROF DEVELOPMENT PRESCHOOL CHILDREN WITH DISABILITIES	100601-010		26.00%	99,443.09	20,871.56	120,314.65	20.99%	0.69%	1,719.36	2,149.20	
EDU	* 3045	JUDGE, S.	PREPARING TEAMS OF EDUCATORS TO ASSESS AND INSTRUCT ENGLISH LEARNERS	300396-010		8.00%	56,101.44	3,487.22	59,588.65	6.22%	0.12%	287.27	359.09	
EDU	* 3045	MAYDOSZ, A.	CSEEP STATE FUNDS: TRAINEESHIPS FOR THE ED OF SP ED PERSONNEL REGIONS 1-8	300346-040		0.00%	21,118.79	0.00	21,118.79	0.00%	0.00%	-	-	
EDU	* 3045	MAYDOSZ, A.	SCHOOL CLIMATE TRANSFORMATION GRANT SCTG EVALUATION YEAR 5	300356-040		8.00%	12,125.44	970.04	13,095.47	8.00%	0.03%	79.91	99.89	
EDU	* 3045	MAYDOSZ, A.	CSEEP FEDERAL FUNDS: TRAINEESHIP FOR EDUCATION OF SPECIAL EDUCATION PERSONNEL	300499-010		8.00%	15,018.09	1,201.45	16,219.54	8.00%	0.04%	98.97	123.72	
EDU	* 3045	MAYDOSZ, A.	VIRGINIA CONSORTIUM FOR TEACHER PREPERATION IN VISUAL IMPAIRMENTS	300501-010		8.00%	4,317.25	270.46	4,587.72	6.26%	0.01%	22.28	27.85	
EDU	* 3045	MAYDOSZ, A.	TECHNICAL ASSISTANCE CENTER ON POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS V	300505-010		26.00%	61,021.97	15,865.72	76,887.69	26.00%	0.52%	1,306.99	1,633.73	
EDU	* 3045	MAYDOSZ, A.	VA CONS FOR TEACHER PREP IN SPEC ED ADAPTED CURRI: SUPP STDNTS W DISAB & AUTISM	300506-010		8.00%	4,431.76	136.96	4,568.72	3.09%	0.00%	11.28	14.10	
EDU	* 3045	MAYDOSZ, A.	POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS VERMONT	400383-010		26.00%	3,185.94	828.35	4,014.29	26.00%	0.03%	68.24	85.30	
EDU	* 3045	TONELSON, S.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (17-19TTAC)	300456-010		8.00%	70,480.87	4,972.87	75,453.73	7.06%	0.16%	409.65	512.07	
EDU	* 3045	TONELSON, S.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (17-19 PBIS)	300456-020		8.00%	47,732.74	3,440.45	51,173.18	7.21%	0.11%	283.42	354.27	
EDU		TONELSON, S.	HIGH QUALITY PROFESSIONAL LEARNING DESIGNED TO ENHANCE CAPACITY OF SIM	300497-010		8.00%	5,475.02	417.85	5,892.87	7.63%	0.01%	34.42	43.03	
EDU		TONELSON, S.	ODU CONFERENCE PLANNING	300516-010		8.00%	58,108.53	4,440.63	62,549.16	7.64%	0.15%	365.81	457.26	
EDU		TONELSON, S.	ADVANCED TIERS PROGRAM 2019	300523-010		8.00%	8,615.90	689.27	9,305.17	8.00%	0.02%	56.78	70.98	
EDU	* 3045	TONELSON, S.	CSEEP STATE FUNDS: TRAINEESHIPS FOR THE ED OF SP ED PERSONNEL REGIONS 1-8	300346-040		0.00%	21,118.79	0.00	21,118.79	0.00%	0.00%	-	-	
EDU	* 3045	TONELSON, S.	SCHOOL CLIMATE TRANSFORMATION GRANT SCTG EVALUATION YEAR 5	300356-040		8.00%	19,400.70	1,552.06	20,952.76	8.00%	0.05%	127.86	159.82	
EDU	* 3045	TONELSON, S.	SPECIAL EDUCATION TRAINING AND TECHNICAL ASSISTANCE CENTER REGIONS 2&3 2016-2018	300405-010		8.00%	0.00	(0.74)	(0.74)	--	0.00%	(0.06)	(0.08)	
EDU	* 3045	TONELSON, S.	VIRGINIA STATE PERSONNEL DEVELOPMENT GRANT 3	300480-010		8.00%	106,020.04	7,796.15	113,816.19	7.35%	0.26%	642.23	802.79	
EDU	* 3045	TONELSON, S.	PRESCHOOL-SPECIAL ED TRAINING AND TECH ASSIST CENTER REGIONS 2 & 3 (2018-2020)	300496-010		8.00%	62,375.14	4,990.02	67,365.16	8.00%	0.16%	411.07	513.83	
EDU	* 3045	TONELSON, S.	CSEEP FEDERAL FUNDS: TRAINEESHIP FOR EDUCATION OF SPECIAL EDUCATION PERSONNEL	300499-010		8.00%	15,473.19	1,237.86	16,711.04	8.00%	0.04%	101.97	127.47	
EDU	* 3045	TONELSON, S.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (18-20TTAC)	300500-010		8.00%	151,358.67	12,108.70	163,467.37	8.00%	0.40%	997.49	1,246.86	
EDU	* 3045	TONELSON, S.	SPECIAL ED TRAINING AND TECHNICAL ASSISTANCE CENTER FOR REGIONS 2&3 (18-20 PBIS)	300500-020		8.00%	116,488.49	9,319.08	125,807.57	8.00%	0.31%	767.69	959.61	
EDU	* 3045	TONELSON, S.	VIRGINIA CONSORTIUM FOR TEACHER PREPERATION IN VISUAL IMPAIRMENTS	300501-010		8.00%	4,448.08	278.66	4,726.74	6.26%	0.01%	22.96	28.69	
EDU	* 3045	TONELSON, S.	TECHNICAL ASSISTANCE CENTER ON POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS V	300505-010		26.00%	62,871.12	16,346.50	79,217.62	26.00%	0.54%	1,346.59	1,683.24	
EDU	* 3045	TONELSON, S.	VA CONS FOR TEACHER PREP IN SPEC ED ADAPTED CURRI: SUPP STDNTS W DISAB & AUTISM	300506-010		8.00%	4,566.05	141.11	4,707.16	3.09%	0.00%	11.62	14.53	
EDU	* 3045	TONELSON, S.	POSITIVE BEHAVIORAL INTERVENTIONS AND SUPPORTS VERMONT	400383-010		26.00%	3,282.48	853.45	4,135.93	26.00%	0.03%	70.31	87.88	
EDU	* 3045	WATSON, S.	INVESTIGATING THE EFFECTIVENESS OF PAIR PROGRAMMING FOR STUDENTS	100673-010		55.00%	4,961.81	1,516.03	6,477.83	30.55%	0.05%	124.89	156.11	
EDU	* 3045	WATSON, S.	PREPARING TEAMS OF EDUCATORS TO ASSESS AND INSTRUCT ENGLISH LEARNERS	300396-010		8.00%	57,801.48	3,592.89	61,394.37	6.22%	0.12%	295.98	369.97	
		* Department Total:						1,987,660.48	195,765.45	2,183,425.93		6.47%	16,126.79	20,158.47

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55					
	Educational Foundations and Leadership																	
EDU	* 3046	DICKMAN, R.	BEYOND TEST SCORES: A THREE-PART STUDY OF MASSACHUSETTS SCHOOL DATA AND DATA-USE	300509-010		0.00%	999.99	0.00	999.99	0.00%	0.00%	-	-					
EDU	3046	PEREZ, A.	UG ENRICH TO SUPPORT BIOMED CAREERS: INVESTIGATION UNDERLYING PSYCHOL MECHANISMS	300402-010		55.00%	29,724.79	12,319.88	42,044.67	41.45%	0.41%	1,014.89	1,268.61					
EDU	* 3046	PRIBESH, S.	INVESTIGATING THE EFFECTIVENESS OF PAIR PROGRAMMING FOR STUDENTS	100673-010		55.00%	4,961.81	1,516.03	6,477.83	30.55%	0.05%	124.89	156.11					
EDU	* 3046	SANZO, K.	KNOWLEDGE THROUGH EXPERIENCE FOR YOUTH IN SCIENCE	200188-040		8.00%	(156.83)	(0.16)	(156.98)	0.10%	0.00%	(0.01)	(0.02)					
EDU	3046	WHITE, R.	SCHOOL DISTRICT LEADERS' PERCEPTIONS OF AND ENGAGEMENT IN STATE ED POLICYMAKING	400401-010		0.00%	7,384.38	0.00	7,384.38	0.00%	0.00%	-	-					
	* Department Total:							42,914.14	13,835.75	56,749.89		0.46%	1,139.77	1,424.70				
	Counseling and Human Services																	
EDU	* 3047	KEMER, G.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	23,612.88	649.97	24,262.85	2.75%	0.02%	53.54	66.93					
EDU	* 3047	MOE, J.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	40,479.23	1,114.23	41,593.46	2.75%	0.04%	91.79	114.73					
EDU	3047	REHFUSS, M.	EVMS TRANSFORMATIVE EDUCATION ADVANCING COMMUNITY HEALTH	300349-010		8.00%	19,167.44	1,144.37	20,311.81	5.97%	0.04%	94.27	117.84					
EDU	* 3047	REHFUSS, M.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	42,165.87	1,160.66	43,326.52	2.75%	0.04%	95.61	119.52					
EDU	* 3047	REHFUSS, M.	EVMS TRANSFORMATIVE EDUC ADV DENTAL HYGIENE	300349-011		8.00%	2,627.19	210.17	2,837.36	8.00%	0.01%	17.31	21.64					
	* Department Total:							128,052.61	4,279.39	132,332.00		0.14%	352.52	440.66				
** College Total							\$	2,454,518.99	\$	244,849.79	\$	2,699,368.78		8.09%	\$	20,170.26	\$	25,212.81

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
College of Engineering And Technology													
Dean's Office													
ENG	4051	ADAMS, S.	ACADEMIC CAREER ENHANCEMENT FOR UNDERREPRESENTED FACULTY IN ENGINEERING	100638-010		55.00%	4,548.82	2,501.84	7,050.66	55.00%	0.08%	206.10	257.62
ENG	4051	ADAMS, S.	DISSERTATION INSTITUTE	100644-010		55.00%	145,802.05	10,844.25	156,646.30	7.44%	0.36%	893.33	1,116.66
ENG	4051	ADAMS, S.	PLANNING GRANT TO SUPPORT MENTORING AFRICAN AMERICAN WOMEN IN ENGINEERING	100734-010		26.00%	14,252.95	1,495.77	15,748.72	10.49%	0.05%	123.22	154.02
ENG	4051	ADAMS, S.	VA-NC LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION 2017 - 2022	300447-010		32.00%	7,736.95	2,564.50	10,301.45	33.15%	0.08%	211.26	264.07
ENG	* 4051	DEAN, A.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	32,813.30	18,047.32	50,860.62	55.00%	0.60%	1,486.70	1,858.38
ENG	* 4051	DEAN, A.	EAGER: Understanding the Impact of Making on Veterans in Pursuing STEM Degrees	100702-010		55.00%	1,545.86	850.22	2,396.08	55.00%	0.03%	70.04	87.55
ENG	* 4051	DEAN, A.	PATHWAY TO COMPLETION FOR PURSUING ENGINEERING DEGREES	100708-010		55.00%	28,576.58	5,817.12	34,393.70	20.36%	0.19%	479.20	599.00
ENG	* 4051	DEAN, A.	RAPID SOLUTIONS LEARNING PROJ PROGRAM	100720-010		55.00%	85,108.72	44,986.54	130,095.26	52.86%	1.49%	3,705.90	4,632.38
ENG	* 4051	DEAN, A.	AUGMENTED REALITY SYSTEM FOR MARINE CORPS WEAPON AND EQUIP MAIN AND OPER	100720-012		0.00%	14,535.84	0.00	14,535.84	0.00%	0.00%	-	-
ENG	* 4051	DEAN, A.	VTOL UAS LOGISTICS IN DENIED GPS AND RADIO TRANSMISSION APP	100720-013		0.00%	17,990.80	0.00	17,990.80	0.00%	0.00%	-	-
ENG	* 4051	DEAN, A.	DESIGN AN EMBEDDED PORTABLE PLATFORM OF LIDAR AND PERIPHERALS FOR UAS	100720-014		0.00%	14,100.75	0.00	14,100.75	0.00%	0.00%	-	-
ENG	* 4051	DEAN, A.	SECURE DISTRIBUTED DIGITAL MANUFACTURING	100791-010		65.00%	23,766.90	14,891.51	38,658.41	62.66%	0.49%	1,226.73	1,533.42
ENG	* 4051	DEAN, A.	PROGRAM MANAGEMENT SUPPORT	500343-010		55.00%	(0.28)	0.00	(0.28)	0.00%	0.00%	-	-
ENG	* 4051	LANDAETA, R.	PATHWAY TO COMPLETION FOR PURSUING ENGINEERING DEGREES	100708-010		55.00%	14,288.29	2,908.56	17,196.85	20.36%	0.10%	239.60	299.50
ENG	* 4051	LANDAETA, R.	RAPID SOLUTIONS LEARNING PROJ PROGRAM	100720-010		55.00%	81,771.12	43,222.36	124,993.48	52.86%	1.43%	3,560.57	4,450.72
ENG	* 4051	LANDAETA, R.	AUGMENTED REALITY SYSTEM FOR MARINE CORPS WEAPON AND EQUIP MAIN AND OPER	100720-012		0.00%	13,965.80	0.00	13,965.80	0.00%	0.00%	-	-
ENG	* 4051	LANDAETA, R.	VTOL UAS LOGISTICS IN DENIED GPS AND RADIO TRANSMISSION APP	100720-013		0.00%	17,285.27	0.00	17,285.27	0.00%	0.00%	-	-
ENG	* 4051	LANDAETA, R.	DESIGN AN EMBEDDED PORTABLE PLATFORM OF LIDAR AND PERIPHERALS FOR UAS	100720-014		0.00%	13,547.78	0.00	13,547.78	0.00%	0.00%	-	-
ENG	* 4051	STUART, B.	DESIGN, DEVELOPMENT, DEMONSTRATION PILOT-SCALE MOBILE FLASH HYDROLYZER FOR ALGAE	100630-010		55.00%	2,069.53	1,138.24	3,207.77	55.00%	0.04%	93.77	117.21
ENG	* 4051	STUART, B.	PILOT-SCALE BIOMEDICAL AND HYDROTHERMAL IBR FOR PRODUCTION OF FUELS	300485-010		55.00%	2,197.33	1,208.53	3,405.86	55.00%	0.04%	99.56	124.45
* Department Total:							535,904.36	150,476.77	686,381.12		4.97%	12,395.98	15,494.98
Civil and Environmental Engineering													
ENG	* 4053	CETIN, M.	UVA MATS REGION 3 SUPPLEMENTAL AWARD	300305-013		53.00%	12,378.96	6,560.85	18,939.81	53.00%	0.22%	540.47	675.59
ENG	4053	CETIN, M.	LEVERAGING CONNECTED VEHICLES ENHANCE TRAFFIC RESPONSIVE TRAFFIC SIGNAL CONTROL	300305-014		53.00%	3,661.40	1,940.56	5,601.96	53.00%	0.06%	159.86	199.82
ENG	4053	CETIN, M.	REALTIME SYST STATE PREDICTION OPTIMAL REBALANCING STRAT FOR PUBLIC BIKE SHARING	300305-015		53.00%	1,147.65	608.25	1,755.90	53.00%	0.02%	50.11	62.63
ENG	4053	CETIN, M.	WOULD YOU CONSIDER A GREEN VEHICLE ANTICIPATING ELECTRIC VEHICLE ADOPTION	300305-016		55.00%	7,031.53	3,867.34	10,898.87	55.00%	0.13%	318.58	398.23
ENG	4053	CETIN, M.	ESTIMATING COMMODITY FLOWS ON HIGHWAYS WITH EXISTING & EMERGING TECHNOLOGIES	300305-018		55.00%	22,264.27	12,245.34	34,509.61	55.00%	0.40%	1,008.75	1,260.93
ENG	* 4053	CETIN, M.	STREETLIGHT DATA FOR PLANNING TASK	200284-010		26.00%	8,434.43	2,192.95	10,627.37	26.00%	0.07%	180.65	225.81
ENG	* 4053	CETIN, M.	INTEGRATED DYNAMIC MODELING APPROACH-FLOODING OF COASTAL TRANSP INFRASTRUCTURE	300305-017		55.00%	164.99	90.74	255.73	55.00%	0.00%	7.48	9.34
ENG	* 4053	CETIN, M.	ESTIMATING ROAD INUNDATION LEVELS DUE TO RECURRENT FLOODING FROM IMAGE DATA	300305-019		55.00%	6,469.12	3,558.02	10,027.13	55.00%	0.12%	293.10	366.38
ENG	* 4053	CETIN, M.	CORRIDOR BASED TOLLING STRATEGIES	300511-010		26.00%	3,525.03	916.51	4,441.54	26.00%	0.03%	75.50	94.38
ENG	* 4053	CETIN, M.	EFFECTIVENESS OF TMC AI APPLICATIONS	500382-010		55.00%	2,945.62	1,620.09	4,565.71	55.00%	0.05%	133.46	166.82
ENG	4053	CHAE, Y.	EXPERIM STUDY ON SEISMIC RESPONSE OF SHEAR-WALLED NUCLEAR POWER PLANT STRUCTURES	600221-010		55.00%	10,581.08	5,819.59	16,400.67	55.00%	0.19%	479.41	599.26
ENG	* 4053	ERTEN-UNAL, M.	ODU BUILDING LEADERS FOR ADVANCING SCIENCE AND TECHNOLOGY 2019	300030-014		0.00%	1,250.95	0.00	1,250.95	0.00%	0.00%	-	-
ENG	* 4053	ERTEN-UNAL, M.	CHARTING A PATH TO TRANS-DISCIPLINARY COLLABORATIVE DESIGN	300494-010		55.00%	10,753.35	5,914.35	16,667.70	55.00%	0.20%	487.21	609.02
ENG	4053	KUMAR, S.	NSF CAREER NUTRIENT RECOV AMD2	100250-010		53.00%	31,429.80	16,657.79	48,087.59	53.00%	0.55%	1,372.24	1,715.30
ENG	4053	KUMAR, S.	INTERN NSF CAREER NUTRIENT RECOV	100250-011		55.00%	396.46	218.05	614.51	55.00%	0.01%	17.96	22.45
ENG	4053	KUMAR, S.	REU/NSF CAREER MACRO RECOVERY	100250-020		0.00%	4,303.03	0.00	4,303.03	0.00%	0.00%	-	-
ENG	4053	KUMAR, S.	SANDIA FLASH HYDROLYSIS OF ALGAE BIOMASS	100574-010		0.00%	6,588.74	0.00	6,588.74	0.00%	0.00%	-	-
ENG	4053	KUMAR, S.	DESIGN, DEVELOPMENT, DEMONSTRATION PILOT-SCALE MOBILE FLASH HYDROLYZER FOR ALGAE	100630-011		55.00%	16,987.42	7,793.18	24,780.60	45.88%	0.26%	641.99	802.48
ENG	4053	KUMAR, S.	REU SUPPLEMENT: PILOT SCALE MOBILE FLASH HYROLYZER FOR ALGAE PROCESSING	100630-020		0.00%	1,140.00	0.00	1,140.00	0.00%	0.00%	-	-
ENG	4053	KUMAR, S.	LOW-COST HOUSEHOLD BIOCHAR WATER FILTER FOR LEAD REMOVAL	100696-010		55.00%	747.27	411.00	1,158.27	55.00%	0.01%	33.86	42.32
ENG	4053	KUMAR, S.	FLASH HYDROLYSIS OF ZIVO'S PROPRIETARY ALGAE FEEDSTOCK FOR FRACTIONATING	500402-010		55.00%	9,395.77	5,167.68	14,563.45	55.00%	0.17%	425.70	532.13
ENG	* 4053	KUMAR, S.	REU SITE TRAINING UNDERGRAD IN ELECTRO TECHNOLOGIES CLEAN FUELS	100593-010		55.00%	20,896.10	1,483.92	22,380.02	7.10%	0.05%	122.24	152.80
ENG	* 4053	KUMAR, S.	DESIGN, DEVELOPMENT, DEMONSTRATION PILOT-SCALE MOBILE FLASH HYDROLYZER FOR ALGAE	100630-010		55.00%	4,139.06	2,276.48	6,415.55	55.00%	0.08%	187.53	234.42
ENG	* 4053	KUMAR, S.	PILOT-SCALE BIOMEDICAL AND HYDROTHERMAL IBR FOR PRODUCTION OF FUELS	300485-010		55.00%	8,789.30	4,834.12	13,623.42	55.00%	0.16%	398.23	497.78
ENG	4053	MA, G.	CLADAPHORA, MUSSELS AND THE NEARSHORE PHOSPHORUS SHUNT IN LAKE MICHIGAN	300482-010		55.00%	3,891.06	2,140.08	6,031.14	55.00%	0.07%	176.30	220.37
ENG	4053	TAHVILDARI, N.	NATURE-BASED FEATURES FOR COASTAL RESILIENCE QUANTIFYING WAVE DISSIPATION	300435-010		0.00%	14,288.73	0.00	14,288.73	0.00%	0.00%	-	-
ENG	* 4053	TAHVILDARI, N.	INTEGRATED DYNAMIC MODELING APPROACH-FLOODING OF COASTAL TRANSP INFRASTRUCTURE	300305-017		55.00%	584.95	321.72	906.67	55.00%	0.01%	26.50	33.13
ENG	4053	WANG, X.	IRES: WATER-SOIL-VEGETATION DYNAMIC INTERRELATIONSHIPS	100653-010		26.00%	34,952.73	1,090.10	36,042.83	3.12%	0.04%	89.80	112.25
ENG	4053	WANG, X.	NEXT-GEN RAINFALL IDF CURVES FOR THE VIRGINIAN DRAINAGE AREA OF CHESAPEAKE BAY	100699-010		65.00%	47,591.73	26,870.82	74,462.55	56.46%	0.89%	2,213.57	2,766.96
ENG	4053	WANG, X.	CITY OF VA BEACH TECHNICAL SERVICES TO, STORMWATER MONITORING	300448-010		26.00%	10,071.46	2,618.57	12,690.03	26.00%	0.09%	215.71	269.64
ENG	4053	WANG, X.	VA BEACH 3-SITES MONITORING	300486-010		26.00%	4,084.83	1,062.06	5,146.89	26.00%	0.04%	87.49	109.36
* Department Total:							310,886.81	118,280.16	429,166.97		3.91%	9,743.70	12,179.60

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
	Electrical and Computer Engineering												
ENG	* 4054	BELFORE, L.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-001		65.00%	1,239.13	805.31	2,044.44	64.99%	0.03%	66.34	82.92
ENG	* 4054	BELFORE, L.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-002		65.00%	4,955.74	3,221.21	8,176.94	65.00%	0.11%	265.36	331.70
ENG	* 4054	BELFORE, L.	DEVELOP SPECTRUM MONITORING SYSTEM FOR STD AND NON-STD BASED WIRELESS PROTOCOLS	500219-003		65.00%	13,354.50	8,680.50	22,035.00	65.00%	0.29%	715.08	893.85
ENG	* 4054	BELFORE, L.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-004		65.00%	3,338.00	2,169.50	5,507.50	64.99%	0.07%	178.72	223.40
ENG	* 4054	CETIN, M.	UVA LIDAR FOR AIR QUALITY MEASUREMENT	300305-012		53.00%	568.27	301.18	869.46	53.00%	0.01%	24.81	31.01
ENG	* 4054	CHEN, C.	NSF SOLEAP SOLAR ENGINEERING	100256-010		53.00%	5,361.21	149.03	5,510.24	2.78%	0.00%	12.28	15.35
ENG	* 4054	DHALI, S.	NSF SOLEAP SOLAR ENGINEERING	100256-010		53.00%	8,041.82	223.54	8,265.35	2.78%	0.01%	18.41	23.02
ENG	* 4054	DHALI, S.	SMART MANUF & AUTOMATION ADV ROBOTICS SYSTEMS	400376-010		55.00%	2,695.70	1,482.64	4,178.34	55.00%	0.05%	122.14	152.67
ENG	4054	GONZALEZ, O.	COMPLEX SYSTEMS INTEGRATION	400345-010		26.00%	29,713.83	6,837.96	36,551.79	23.01%	0.23%	563.30	704.12
ENG	4054	GRAY, W.	EAGER REAL-TIME: HYBRID CONTROL ARCHITECTURES	100737-010		55.00%	11,813.23	6,497.27	18,310.50	55.00%	0.21%	535.23	669.04
ENG	4054	IFTEKHARUDDIN, K.	QUANTITATIVE IMAGE MODELING FOR BRAIN TUMOR ANALYSIS AND TRACKING	100594-010		55.00%	150,985.70	62,489.87	213,475.57	41.39%	2.06%	5,147.79	6,434.74
ENG	4054	IFTEKHARUDDIN, K.	QUANTITATIVE IMAGE MODELING FOR BRAIN TUMOR ANALYSIS AND TRACKING	100594-020		55.00%	2,891.17	1,590.15	4,481.32	55.00%	0.05%	130.99	163.74
ENG	4054	IFTEKHARUDDIN, K.	INNOVATIVE TECHNOLOGIES	100659-010		55.00%	32,564.92	4,672.12	37,237.04	14.35%	0.15%	384.88	481.10
ENG	4054	IFTEKHARUDDIN, K.	COMPUTATIONAL MODELING OF TRUST FACTORS IN IMAGING DATA USING REINFORCE LEARNING	100720-011		0.00%	40,379.79	0.00	40,379.79	0.00%	0.00%	-	-
ENG	* 4054	IFTEKHARUDDIN, K.	UVA LIDAR FOR AIR QUALITY MEASUREMENT	300305-012		53.00%	852.41	451.78	1,304.18	53.00%	0.01%	37.22	46.52
ENG	* 4054	IFTEKHARUDDIN, K.	ESTIMATING ROAD INUNDATION LEVELS DUE TO RECURRENT FLOODING FROM IMAGE DATA	300305-019		55.00%	5,292.91	2,911.10	8,204.02	55.00%	0.10%	239.81	299.76
ENG	4054	IFTEKHARUDDIN, K.	POROSITY MEASUREMENT SYSTEM	400240-006		26.00%	0.01	0.00	0.01	0.00%	0.00%	-	-
ENG	4054	LI, J.	NOVEL BORDER MONITORING USING MED & HIGH RESOLUTION COMMERCIAL SATELLITE IMAGES	500312-030		55.00%	11,912.65	6,551.96	18,464.61	55.00%	0.22%	539.74	674.67
ENG	* 4054	LI, J.	QUANTIF BLUE CARBON BURIAL IN SEAGRASS ECOSYS & IMPACT PROJECTED CLIMATE CHANGE	100656-010		55.00%	15,311.85	8,421.52	23,733.37	55.00%	0.28%	693.75	867.19
ENG	* 4054	MARSILLAC, S.	NSF SOLEAP SOLAR ENGINEERING	100256-010		53.00%	6,701.51	186.28	6,887.79	2.78%	0.01%	15.35	19.18
ENG	4054	MARSILLAC, S.	GENERALIZABLE MECHANISTIC UNDERSTANDING OF MODULE-LEVEL...CIGS PHOTOVOLTAICS	300428-010		55.00%	27,159.40	12,754.51	39,913.91	46.96%	0.42%	1,050.69	1,313.36
ENG	4054	MARSILLAC, S.	POST-GROWTH RECRYSTALLIZATION BY HALIDES FOR HIGH THROUGHPUT CIGS PHOTOVOLTAICS	300436-010		55.00%	859.80	472.89	1,332.69	55.00%	0.02%	38.96	48.69
ENG	* 4054	POPESCU, D.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-001		65.00%	1,239.13	805.31	2,044.44	64.99%	0.03%	66.34	82.92
ENG	* 4054	POPESCU, D.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-002		65.00%	4,955.74	3,221.21	8,176.94	65.00%	0.11%	265.36	331.70
ENG	* 4054	POPESCU, D.	DEVELOP SPECTRUM MONITORING SYSTEM FOR STD AND NON-STD BASED WIRELESS PROTOCOLS	500219-003		65.00%	13,354.50	8,680.50	22,035.00	65.00%	0.29%	715.08	893.85
ENG	* 4054	POPESCU, D.	ENGINEERING DESIGN SUPPORT FOR THE TACTICAL REMOTE SENSOR SYSTEM	500219-004		65.00%	3,338.00	2,169.50	5,507.50	64.99%	0.07%	178.72	223.40
		* Department Total:					398,880.91	145,746.82	544,627.73		4.82%	12,006.35	15,007.90
	Mechanical and Aerospace Engineering												
ENG	4057	ALBERTS, T.	DRONE TRAINING WORKSHOP	100725-011		26.00%	7,024.13	1,826.28	8,850.41	26.00%	0.06%	150.45	188.06
ENG	* 4057	ASH, R.	UNDERGRAD STUDENT INSTRUMENT PROJECT	100595-010		26.00%	35.84	5.13	40.97	14.31%	0.00%	0.42	0.53
ENG	* 4057	ASH, R.	UNDERGRAD STUDENT INSTRUMENT PROJECT	100595-011		0.00%	3.80	0.00	3.80	0.00%	0.00%	-	-
ENG	4057	BAWAB, S.	INTERGRATED ADAPTIVE WING TECH MATURATION	100628-010		0.00%	8,555.56	0.00	8,555.56	0.00%	0.00%	-	-
ENG	4057	BAWAB, S.	ADVANCED MANUFACTURING METHODS FOR COMPOSITE AIRFRAMES	400271-009		0.00%	6,958.80	0.00	6,958.80	0.00%	0.00%	-	-
ENG	* 4057	BAWAB, S.	EXPLORATION OF ADDITIVE MANUF NAVAL APP EXPED WARFARE	100588-010		65.00%	4,173.37	1,697.13	5,870.49	40.67%	0.06%	139.81	174.76
ENG	* 4057	BAWAB, S.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	* 4057	BAWAB, S.	OPPORTUNITIES IN MANF OF ADV MATERIALS SECOND CAREER SEEKING STUDENTS	100738-010		55.00%	10,977.35	1,909.35	12,886.70	17.39%	0.06%	157.29	196.61
ENG	* 4057	BAWAB, S.	SCOLIOSIS SURGERY PLANNING THROUGH CADAVERIC LIGAMENT-SKELETAL MAPPING	400311-010		0.00%	7,251.24	0.00	7,251.24	0.00%	0.00%	-	-
ENG	4057	BAYSAL, O.	COMPUTATIONAL AEROACOUSTIC DESIGN OPT DISCRETE ADJOINT METHOD	400271-008		55.00%	33,829.65	9,370.66	43,200.31	27.70%	0.31%	771.94	964.92
ENG	4057	BAYSAL, O.	AERODYNAMIC & AEROACOUSTIC PREDICTION	400408-010		0.00%	2,565.38	0.00	2,565.38	0.00%	0.00%	-	-
ENG	* 4057	BILGEN, O.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	4057	BRITCHER, C.	MAGNETIC WIND TUNNEL FOR USE EXTRACTING PITCH DAMPING DATA	400271-005		26.00%	22,223.65	5,317.95	27,541.60	23.93%	0.18%	438.08	547.60
ENG	4057	BRITCHER, C.	DIRECTOR OF GRADUATE PROGRAMS, NATIONAL INSTITUTE OF AEROSPACE	400348-010		26.00%	42,468.38	11,041.76	53,510.14	26.00%	0.36%	909.60	1,137.00
ENG	* 4057	CHATURVEDI, S.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
ENG	4057	GHOSH, D.	ROLE OF DIRECTIONAL POROSITY	100748-010		55.00%	19,371.83	7,729.14	27,100.97	39.90%	0.26%	636.71	795.89
ENG	* 4057	GHOSH, D.	OPPORTUNITIES IN MANF OF ADV MATERIALS SECOND CAREER SEEKING STUDENTS	100738-010		55.00%	18,295.58	3,182.26	21,477.83	17.39%	0.11%	262.15	327.68
ENG	* 4057	HAO, Z.	MONITORING THERAPY FOR CHEST WALL DEFORMITY	400391-010		0.00%	3,327.95	0.00	3,327.95	0.00%	0.00%	-	-
ENG	* 4057	HOU, G.	NSF SOLEAP SOLAR ENGINEERING	100256-010		53.00%	5,361.21	149.03	5,510.24	2.78%	0.00%	12.28	15.35
ENG	* 4057	HOU, G.	EXPLORATION OF ADDITIVE MANUF NAVAL APP EXPED WARFARE	100588-010		65.00%	4,173.37	1,697.13	5,870.49	40.67%	0.06%	139.81	174.76
ENG	* 4057	HOU, G.	OPPORTUNITIES IN MANF OF ADV MATERIALS SECOND CAREER SEEKING STUDENTS	100738-010		55.00%	10,977.35	1,909.35	12,886.70	17.39%	0.06%	157.29	196.61
ENG	* 4057	KAIPA, K.	EAGER: Understanding the Impact of Making on Veterans in Pursuing STEM Degrees	100702-010		55.00%	1,545.86	850.22	2,396.08	55.00%	0.03%	70.04	87.55
ENG	* 4057	KAIPA, K.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	3,322.17	1,827.19	5,149.36	55.00%	0.06%	150.52	188.15
ENG	* 4057	KRAVCHENKO, O.	OPPORTUNITIES IN MANF OF ADV MATERIALS SECOND CAREER SEEKING STUDENTS	100738-010		55.00%	18,295.58	3,182.26	21,477.83	17.39%	0.11%	262.15	327.68
ENG	4057	KRAVCHENKO, O.	FAILURE ANALYSIS BONDED JOINTS AND PROG FAILURE ANALYSIS OF COMPOSITE STRUCTURES	400271-006		26.00%	(670.80)	(174.41)	(845.21)	26.00%	-0.01%	(14.37)	(17.96)
ENG	4057	KRAVCHENKO, O.	COMPUTATIONAL MODELING TO INFORM MANUFACTURING OF ADV HYBRID COMP	400373-010		0.00%	25,449.77	0.00	25,449.77	0.00%	0.00%	-	-
ENG	4057	LANDMAN, D.	WIND TUNNEL BALANCE DESIGN TRADE STUDY	400203-004		55.00%	1,527.97	840.38	2,368.35	55.00%	0.03%	69.23	86.54
ENG	4057	MARUTHAMUTHU, V.	NIH MECHANOREGULATION OF NASCENT	100560-010		53.00%	26,837.50	14,223.87	41,061.37	53.00%	0.47%	1,171.73	1,464.67
ENG	* 4057	RINGLEB, S.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	8,305.42	4,567.98	12,873.40	55.00%	0.15%	376.30	470.38
ENG	* 4057	RINGLEB, S.	SCOLIOSIS SURGERY PLANNING THROUGH CADAVERIC LIGAMENT-SKELETAL MAPPING	400311-010		0.00%	8,366.82	0.00	8,366.82	0.00%	0.00%	-	-
ENG	* 4057	WRIGGERS, W.	NIH NIGMS ELECTRON MICROSCOPY	100532-010		55.00%	9,180.65	5,049.36	14,230.01	55.00%	0.17%	415.96	519.95
ENG	* 4057	ZHANG, X.	REU SITE TRAINING UNDERGRAD IN ELECTRO TECHNOLOGIES CLEAN FUELS	100593-010		55.00%	20,896.10	1,483.92	22,380.02	7.10%	0.05%	122.24	152.80
		* Department Total:					379,851.41	104,756.91	484,608.32		3.46%	8,629.68	10,787.10
Engineering Technology													
ENG	* 4059	AYALA, O.	DESIGN, DEVELOPMENT, DEMONSTRATION PILOT-SCALE MOBILE FLASH HYDROLYZER FOR ALGAE	100630-010		55.00%	689.84	379.41	1,069.26	55.00%	0.01%	31.26	39.07
ENG	* 4059	AYALA, O.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	3,322.17	1,827.19	5,149.36	55.00%	0.06%	150.52	188.15
ENG	4059	AYALA, O.	RIGOROUS STUDY PIPELINE EROSION IN BENDS FOCUSED ON FLUID-PARTICLE INTERACTION	400335-010		0.00%	3,441.91	0.00	3,441.91	0.00%	0.00%	-	-
ENG	* 4059	CHITIKESHI, S.	SMART MANUF & AUTOMATION ADV ROBOTICS SYSTEMS	400376-010		55.00%	6,289.98	3,459.49	9,749.47	55.00%	0.11%	284.99	356.23
ENG	* 4059	CONSIDINE, C.	ASERT COMMUNITY ENGAGEMENT IN VIRGINIA BEACH	200246-020		26.00%	4,704.69	1,223.22	5,927.91	26.00%	0.04%	100.77	125.96
ENG	* 4059	CONSIDINE, C.	ODU/CITY OF NORFOLK NFWF TRAINING AND EDUC	300365-010		15.00%	5,134.90	770.24	5,905.14	15.00%	0.03%	63.45	79.31
ENG	* 4059	CONSIDINE, C.	HURRICANE FLORENCE SURVEY	300492-010		0.00%	4,440.74	0.00	4,440.74	0.00%	0.00%	-	-
ENG	* 4059	CONSIDINE, C.	CHARTING A PATH TO TRANS-DISCIPLINARY COLLABORATIVE DESIGN	300494-010		55.00%	4,608.58	2,534.72	7,143.30	55.00%	0.08%	208.81	261.01
ENG	* 4059	JOVANOVIC, V.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	* 4059	JOVANOVIC, V.	EAGER: Understanding the Impact of Making on Veterans in Pursuing STEM Degrees	100702-010		55.00%	1,545.86	850.22	2,396.08	55.00%	0.03%	70.04	87.55
ENG	* 4059	JOVANOVIC, V.	PATHWAY TO COMPLETION FOR PURSUING ENGINEERING DEGREES	100708-010		55.00%	19,051.05	3,878.08	22,929.13	20.36%	0.13%	319.47	399.34
ENG	* 4059	JOVANOVIC, V.	ODU BUILDING LEADERS FOR ADVANCING SCIENCE AND TECHNOLOGY 2019	300303-014		0.00%	1,876.42	0.00	1,876.42	0.00%	0.00%	-	-
ENG	4059	KUZLU, M.	BLOCKCHAIN-ENABLED PEER TO PEER ENERGY	500384-010		55.00%	26,007.23	14,303.98	40,311.21	55.00%	0.47%	1,178.33	1,472.92
ENG	* 4059	LESTER, J.	ODU/CITY OF NORFOLK NFWF TRAINING AND EDUC	300365-010		15.00%	1,026.98	154.05	1,181.03	15.00%	0.01%	12.69	15.86
ENG	* 4059	POPESCU, I.	UNDERGRAD STUDENT INSTRUMENT PROJECT	100595-010		26.00%	35.84	5.13	40.97	14.31%	0.00%	0.42	0.53
ENG	* 4059	POPESCU, I.	UNDERGRAD STUDENT INSTRUMENT PROJECT	100595-011		0.00%	3.80	0.00	3.80	0.00%	0.00%	-	-
ENG	* 4059	POPESCU, I.	EAGER: Understanding the Impact of Making on Veterans in Pursuing STEM Degrees	100702-010		55.00%	1,545.86	850.22	2,396.08	55.00%	0.03%	70.04	87.55
ENG	* 4059	SEEK, M.	ODU/CITY OF NORFOLK NFWF TRAINING AND EDUC	300365-010		15.00%	4,107.92	616.19	4,724.11	15.00%	0.02%	50.76	63.45
ENG	* 4059	TOMOVIC, M.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	* 4059	TOMOVIC, M.	PATHWAY TO COMPLETION FOR PURSUING ENGINEERING DEGREES	100708-010		55.00%	14,288.29	2,908.56	17,196.85	20.36%	0.10%	239.60	299.50
		* Department Total:					134,935.34	51,808.03	186,743.37		1.71%	4,267.85	5,334.81

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College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
	*	(See note)										249,345.24	311,681.55
	Engineering Management												
ENG	* 4060	COLLINS, A.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	100790-010		65.00%	62,594.04	37,900.44	100,494.49	60.55%	1.25%	3,122.16	3,902.71
ENG	* 4060	COLLINS, A.	DOD MODELING AND SIMULATION TECHNOLOGY READINESS	100800-010		65.00%	5,376.40	3,494.67	8,871.07	65.00%	0.12%	287.88	359.85
ENG	* 4060	COTTER, S.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	100790-010		65.00%	14,903.34	9,023.92	23,927.26	60.55%	0.30%	743.37	929.22
ENG	* 4060	COTTER, S.	PROGRAM MANAGEMENT SUPPORT	500343-010		55.00%	(0.28)	0.00	(0.28)	0.00%	0.00%	-	-
ENG	* 4060	DANIELS, C.	PROGRAM MANAGEMENT SUPPORT	500343-010		55.00%	(0.28)	0.00	(0.28)	0.00%	0.00%	-	-
ENG	* 4060	GHEORGHE, A.	BLOCKCHAIN AND CYBERSECURITY: COURSE DEV.	100691-010		55.00%	955.28	525.41	1,480.68	55.00%	0.02%	43.28	54.10
ENG	4060	GHEORGHE, A.	SPACE CRITICAL INFRASTRUCTURE: TOWARDS A POLICY FOR ALLIANCE	300515-010		0.00%	32,985.10	0.00	32,985.10	0.00%	0.00%	-	-
ENG	4060	HANDLEY, H.	CRG SUPPORT ARMY G-1	500260-030		55.00%	1,319.62	725.59	2,045.21	54.98%	0.02%	59.77	74.72
ENG	4060	HANDLEY, H.	HUMAN VIEWPOINT SUPPORT FOR NEXT GENERATION COMBAT VEHICLE MODELS	500389-010		65.00%	10,460.61	6,799.40	17,260.01	65.00%	0.22%	560.12	700.15
ENG	4060	HANDLEY, H.	DEVELOP OF ARCHITECTURE FRAMEWORK FOR DATA ANALYTICS FOR DRIVING SIM STUDIES	500404-010		55.00%	8,741.19	4,807.66	13,548.85	55.00%	0.16%	396.05	495.06
ENG	4060	KEATING, C.	NCSOSE MEMBERSHIPS	400192-000		0.00%	506.25	0.00	506.25	0.00%	0.00%	-	-
ENG	4060	KEATING, C.	COMPLEX SYSTEM GOVERNANCE: INTRODUCTION AND EXPLORATORY WORKSHOP	500393-010		55.00%	1,131.27	622.25	1,753.52	55.00%	0.02%	51.26	64.07
ENG	4060	LANDAETA, R.	ENGINEERING EARLY ADVANTAGE PROGRAM 2018	100527-026		0.00%	2,600.41	0.00	2,600.41	0.00%	0.00%	-	-
ENG	* 4060	PAZOS-LAGO, M.	SERVICE LEARNING PARTNERSHIP ENG EDUC	100736-010		55.00%	6,644.34	3,654.39	10,298.72	55.00%	0.12%	301.04	376.30
ENG	4060	PINTO, C.	CYBERSECURITY ACQUISITION FRAMEWORK BASE ON RISK MGMT: ECON PERSPECTIVES	100741-010		55.00%	29,280.32	16,104.19	45,384.51	55.00%	0.53%	1,326.63	1,658.29
ENG	4060	PINTO, C.	2018 SUPPORT OF CYBER RESEARCH	500304-030		26.00%	(100.76)	(26.49)	(127.25)	26.29%	0.00%	(2.18)	(2.73)
ENG	4060	RABADI, G.	QATAR UNIV MODEL DOHA NEW PORT	600195-010		20.00%	(0.02)	0.00	(0.02)	0.00%	0.00%	-	-
ENG	* 4060	RABADI, G.	PROGRAM MANAGEMENT SUPPORT	500343-010		55.00%	(0.28)	0.00	(0.28)	0.00%	0.00%	-	-
ENG	* 4060	SIBSON, K.	PATHWAY TO COMPLETION FOR PURSUING ENGINEERING DEGREES	100708-010		55.00%	19,051.05	3,878.08	22,929.13	20.36%	0.13%	319.47	399.34
ENG	* 4060	SOUSA-POZA, A.	BLOCKCHAIN AND CYBERSECURITY: COURSE DEV.	100691-010		55.00%	318.43	175.14	493.56	55.00%	0.01%	14.43	18.03
ENG	* 4060	SOUSA-POZA, A.	PROGRAM MANAGEMENT SUPPORT	500343-010		55.00%	(0.28)	0.00	(0.28)	0.00%	0.00%	-	-
		* Department Total:					196,765.76	87,684.63	284,450.39		2.90%	7,223.28	9,029.11

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	*	(See note)										249,345.24	311,681.55
Department of Computational Modeling and Simulation Engineering													
ENG	* 4075	AUDETTE, M.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	* 4075	AUDETTE, M.	SCOLIOSIS SURGERY PLANNING THROUGH CADAVERIC LIGAMENT-SKELETAL MAPPING	400311-010		0.00%	12,271.33	0.00	12,271.33	0.00%	0.00%	-	-
ENG	* 4075	AUDETTE, M.	SENSOR AND SIMULATION-BASED FALL INJURY MITIGATION FOR SENIOR CITIZENS	400332-010		10.00%	7,982.77	798.28	8,781.05	10.00%	0.03%	65.76	82.20
ENG	* 4075	LEATHRUM, J.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	100790-010		65.00%	14,903.34	9,023.92	23,927.26	60.55%	0.30%	743.37	929.22
ENG	* 4075	LEATHRUM, J.	SYSTEM OF SYSTEMS OPERATIONAL ANALYSIS	500341-001		55.00%	(12.23)	(6.73)	(18.95)	55.00%	0.00%	(0.55)	(0.69)
ENG	* 4075	LEATHRUM, J.	NAV SUITE CERT M&S TECH SUPPORT	500342-001		65.00%	1,753.94	1,140.15	2,894.09	65.00%	0.04%	93.92	117.40
ENG	4075	LIU, Z.	NOVEL STREAMLINE CLUSTERING METHOD FOR FST INSIGHTFUL VIS ANALYSIS OF BG FLW DATA	100527-027		0.00%	6,176.03	0.00	6,176.03	0.00%	0.00%	-	-
ENG	* 4075	LIU, Z.	FTI PHASE I STTR	500397-010		65.00%	6,254.34	4,065.32	10,319.66	65.00%	0.13%	334.89	418.62
ENG	* 4075	MCKENZIE, F.	CREATING FLEET MAKER: AN INFORMAL STEM LEARNING ENVIRON STIMULATE INNOV THINKING	100599-010		55.00%	16,406.65	9,023.66	25,430.31	55.00%	0.30%	743.35	929.19
ENG	* 4075	MCKENZIE, F.	MONITORING THERAPY FOR CHEST WALL DEFORMITY	400391-010		0.00%	29,951.59	0.00	29,951.59	0.00%	0.00%	-	-
ENG	* 4075	MIELKE, R.	SYSTEM OF SYSTEMS OPERATIONAL ANALYSIS	500341-001		55.00%	(6.11)	(3.36)	(9.48)	55.00%	0.00%	(0.28)	(0.35)
ENG	* 4075	MIELKE, R.	NAV SUITE CERT M&S TECH SUPPORT	500342-001		65.00%	876.97	570.07	1,447.04	65.00%	0.02%	46.96	58.70
ENG	* 4075	SHEN, Y.	SENSOR AND SIMULATION-BASED FALL INJURY MITIGATION FOR SENIOR CITIZENS	400332-010		10.00%	4,685.54	468.56	5,154.09	10.00%	0.02%	38.60	48.25
ENG	* 4075	SHEN, Y.	FTI PHASE I STTR	500397-010		65.00%	6,254.34	4,065.32	10,319.66	65.00%	0.13%	334.89	418.62
ENG	4075	SOSONKINA, M.	ENABLING GAMESS FOR EXOSCALE COMPUTING	100695-010		55.00%	63,293.65	34,811.52	98,105.17	55.00%	1.15%	2,867.70	3,584.63
ENG	4075	SOSONKINA, M.	DEVELOPMENT OF EXASCALE SOFTWARE FOR INTERFACIAL CATALYSIS	100797-010		55.00%	12,411.45	6,826.29	19,237.74	55.00%	0.23%	562.34	702.92
ENG	4075	SOSONKINA, M.	ISU CODESIGN APPROACH AMD#5	300241-010		53.00%	(0.36)	(0.18)	(0.54)	50.00%	0.00%	(0.01)	(0.02)
ENG	4075	SOSONKINA, M.	ENABLING EXASCALE CALCULATIONS FOR ELECTRONIC STRUCTURE THEORY	300343-020		53.00%	2,588.32	1,371.81	3,960.13	53.00%	0.05%	113.01	141.26
ENG	* 4075	YANG, H.	STREETLIGHT DATA FOR PLANNING TASK	200284-010		26.00%	19,680.33	5,116.88	24,797.21	26.00%	0.17%	421.52	526.90
ENG	* 4075	YANG, H.	CORRIDOR BASED TOLLING STRATEGIES	300511-010		26.00%	2,884.11	749.87	3,633.98	26.00%	0.02%	61.77	77.22
ENG	* 4075	YANG, H.	EFFECTIVENESS OF TMC AI APPLICATIONS	500382-010		55.00%	4,418.43	2,430.13	6,848.56	55.00%	0.08%	200.19	250.24
ENG	* 4075	YANG, H.	FTI PHASE I STTR	500397-010		65.00%	3,127.17	2,032.66	5,159.83	65.00%	0.07%	167.45	209.31
* Department Total:							232,308.25	91,507.83	323,816.08		3.02%	7,538.23	9,422.81
** College Total							\$ 2,189,532.84	\$ 750,261.14	\$ 2,939,793.98		24.79%	\$ 61,805.07	\$ 77,256.31

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
College of Health Sciences													
	Dean's Office												
HEALTH	5050	VAN LUNEN, B.	IMPACT OF CLINICAL EXPERIENCES FOR PROFESSIONAL ATHLETIC TRAINING STUDENTS	400340-010		15.00%	4,007.50	601.14	4,608.64	15.00%	0.02%	49.52	61.90
		* Department Total:					4,007.50	601.14	4,608.64		0.02%	49.52	61.90
Community and Environmental Health													
HEALTH	* 5051	ADAMS-TUFTS, K.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	11,806.44	324.98	12,131.43	2.75%	0.01%	26.77	33.46
HEALTH	* 5051	ADAMS-TUFTS, K.	COLLABORATION FOR ADVANCING STRATEGIES FOR YOUTH SUICIDE PREVENTION INITIATIVE	400362-010		10.00%	579.11	46.33	625.44	8.00%	0.00%	3.82	4.77
HEALTH	* 5051	AKPINAR-ELCI, M.	EVALUATION FOR HEALTHY CHESAPEAKE	400395-010		0.00%	1,168.00	0.00	1,168.00	0.00%	0.00%	-	-
HEALTH	* 5051	AKPINAR-ELCI, M.	NEED ASSESSMENT OF HEALTHCARE WORKFORCE IN WESTERN TIDEWATER REGION	400403-010		5.00%	1,480.90	74.05	1,554.95	5.00%	0.00%	6.10	7.62
HEALTH	5051	BLANDO, J.	NIOSH VIOLENCE PREVENTION MOD8	100446-010		50.00%	7,669.06	3,834.42	11,503.48	50.00%	0.13%	315.87	394.84
HEALTH	* 5051	BLANDO, J.	THREE OCCUPATIONAL UNITS FOR WORKPLACE VIOLENCE FOCUS GROUPS	100739-010		26.00%	3,612.80	939.18	4,551.98	26.00%	0.03%	77.37	96.71
HEALTH	* 5051	CRAMER, R.	IMPLEMENTING A SOCIAL-ECOLOGICAL SUICIDE PREVENTION PROGRAM (SESPP) AT ODU	100726-010		32.00%	18,874.75	6,039.92	24,914.67	32.00%	0.20%	497.56	621.95
HEALTH	* 5051	CRAMER, R.	COLLABORATION FOR ADVANCING STRATEGIES FOR YOUTH SUICIDE PREVENTION INITIATIVE	400362-010		10.00%	11,003.00	880.33	11,883.33	8.00%	0.03%	72.52	90.65
HEALTH	* 5051	KEKEH, M.	EVALUATION FOR HEALTHY CHESAPEAKE	400395-010		0.00%	1,168.00	0.00	1,168.00	0.00%	0.00%	-	-
HEALTH	* 5051	KEKEH, M.	NEED ASSESSMENT OF HEALTHCARE WORKFORCE IN WESTERN TIDEWATER REGION	400403-010		5.00%	1,480.90	74.05	1,554.95	5.00%	0.00%	6.10	7.62
HEALTH	* 5051	LESER, K.	THREE OCCUPATIONAL UNITS FOR WORKPLACE VIOLENCE FOCUS GROUPS	100739-010		26.00%	2,408.53	626.12	3,034.65	26.00%	0.02%	51.58	64.47
HEALTH	5051	ZHANG, Q.	HEALTH OUTCOMES AND REDEMPTION BEHAVIORS AMONG VIRGINIA WIC PARTICIPANTS	100620-010		10.00%	12,586.12	1,258.62	13,844.74	10.00%	0.04%	103.68	129.60
HEALTH	5051	ZHANG, Q.	PRE DETERMINANTS OF BREASTFEEDING INITIATION AND DURATION IN WIC PARTICIPANTS	100733-010		10.00%	3,092.27	309.23	3,401.50	10.00%	0.01%	25.47	31.84
HEALTH	5051	ZHANG, Q.	WIC ON WHEELS VA	300416-010		55.00%	4,653.02	2,559.16	7,212.18	55.00%	0.08%	210.82	263.52
HEALTH	* 5051	ZHANG, Q.	FOOD ASSISTANCE, DIET AND BODY WEIGHT STATUS AMONG WIC CHILDREN	100645-010		55.00%	37.50	20.63	58.13	55.00%	0.00%	1.70	2.12
		* Department Total:					81,620.39	16,987.01	98,607.40		0.56%	1,399.36	1,749.17
Dental Hygiene													
HEALTH	* 5052	TOLLE, S.	EVMS TRANSFORMATIVE EDUC ADV DENTAL HYGIENE	300349-011		8.00%	1,751.46	140.12	1,891.58	8.00%	0.00%	11.54	14.43
		* Department Total:					1,751.46	140.12	1,891.58		0.00%	11.54	14.43
Nursing													
HEALTH	* 5055	FOWLER, C.	ADVANCED NURSING EDUCATION GRANTS	100533-030		8.00%	11,524.67	921.97	12,446.65	8.00%	0.03%	75.95	94.94
HEALTH	* 5055	GUSTIN, T.	SUPP:APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	21,113.25	1,689.06	22,802.30	8.00%	0.06%	139.14	173.93
HEALTH	* 5055	HANEY, T.	ADVANCED NURSING EDUCATION GRANTS	100533-031		8.00%	11,524.67	921.97	12,446.65	8.00%	0.03%	75.95	94.94
HEALTH	* 5055	HANEY, T.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	61,726.67	1,917.11	63,643.78	3.11%	0.06%	157.93	197.41
HEALTH	* 5055	HIGGINS, K.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	20,575.56	639.04	21,214.59	3.11%	0.02%	52.64	65.80
HEALTH	* 5055	MARTIN, J.	HEALTH LEARNING HUB	400368-010		0.00%	1,821.00	0.00	1,821.00	0.00%	0.00%	-	-
HEALTH	* 5055	NESBITT, C.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	30,863.34	958.55	31,821.89	3.11%	0.03%	78.96	98.70
HEALTH	* 5055	NESBITT, C.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	16,866.35	464.26	17,330.61	2.75%	0.02%	38.24	47.81
HEALTH	* 5055	POSTON, R.	ADVANCED NURSING EDUCATION GRANTS	100533-030		8.00%	11,524.67	921.97	12,446.65	8.00%	0.03%	75.95	94.94
HEALTH	* 5055	POSTON, R.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	30,863.34	958.55	31,821.89	3.11%	0.03%	78.96	98.70
HEALTH	5055	RUTLEDGE, C.	ANEW: PARTNERSHIP (A.GUPTA)	300504-010		8.00%	22,433.35	1,794.67	24,228.02	8.00%	0.06%	147.84	184.80
HEALTH	* 5055	RUTLEDGE, C.	ADVANCED NURSING EDUCATION GRANTS	100533-030		8.00%	17,287.01	1,382.96	18,669.97	8.00%	0.05%	113.93	142.41
HEALTH	* 5055	RUTLEDGE, C.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	30,863.34	958.55	31,821.89	3.11%	0.03%	78.96	98.70
HEALTH	* 5055	RUTLEDGE, C.	SUPP:APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-021		8.00%	21,113.25	1,689.06	22,802.30	8.00%	0.06%	139.14	173.93
HEALTH	* 5055	WILES, L.	ADVANCED NURSING EDUCATION GRANTS	100533-030		8.00%	5,762.34	460.99	6,223.32	8.00%	0.02%	37.98	47.47
		* Department Total:					315,862.79	15,678.71	331,541.50		0.52%	1,291.57	1,614.48

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation				
	*	(See note)										249,345.24	311,681.55				
Medical Diagnostic & Translational Sciences																	
HEALTH	* 5056	BRUNO, R.	3D BIOPRINTING TO MAP CRITICAL DETERMINANTS OF STEM CELL ASYMMETRIC DIVISIONS	100796-010		55.00%	14,481.60	7,964.89	22,446.49	55.00%	0.26%	656.13	820.16				
HEALTH	* 5056	BRUNO, R.	SUB-NANOSEC ELECTRIC FIELDS AS PROTEIN DISAGGREGATION- HUNTINGTONS & ALZHEIMERS	300479-010		0.00%	7,025.16	0.00	7,025.16	0.00%	0.00%	-	-				
HEALTH	* 5056	BRUNO, R.	3-D BIOPRINTING FOR IN-VITRO MODELING OF ASYMMETRIC STEM CELL DIVISIONS	400331-010		0.00%	10,310.50	0.00	10,310.50	0.00%	0.00%	-	-				
HEALTH	5056	KRAJ, B.	FLOW CYTOMETRY ENRICHMENT PROGRAM FOR MLS	400378-010		0.00%	2,200.00	0.00	2,200.00	0.00%	0.00%	-	-				
HEALTH	* 5056	MOLLIKA, P.	SUB-NANOSEC ELECTRIC FIELDS AS PROTEIN DISAGGREGATION- HUNTINGTONS & ALZHEIMERS	300479-010		0.00%	7,025.16	0.00	7,025.16	0.00%	0.00%	-	-				
HEALTH	5056	RIETHMAN, H.	A NOVEL SINGLE-MOLECULE TELOMERE CHARACTERIZATION TECHNOLOGY FOR ANALYZING	100578-010		55.00%	89,284.04	13,399.72	102,683.76	15.01%	0.44%	1,103.84	1,379.80				
HEALTH	5056	RIETHMAN, H.	WISTAR: EPIGENETIC REGULATION OF HUMAN TELOMERES	400272-010		55.00%	2,582.28	1,420.24	4,002.52	55.00%	0.05%	117.00	146.25				
HEALTH	* 5056	SACHS, P.	3D BIOPRINTING TO MAP CRITICAL DETERMINANTS OF STEM CELL ASYMMETRIC DIVISIONS	100796-010		55.00%	14,481.60	7,964.89	22,446.49	55.00%	0.26%	656.13	820.16				
HEALTH	* 5056	SACHS, P.	SUB-NANOSEC ELECTRIC FIELDS AS PROTEIN DISAGGREGATION- HUNTINGTONS & ALZHEIMERS	300479-010		0.00%	7,025.16	0.00	7,025.16	0.00%	0.00%	-	-				
HEALTH	* 5056	SACHS, P.	3-D BIOPRINTING FOR IN-VITRO MODELING OF ASYMMETRIC STEM CELL DIVISIONS	400331-010		0.00%	10,310.50	0.00	10,310.50	0.00%	0.00%	-	-				
	* Department Total:							164,725.98	30,749.73	195,475.71		1.02%	2,533.10	3,166.37			
Physical Therapy																	
HEALTH	5058	CAVALLARIO, J.	ED AND PRECEPTOR ROLES	400381-010		0.00%	150.00	0.00	150.00	0.00%	0.00%	-	-				
HEALTH	* 5058	KOTT, K.	APN-CPR: OPTIMIZING APN READINESS TO ADDRESS RURAL AND UNDERSERVED NEEDS	100670-020		8.00%	30,863.34	958.55	31,821.89	3.11%	0.03%	78.96	98.70				
HEALTH	5058	MCCANN, R.	NATA CORITCOSPINAL EXCITABILITY	400380-010		0.00%	454.00	0.00	454.00	0.00%	0.00%	-	-				
HEALTH	5058	MCCANN, R.	COMPARISON OF BALANCE	400388-010		0.00%	462.26	0.00	462.26	0.00%	0.00%	-	-				
HEALTH	5058	MORRISON, S.	EXAMINATION OF THE FOOT CORE SYSTEM IN THOSE WITH PLANTAR FASCIITIS	400314-010		0.00%	195.00	0.00	195.00	0.00%	0.00%	-	-				
HEALTH	* 5058	MORRISON, S.	SENSOR AND SIMULATION-BASED FALL INJURY MITIGATION FOR SENIOR CITIZENS	400332-010		10.00%	4,685.54	468.56	5,154.09	10.00%	0.02%	38.60	48.25				
HEALTH	* 5058	MORRISON, S.	ASSESSMENT OF MOTOR FUNCTION IN OLDER ADULTS WITH PARKINSON'S DISEASE	400384-010		0.00%	5,365.02	0.00	5,365.02	0.00%	0.00%	-	-				
HEALTH	* 5058	RUSSELL, D.	ASSESSMENT OF MOTOR FUNCTION IN OLDER ADULTS WITH PARKINSON'S DISEASE	400384-010		0.00%	2,299.30	0.00	2,299.30	0.00%	0.00%	-	-				
	* Department Total:							44,474.46	1,427.11	45,901.56		0.05%	117.56	146.95			
** College Total							\$	612,442.57	\$	65,583.81	\$	678,026.39	2.17%	\$	5,402.65	\$	6,753.30

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
		(See note)										249,345.24	311,681.55
College of Sciences													
	Dean's Office												
SCI	6080	DAINES, D.	HIGH THROUGHPUT SCREENING TO DISCOVER NOVEL TOXIN INHIBITORS	100550-030		53.00%	24,812.91	13,150.85	37,963.76	53.00%	0.43%	1,083.34	1,354.18
		* Department Total:					24,812.91	13,150.85	37,963.76		0.43%	1,083.34	1,354.18
Biological Sciences													
SCI	6081	BARSHIS, D.	BLEACHING PHENOTYPES OF ACUTE VS CHRONIC CORAL SUSCEPTIBILITY AND RESILIENCE	100715-010		26.00%	4,367.39	1,010.82	5,378.21	23.14%	0.03%	83.27	104.09
SCI	6081	BARSHIS, D.	CORAL THERMAL ADAPTATION IN THE RED SEA	400344-010		15.00%	10,058.30	1,508.75	11,567.05	15.00%	0.05%	124.29	155.36
SCI	6081	BARSHIS, D.	GLOBAL SEARCH FOR HEAT RESILIENCE GENES IN CORALS	400390-010		0.00%	9,492.96	0.00	9,492.96	0.00%	0.00%	-	-
SCI	* 6081	BARSHIS, D.	PIRE: CENTENNIAL GENETIC AND SPECIES TRANSFORMATIONS	100688-010		26.00%	18,879.62	4,377.58	23,257.20	23.19%	0.14%	360.62	450.77
SCI	6081	BARTOL, I.	COLLABORATIVE RESEARCH:HYDRODYNAMIC AND MUSCULAR MECHANICAL INVESTIGATION	100603-010		55.00%	20,998.06	11,548.95	32,547.01	55.00%	0.38%	951.38	1,189.22
SCI	6081	BUTLER, M.	DEVELOPMENT OF A DIRECT-AGEING TECHNIQUE FOR GULF AND S ATLANTIC SPINY LOBSTER	100610-010		26.00%	9,862.24	2,564.18	12,426.42	26.00%	0.08%	211.23	264.04
SCI	6081	BUTLER, M.	CARIBBEAN SPINY LOBSTER FOR STOCK ASSESSMENT	100744-010		26.00%	18,849.18	4,900.79	23,749.97	26.00%	0.16%	403.72	504.65
SCI	6081	BUTLER, M.	SCALING UP SPONGE COMMUNITY RESTORATION IN SOUTH FL: ITS EFFICACY AND ECOSYSTEM	200214-011		26.00%	1,655.21	430.37	2,085.58	26.00%	0.01%	35.45	44.32
SCI	6081	BUTLER, M.	CAN HERBIVOROUS CRAB FACILITATE CORAL RESTORATION IN THE FL KEYS	200243-010		15.00%	20,819.88	(1,796.40)	19,023.48	-8.63%	-0.06%	(147.98)	(184.98)
SCI	6081	BUTLER, M.	IMPROVING CORAL REEF RESTORATION	400399-010		26.00%	14,239.17	2,360.32	16,599.49	16.58%	0.08%	194.44	243.05
SCI	* 6081	CARPENTER, K.	PIRE: CENTENNIAL GENETIC AND SPECIES TRANSFORMATIONS	100688-010		26.00%	169,916.54	39,398.21	209,314.76	23.19%	1.30%	3,245.55	4,056.93
SCI	6081	CARPENTER, K.	A COMPREHENSIVE PETROCHEMICAL VULNERABILITY INDEX FOR IMPROVED DECISION - MAKING	300461-010		55.00%	28,947.24	13,583.48	42,530.72	46.92%	0.45%	1,118.98	1,398.73
SCI	6081	CARPENTER, K.	IUCN GLOBAL MARINE SPEC. M#4	600185-010		30.00%	11,239.01	3,371.70	14,610.71	30.00%	0.11%	277.75	347.19
SCI	6081	CARPENTER, K.	IUCN CORE SUPPORT GMSA	600190-010		5.00%	18,795.73	939.78	19,735.51	5.00%	0.03%	77.42	96.77
SCI	6081	CARPENTER, K.	GLOBAL ASSESSMENT OF CLUPEIFORM FISHES	600207-010		11.00%	22,499.73	2,474.96	24,974.69	11.00%	0.08%	203.88	254.85
SCI	6081	CARPENTER, K.	NATIONAL RED LIST FOR THE UAE	600220-010		10.00%	26,092.21	2,609.22	28,701.43	10.00%	0.09%	214.94	268.68
SCI	6081	DAUER, D.	CBP BENTHIC MONITORING FY19	300476-011		10.00%	87,836.74	8,768.59	96,605.33	9.98%	0.29%	722.34	902.92
SCI	6081	DAUER, D.	CBP STATUS AND TRENDS FY19	300476-012		10.00%	43,873.51	4,387.35	48,260.86	10.00%	0.14%	361.42	451.78
SCI	6081	EGERTON, T.	VDH HAB FY19	300473-010		10.00%	19,978.77	1,338.69	21,317.46	6.70%	0.04%	110.28	137.85
SCI	6081	EGERTON, T.	CBP PHYTOPLANKTON FY19	300476-013		10.00%	53,129.16	5,312.92	58,442.08	10.00%	0.18%	437.67	547.08
SCI	6081	GAFF, H.	ADAPTING TICKBOT TECHNOLOGY TO SUPPORT EFFORTS BY APPROPRIATED CATTLE FEVER	100586-010		0.00%	2,757.25	0.00	2,757.25	0.00%	0.00%	-	-
SCI	6081	GAFF, H.	LYMESIM DEVELOPMENT	100714-010		55.00%	44,399.84	24,419.92	68,819.76	55.00%	0.81%	2,011.67	2,514.58
SCI	* 6081	GAFF, H.	SPATIAL ECO-EPIDEMIOLOGY OF TICK-BORNE RICKETTSIAL PATHOGENS	100684-010		55.00%	74,214.99	16,409.04	90,624.03	22.11%	0.54%	1,351.74	1,689.68
SCI	* 6081	GAFF, H.	QUANTITATIVE GENOMIC ANALYSIS OF BLACK -LEGGED TICK POP IN VA	300439-010		0.00%	1,995.29	0.00	1,995.29	0.00%	0.00%	-	-
SCI	* 6081	GAUTHIER, D.	SPATIAL ECO-EPIDEMIOLOGY OF TICK-BORNE RICKETTSIAL PATHOGENS	100684-010		55.00%	22,264.50	4,922.71	27,187.21	22.11%	0.16%	405.52	506.90
SCI	6081	HORTH, L.	EVALUATING VIRAL DISEASE IN HONEY AND MASON BEES ON SMALL STRAWBERRY FARMS IN VA	200239-010		0.00%	397.47	0.00	397.47	0.00%	0.00%	-	-
SCI	6081	HORTH, L.	ASSESSING PATHOGENIC DISEASES IN BEES AND FLOWERS ON STRAWBERRY FARMS IN VA	200264-010		0.00%	3,583.88	0.00	3,583.88	0.00%	0.00%	-	-
SCI	6081	HORTH, L.	VERTICAL FARMING OF STRAWBERRIES	200287-010		0.00%	33,676.41	0.00	33,676.41	0.00%	0.00%	-	-
SCI	6081	HYNES, W.	BABESIA SPP. IN VIRGINIA TICKS	400360-010		0.00%	96.00	0.00	96.00	0.00%	0.00%	-	-
SCI	* 6081	HYNES, W.	SPATIAL ECO-EPIDEMIOLOGY OF TICK-BORNE RICKETTSIAL PATHOGENS	100684-010		55.00%	51,950.49	11,486.33	63,436.82	22.11%	0.38%	946.22	1,182.78
SCI	* 6081	HYNES, W.	QUANTITATIVE GENOMIC ANALYSIS OF BLACK -LEGGED TICK POP IN VA	300439-010		0.00%	665.10	0.00	665.10	0.00%	0.00%	-	-
SCI	6081	KRAJ, P.	NIH REG CELL FUNCTION CANCER	100496-010		53.00%	(224.25)	(118.85)	(343.10)	53.00%	0.00%	(9.79)	(12.24)
SCI	* 6081	MAXWELL, S.	LARGE MARINE PROTECTED AREAS FOR LARGE MARINE SPECIES: THE SCIENTIFIC CASE	400339-010		10.00%	12,269.61	0.00	12,269.61	0.00%	0.00%	-	-
SCI	* 6081	NEELAKANTA, G.	ANAPLASMA PHAGOCYTOPHILUM MODULATE TICK GENE EXPRESSION	100671-010		55.00%	63,349.60	34,842.28	98,191.88	55.00%	1.15%	2,870.24	3,587.80
SCI	* 6081	OSGOOD, C.	PHOTOSTABLE MULTIPLEXING NANOASSAYS FOR REAL-TIME STUDY OF EMBRYONIC STEM	100555-010		55.00%	669.12	368.01	1,037.13	55.00%	0.01%	30.32	37.90
SCI	* 6081	OSGOOD, C.	NIH_NEW PHOTOSTABLE NANOPROBES	100585-010		55.00%	5,609.98	2,350.12	7,960.09	41.89%	0.08%	193.60	242.00
SCI	* 6081	OSGOOD, C.	LARGE MARINE PROTECTED AREAS FOR LARGE MARINE SPECIES: THE SCIENTIFIC CASE	400339-010		10.00%	12,269.61	0.00	12,269.61	0.00%	0.00%	-	-
SCI	* 6081	SULTANA, H.	ANAPLASMA PHAGOCYTOPHILUM MODULATE TICK GENE EXPRESSION	100671-010		55.00%	42,233.07	23,228.19	65,461.26	55.00%	0.77%	1,913.49	2,391.87
SCI	6081	SWANSON, J.	EVMS MITOCHONDRIA OOCYTE MOD8	400019-050		0.00%	(1,619.20)	0.00	(1,619.20)	0.00%	0.00%	-	-
SCI	6081	WALLACE, L.	COLLABORATIVE RESEARCH: DIGITIZATION PEN	100724-010		55.00%	5,635.97	3,099.79	8,735.76	55.00%	0.10%	255.35	319.19
SCI	6081	WALTERS, E.	COLLABORATIVE RESEARCH: EVOLUTION OF COOPERATION IN SOCIAL WOODPECKERS	100542-010		26.00%	55,062.25	13,514.39	68,576.64	24.54%	0.45%	1,113.29	1,391.61
		* Department Total:					1,042,787.59	243,612.19	1,286,399.79		8.05%	20,068.30	25,085.37

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
		(See note)										249,345.24	311,681.55
	Chemistry and Biochemistry												
SCI	6082	BAYSE, C.	NIH_MOLECULAR MODELING OF THE ACTIVITY AND INHIBITION	100646-010		55.00%	32,765.35	15,346.29	48,111.64	46.84%	0.51%	1,264.20	1,580.25
SCI	6082	BAYSE, C.	VIRGINIA ACADEMY OF SCIENCE AWARD	400375-010		0.00%	2,367.39	0.00	2,367.39	0.00%	0.00%	-	-
SCI	* 6082	BAYSE, C.	REU SITE: UNDERGRADUATE RESEARCH OPPORTUNITIES IN CHEMISTRY	100664-010		55.00%	19,865.18	3,064.45	22,929.63	15.43%	0.10%	252.44	315.55
SCI	* 6082	BAYSE, C.	MECHANISTIC INVESTIGATIONS OF HOST DEFENSE METALLOPEPTIDE INTERACTIONS	300522-010		55.00%	688.83	378.86	1,067.69	55.00%	0.01%	31.21	39.01
SCI	6082	BERNATH, P.	NASA INFRARED ABSORPTION MOD#1	100039-010		53.00%	(1,892.31)	(1,002.92)	(2,895.23)	53.00%	-0.03%	(82.62)	(103.27)
SCI	6082	BERNATH, P.	NASA SPECTROSCOPY FOR SUPER-EARTH ATMOSPHERES	100584-010		55.00%	26,201.55	14,410.85	40,612.40	55.00%	0.48%	1,187.14	1,483.92
SCI	6082	BERNATH, P.	NASA_ABSORPTION CROSS SECTIONS FOR THE OUTER PLANETS	100611-010		55.00%	90,866.74	49,362.04	140,228.78	54.32%	1.63%	4,066.35	5,082.93
SCI	6082	BERNATH, P.	SPECTROSCOPY OF ASTRO MOLECULES	100698-010		55.00%	69,969.44	38,483.18	108,452.62	55.00%	1.27%	3,170.17	3,962.71
SCI	6082	CHEN, HONG MEI	CHARACTERIZATION OF NATURAL ORGANIC MATTER BY ADVANCED ANALYTICAL TECHNIQUES	100693-010		55.00%	15,328.70	8,430.79	23,759.49	55.00%	0.28%	694.51	868.14
SCI	6082	DONAT, J.	CBP WQM FY18	300437-010		10.00%	22,774.46	772.28	23,546.74	3.39%	0.03%	63.62	79.52
SCI	6082	DONAT, J.	CBP WQM FY19	300476-010		10.00%	293,948.81	20,802.18	314,750.99	7.08%	0.69%	1,713.64	2,142.05
SCI	* 6082	GREENE, L.	USDA_DESIGNER ALGAE BIOTECHNOLOGY RISK ASSESSMENT	100627-010		42.86%	18,245.71	7,820.11	26,065.82	42.86%	0.26%	644.21	805.26
SCI	6082	GREENE, L.	EXPLORATORY LOOK INTO THE FUTURE: INVESTIGATION ADAPTATION	300440-010		0.00%	572.16	0.00	572.16	0.00%	0.00%	-	-
SCI	6082	HATCHER, P.	NSF_COLLABORATIVE RESEARCH	100597-010		55.00%	26,412.79	12,391.09	38,803.88	46.91%	0.41%	1,020.75	1,275.94
SCI	6082	HATCHER, P.	ADDOMEX 2:TOWARDS SYNTHESIS OF PROCESSES & PATHWAYS OF MARINE OIL SNOW FORMATION	300464-010		55.00%	68,029.40	37,416.18	105,445.58	55.00%	1.24%	3,082.27	3,852.84
SCI	6082	HATCHER, P.	BIOGEOCHEMISTRY OF PHOSPHATE AND CARBON INERATIONS IN AGROECOSYSTEMS	300466-010		42.85%	32,430.47	13,898.73	46,329.20	42.86%	0.46%	1,144.95	1,431.19
SCI	6082	HOLDER, A.	NSF METAL COMP AND PHOTO WATER	100452-010		53.00%	16,303.21	8,640.70	24,943.91	53.00%	0.29%	711.80	889.75
SCI	* 6082	HOLDER, A.	REU SITE: UNDERGRADUATE RESEARCH OPPORTUNITIES IN CHEMISTRY	100664-010		55.00%	13,243.45	2,042.97	15,286.42	15.43%	0.07%	168.30	210.37
SCI	* 6082	HOLDER, A.	MARC UNDERGRADUATE STUDENT TRAINING IN ACADEMIC RESEARCH PROGRAM AT ODU	100718-010		8.00%	25,989.61	877.85	26,867.46	3.38%	0.03%	72.32	90.39
SCI	* 6082	HOLDER, A.	MARC UNDERGRADUATE STUDENT TRAINING IN ACADEMIC RESEARCH PROGRAM AT ODU	100718-020		8.00%	10,653.92	561.52	11,215.43	5.27%	0.02%	46.26	57.82
SCI	* 6082	LEE, J.	USDA_DESIGNER ALGAE BIOTECHNOLOGY RISK ASSESSMENT	100627-010		42.86%	42,573.33	18,246.92	60,820.25	42.86%	0.60%	1,503.15	1,878.93
SCI	6082	MAO, J.	COLLABORATIVE RESEARCH: AIR-OXIDATION OF BIOMASS CHARS	100681-010		55.00%	7,476.77	4,112.22	11,588.99	55.00%	0.14%	338.76	423.45
SCI	6082	MAO, J.	COLLABORATIVE RESEARCH: MANGANESE(III)-DRIVEN CARBON OXIDATION AT OXIC-ANOXIC	100808-010		55.00%	1,405.56	773.06	2,178.62	55.00%	0.03%	63.68	79.60
SCI	* 6082	MOPPER, K.	CYNATE IN THE SEA	100512-020		53.00%	170.74	90.49	261.23	53.00%	0.00%	7.45	9.32
SCI	6082	PAGOLA, S.	POWDER DIFFRACTION PATTERNS	400386-010		0.00%	2,842.55	0.00	2,842.55	0.00%	0.00%	-	-
SCI	6082	PURCELL, E.	NIH_ROLE OF STRINGENT RESPONSE	100606-010		8.00%	24,679.68	1,974.38	26,654.06	8.00%	0.07%	162.65	203.31
SCI	* 6082	PURCELL, E.	MECHANISTIC INVESTIGATIONS OF HOST DEFENSE METALLOPEPTIDE INTERACTIONS	300522-010		55.00%	1,033.25	568.28	1,601.53	55.00%	0.02%	46.81	58.52
SCI	* 6082	PURCELL, E.	INVESTIGATING CUTIBACTERIUM ACNES INACTIVATION BY NANOSECOND PULSE STIMULATION	500226-017		55.00%	10,896.97	5,993.33	16,890.29	55.00%	0.20%	493.72	617.15
SCI	6082	WANG, G.	SYNTHESIS AND STUDY OF GLYCOCONJUGATES AND CARBOHYDRATES BASED MACROCYCLES	100729-010		55.00%	34,690.19	17,434.94	52,125.13	50.26%	0.58%	1,436.26	1,795.32
SCI	6082	WANG, G.	HYBRID ORGANIC-INORGANIC MATERIALS FOR NON-VOLATILE OPTICAL MEMORY DEVICES	300483-010		0.00%	2,178.08	0.00	2,178.08	0.00%	0.00%	-	-
SCI	* 6082	XU, N.	PHOTOSTABLE MULTIPLEXING NANOASSAYS FOR REAL-TIME STUDY OF EMBRYONIC STEM	100555-010		55.00%	12,713.22	6,992.27	19,705.49	55.00%	0.23%	576.01	720.01
SCI	* 6082	XU, N.	NIH_NEW PHOTOSTABLE NANOPROBES	100585-010		55.00%	22,439.90	9,400.47	31,840.38	41.89%	0.31%	774.39	967.99
SCI	6082	XU, N.	NSF BRAIN EAGER: NEW TOOLS FOR	100490-010		53.00%	537.47	284.87	822.34	53.00%	0.01%	23.47	29.33
SCI	6082	XU, N.	NSF NEW TOOLS FOR REAL TIME	100490-030		0.00%	1,505.37	0.00	1,505.37	0.00%	0.00%	-	-
SCI	6082	XU, N.	RESEARCH SUPPLEMENT TO PROMOTE DIVERSITY IN HEALTH-RELATED RESEARCH	100585-011		55.00%	4,757.40	2,616.55	7,373.95	55.00%	0.09%	215.55	269.43
		* Department Total:					954,665.34	302,184.92	1,256,850.26		9.98%	24,893.42	31,116.73

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
		(See note)										249,345.24	311,681.55
	Mathematics and Statistics												
SCI	6083	BADAVI, F.	IMPLEMENTATION OF A NEW MAGNETIC FIELD DEF INTO THE LEO RADIATION ENVIRO MODEL	100700-010		26.00%	92,689.08	24,099.15	116,788.23	26.00%	0.80%	1,985.24	2,481.55
SCI	6083	CHAGANTY, R.	CBP DATA ANALYSIS SUPPORT FY19	300476-014		10.00%	8,132.56	813.26	8,945.82	10.00%	0.03%	66.99	83.74
SCI	* 6083	DIAWARA, N	VIRGINIA SEAT BELT AND CORE SURVEYS 2019	200282-010		26.00%	17,537.14	4,559.66	22,096.80	26.00%	0.15%	375.62	469.52
SCI	6083	DIAWARA, N.	4-VA STATS IN THE BIOMEDICAL ACCELERATION ON IDIOPATHIC PULMONARY FIBROSIS RSRCH	300493-010		0.00%	4,465.76	0.00	4,465.76	0.00%	0.00%	-	-
SCI	* 6083	DIAWARA, N.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	16,866.35	464.26	17,330.61	2.75%	0.02%	38.24	47.81
SCI	* 6083	DIAWARA, N.	NOYCE STEM TEACHER ACTIVE RECRUITMENT (ON STAR)	100802-010		55.00%	3,728.23	2,050.53	5,778.76	55.00%	0.07%	168.92	211.15
SCI	6083	HU, F.	TD-FAST (TIME DOMAIN FAST ACOUSTIC SCATTERING TOOL KIT)	400203-005		26.00%	3,346.62	731.80	4,078.42	21.87%	0.02%	60.28	75.36
SCI	6083	HU, F.	TD-FAST (TIME DOMAIN FAST ACOUSTIC SCATTERING TOOLKIT) APP AND ENHANCEMENT	400203-006		26.00%	30,279.09	7,872.56	38,151.65	26.00%	0.26%	648.53	810.66
SCI	6083	JOO, S.	SIMONS FOUNDATION_MATHEMATICAL STUDIES OF SMECTIC LIQUID CRYSTALS	400309-030		16.66%	1,626.78	271.02	1,897.80	16.66%	0.01%	22.33	27.91
SCI	6083	LUO, L.	EFFICIENT HIGH-ORDER ALGORITHMS FOR NONEQUILIBRIUM MICROFLOWS OVER KNUDSEN NO	100665-010		55.00%	20,908.01	11,499.41	32,407.42	55.00%	0.38%	947.30	1,184.12
SCI	6083	LUO, L.	HUANG SUPPORT	400347-011		0.00%	30,123.81	0.00	30,123.81	0.00%	0.00%	-	-
SCI	* 6083	PARK, K.	FOOD ASSISTANCE, DIET AND BODY WEIGHT STATUS AMONG WIC CHILDREN	100645-010		55.00%	12.50	6.88	19.38	55.00%	0.00%	0.57	0.71
SCI	* 6083	TWEED, J.	NASA RADIATION SHIELDING MOD#2	100480-010		26.00%	3,345.50	869.83	4,215.33	26.00%	0.03%	71.65	89.57
SCI	* 6083	WILSON, J.	NASA RADIATION SHIELDING MOD#2	100480-010		26.00%	63,564.51	16,526.77	80,091.28	26.00%	0.55%	1,361.44	1,701.80
SCI	6083	XU, YUESHENG	INTERNATIONAL CONFERENCE ON MATHEMATICS OF DATA SCIENCE	100794-010		55.00%	620.72	0.00	620.72	0.00%	0.00%	-	-
SCI	6083	YAMALEEV, NAIL	PHYSICS-BSD SPECIAL COLLOCATION MTHDS FOR LG EDDY SIMULATIONS ON ADAPTIVE GRIDS	100685-010		55.00%	45,343.88	24,939.14	70,283.02	55.00%	0.82%	2,054.44	2,568.05
SCI	6083	ZHOU, R.	COLLAB RESEARCH: KINETIC TO CONTINUUM MODELING OF ACTIVE ANISOTROPIC FLUIDS	100564-010		55.00%	141.03	77.57	218.60	55.00%	0.00%	6.39	7.99
		* Department Total:					342,731.57	94,781.83	437,513.40		3.13%	7,807.94	9,759.94

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SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55	
	Ocean, Earth and Atmospheric Sciences													
SCI	6085	BOCHDANSKY, A.	COLLABORATIVE RESEARCH: TRANSFORMING CARBON IN THE DEEP SEA	100805-010		55.00%	25,596.13	13,049.93	38,646.06	50.98%	0.43%	1,075.03	1,343.78	
SCI	6085	BURDIGE, D.	NSF ORGANIC CARBON OXIDATION	100536-010		55.00%	24,547.89	5,571.65	30,119.54	22.70%	0.18%	458.98	573.73	
SCI	6085	BURDIGE, D.	PEPTIDE DEAMINATION SOURCE REFRACTORY DISSOLVED ORGANIC MATTER MARINE SEDIMENTS	100705-010		55.00%	21,163.07	10,264.70	31,427.77	48.50%	0.34%	845.59	1,056.98	
SCI	* 6085	BURDIGE, D.	COLLAB RES: TOWARD IMPROVED UNDERSTANDING BLUE CARBON: SEAGRASSES SEQUESTER CO2	100608-010		55.00%	37,570.36	17,514.67	55,085.03	46.62%	0.58%	1,442.82	1,803.53	
SCI	6085	CHAPPELL, P.	COLLABORATIVE RESEARCH: INVESTIGATING IRON-BINDING LIGANDS IN SOUTHERN OCEAN ...	100530-010		53.00%	11,468.74	6,078.43	17,547.17	53.00%	0.20%	500.73	625.91	
SCI	6085	CHAPPELL, P.	GRADUATE RESEARCH FELLOWSHIP PROGRAM 2017	100666-010		0.00%	22,305.14	0.00	22,305.14	0.00%	0.00%	-	-	
SCI	6085	CHAPPELL, P.	QUANTIFYING EFFECTS VARIABLE LIGHT AND IRON ON NITRATE ASSIMILATION ISOTOPE	100803-010		55.00%	26,529.62	14,591.30	41,120.92	55.00%	0.48%	1,202.00	1,502.50	
SCI	* 6085	COVI, M.	COASTAL SEES COLL RES: SUSTAINABILITY CHESAPEAKE BAY SHORESCAPES	100625-010		55.00%	11,039.07	6,071.49	17,110.56	55.00%	0.20%	500.16	625.20	
SCI	* 6085	COVI, M.	ASERT COMMUNITY ENGAGEMENT IN VIRGINIA BEACH	200246-020		26.00%	4,704.69	1,223.22	5,927.91	26.00%	0.04%	100.77	125.96	
SCI	* 6085	COVI, M.	MEASURE COMMUNITY STRESS-SUPPORT DISASTER RESILIENCE	300366-010		55.00%	3,607.52	1,984.14	5,591.66	55.00%	0.07%	163.45	204.31	
SCI	* 6085	COVI, M.	VIRGINIA SEA GRANT CLIMATE ADAPTATION AND RESILIENCE PROGRAM	300471-010		0.00%	26,118.33	0.00	26,118.33	0.00%	0.00%	-	-	
SCI	6085	COVI, M.	REFINING AND MARKETING THE RAFT (RESILIENCE ADAPTATION FEASIBILITY TOOL)	300468-010		26.00%	(23.35)	(6.07)	(29.42)	26.00%	0.00%	(0.50)	(0.63)	
SCI	6085	COVI, M.	RAFT - RESILIENCE ADAPTATION FEASIBILITY TOOL: BLDG REG CAP FOR COASTAL RESIST	300469-010		5.00%	1,252.05	62.60	1,314.65	5.00%	0.00%	5.16	6.45	
SCI	6085	COVI, M.	GULF OF MEXICO SEA GRANT OIL SPILL OUTREACH PROGRAM	300484-010		26.00%	25,899.83	5,783.88	31,683.71	22.33%	0.19%	476.46	595.58	
SCI	6085	COVI, M.	THE RAFT (RESILIENCE ADAPTATION FEASIBILITY TOOL)	300512-010		0.00%	2,511.70	0.00	2,511.70	0.00%	0.00%	-	-	
SCI	6085	COVI, M.	PREPARING NORFOLK AREA STUDENTS FOR AMERICA'S SECOND HIGHEST SEA LEVEL RISE	400317-010		26.00%	5,114.81	1,329.85	6,444.66	26.00%	0.04%	109.55	136.94	
SCI	6085	COVI, M.	MARACOOS SUPPORT	400379-010		32.00%	3,187.56	1,020.02	4,207.58	32.00%	0.03%	84.03	105.03	
SCI	6085	CUTTER, G.	NSF GEOTRACES ARCTIC SECTION	100484-010		53.00%	587.01	311.12	898.13	53.00%	0.01%	25.63	32.04	
SCI	6085	CUTTER, G.	COLLABORATIVE RESEARCH: MANAGEMENT AND IMPLEMENTATION OF US GEOTRACES	100649-010		55.00%	174,053.57	95,729.46	269,783.03	55.00%	3.16%	7,886.01	9,857.51	
SCI	6085	CUTTER, G.	US GEOTRACES PMT: HYDROGEN SULFIDE AS A STRONG LIGAND AFFECTING TRACE	100677-010		55.00%	18,432.81	10,138.06	28,570.87	55.00%	0.33%	835.15	1,043.94	
SCI	6085	CUTTER, G.	2019 SF BAY SELENIUM INTERCALIBRATION	400400-010		55.00%	2,400.67	1,320.38	3,721.05	55.00%	0.04%	108.77	135.96	
SCI	* 6085	FILIPPINO, K.	REU SITE: AN INTERDISCIPLINARY PROGRAM AT ODU FOR STUDY OF MET	100655-010		55.00%	18,300.24	2,949.93	21,250.17	16.12%	0.10%	243.01	303.76	
SCI	* 6085	GEORGEN, J.	NSF GOOGLE EARTH FOR EDUCATION	100252-010		53.00%	29,560.25	13,839.36	43,399.61	46.82%	0.46%	1,140.06	1,425.07	
SCI	6085	GEORGEN, J.	HOW IMPORTANT WERE MID-OCEAN RIDGE PROCESSES IN THE FORMATION OF SHATSKY RISE	100651-010		55.00%	450.45	247.75	698.20	55.00%	0.01%	20.41	25.51	
SCI	6085	HALE, R.	A METHOD FOR DETERMINING BATHYMETRIC CHANGE FROM SYNTHETIC APERTURE RADAR	100527-025		0.00%	420.00	0.00	420.00	0.00%	0.00%	-	-	
SCI	6085	HALE, R.	HYDRODYNAMICS AND SEDIMENT DYNAMICS OF THE LOWER JAMES RIVER	200286-010		25.00%	38,304.77	7,428.70	45,733.47	19.39%	0.25%	611.96	764.95	
SCI	* 6085	HARVEY, H.	REU SITE: AN INTERDISCIPLINARY PROGRAM AT ODU FOR STUDY OF MET	100655-010		55.00%	18,300.24	2,949.93	21,250.17	16.12%	0.10%	243.01	303.76	
SCI	6085	HARVEY, R.	PROTEINS AS FUNCTIONAL BIOMARKERS: ORGANIC CHARACTERIZATION WITH PROTEOMICS	100615-010		55.00%	40,311.20	21,445.16	61,756.36	53.20%	0.71%	1,766.61	2,208.26	
SCI	* 6085	HILL, V	QUANTIF BLUE CARBON BURIAL IN SEAGRASS ECOSYS & IMPACT PROJECTED CLIMATE CHANGE	100656-010		55.00%	15,311.85	8,421.52	23,733.37	55.00%	0.28%	693.75	867.19	
SCI	* 6085	HILL, V	CAN SEAGRASS BEDS MITIGATE OCEAN ACIDIFICATION THRESHOLDS FOR EASTERN OYSTERS	300498-010		55.00%	13,140.34	7,227.19	20,367.53	55.00%	0.24%	595.36	744.20	
SCI	6085	HILL, V.	COLLAB RES: WARMING AND IRRADIANCE MEASUREMENT BUOY: ASSESS ROLE OF SOLAR ENERGY	100604-010		55.00%	34,954.74	9,756.27	44,711.01	27.91%	0.32%	803.70	1,004.63	
SCI	6085	JONES, C.	VA F-126-R-16 SUPPORT OF FACILITIES TO PROVIDE FINFISH AGEING	200283-010		25.00%	108,518.99	27,129.76	135,648.75	25.00%	0.90%	2,234.90	2,793.62	
SCI	6085	MULHOLLAND, M.	PREDICTIVE UNDERSTANDING COCHLONIDIUM & ALEXANDRIUM BLOOMS LOWER CHESAPEAKE BAY	100735-010		55.00%	44,970.39	22,971.53	67,941.92	51.08%	0.76%	1,892.35	2,365.44	
SCI	6085	MULHOLLAND, M.	LOWER JAMES RIVER ESTUARY PROJECT - EXTENSION	200275-010		10.00%	58,729.02	5,872.91	64,601.93	10.00%	0.19%	483.80	604.75	
SCI	* 6085	MULHOLLAND, M.	CYNATE IN THE SEA	100512-020		53.00%	278.58	147.65	426.23	53.00%	0.00%	12.16	15.20	
SCI	6085	SCHMIDT, M.	RECONSTRUCTING MEAN STATE & ENSO VARIABILITY EASTERN EQUATORIAL PACIFIC	100679-010		55.00%	43,484.56	23,916.51	67,401.07	55.00%	0.79%	1,970.20	2,462.74	
SCI	6085	SCHMIDT, M.	ATMOSPHERIC CO2 AND THE RELATIONSHIP TO MILLENNIAL CHANGES	100712-010		55.00%	10,982.86	6,040.57	17,023.43	55.00%	0.20%	497.61	622.01	
SCI	6085	SEDWICK, P.	NSF IRON DISTRIBUTION ROSS SEA	100563-010		55.00%	40,930.41	22,511.72	63,442.13	55.00%	0.74%	1,854.47	2,318.09	
SCI	6085	SEDWICK, P.	USING TIME-SERIES FIELD OBSERVATIONS TO CONSTRAIN AN OCEAN IRON MODEL	100742-010		55.00%	21,760.53	11,968.28	33,728.81	55.00%	0.40%	985.92	1,232.40	
SCI	* 6085	WHITTECAR, G.	NOYCE STEM TEACHER ACTIVE RECRUITMENT (ON STAR)	100802-010		55.00%	3,728.23	2,050.53	5,778.76	55.00%	0.07%	168.92	211.15	
SCI	* 6085	WHITTECAR, G.	KNOWLEDGE THROUGH EXPERIENCE FOR YOUTH IN SCIENCE	200188-040		8.00%	(470.48)	(0.47)	(470.95)	0.10%	0.00%	(0.04)	(0.05)	
SCI	6085	WHITTECAR, G.	"VT WETLAND WATER BUDGET MOD8	300041-010		35.00%	1,538.91	538.62	2,077.53	35.00%	0.02%	44.37	55.46	
SCI	6085	WHITTECAR, G.	WEANACK QUARTERLY SAMPLING	500318-010		26.00%	3,213.46	835.49	4,048.95	26.00%	0.03%	68.83	86.03	
SCI	* 6085	ZIMMERMAN, R.	COLLAB RES: TOWARD IMPROVED UNDERSTANDING BLUE CARBON: SEAGRASSES SEQUESTER CO2	100608-010		55.00%	37,570.36	17,514.67	55,085.03	46.62%	0.58%	1,442.82	1,803.53	
SCI	* 6085	ZIMMERMAN, R.	QUANTIF BLUE CARBON BURIAL IN SEAGRASS ECOSYS & IMPACT PROJECTED CLIMATE CHANGE	100656-010		55.00%	15,775.85	8,676.72	24,452.56	55.00%	0.29%	714.77	893.46	
SCI	* 6085	ZIMMERMAN, R.	CAN SEAGRASS BEDS MITIGATE OCEAN ACIDIFICATION THRESHOLDS FOR EASTERN OYSTERS	300498-010		55.00%	13,140.34	7,227.19	20,367.53	55.00%	0.24%	595.36	744.20	
	* Department Total:							1,061,273.30	423,706.30	1,484,979.60		14.00%	34,904.10	43,630.08

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College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation	
		(See note)										249,345.24	311,681.55	
	Center for Coastal Physical Oceanography													
SCI	6086	ATKINSON, L.	MID-ATLANTIC REGIONAL ASSOCIATION COASTAL OCEAN OBSERVING SYSTEM YR2	300385-020		55.00%	61,839.41	34,011.67	95,851.08	55.00%	1.12%	2,801.81	3,502.27	
SCI	6086	ATKINSON, L.	OOFB CHAIR SUPPORT	300451-010		55.00%	7,546.41	4,150.53	11,696.94	55.00%	0.14%	341.91	427.39	
SCI	* 6086	DINNIMAN, M.	COLLAB RESEARCH: IMPACT OF OCEANIC FORCING ON ANTARCTIC PENINSULA GLACIERS	100598-010		55.00%	7,696.84	4,233.26	11,930.10	55.00%	0.14%	348.73	435.91	
SCI	* 6086	DINNIMAN, M.	PRODUCTIVITY IN PLYNAS AND THE WESTERN ANTARCTIC PENINSULA	100686-010		55.00%	7,199.41	3,959.68	11,159.08	55.00%	0.13%	326.19	407.74	
SCI	* 6086	DINNIMAN, M.	PHYSICAL MECHANISIMS DRIVING FOOD WEB FOCUSING IN ANTARTIC BIOLOGIC HOTSPOTS	100747-010		55.00%	4,280.02	2,354.01	6,634.03	55.00%	0.08%	193.92	242.40	
SCI	* 6086	HOFMANN, E.	PRODUCTIVITY IN PLYNAS AND THE WESTERN ANTARCTIC PENINSULA	100686-010		55.00%	7,199.41	3,959.68	11,159.08	55.00%	0.13%	326.19	407.74	
SCI	6086	HOFMANN, E.	PREDICTIVE UNDERSTANDING COCHLONDIUM & ALEXANDRIUM BLOOMS LOWER CHESAPEAKE BAY	100735-011		55.00%	7,683.49	4,225.93	11,909.42	55.00%	0.14%	348.12	435.15	
SCI	* 6086	HOFMANN, E.	LOWER JAMES RIVER ESTUARY PROJECT: SURFACE CHLOROPHYLL A DISTRIBUTIONS	200249-011		10.00%	1,196.20	119.70	1,315.90	10.01%	0.00%	9.86	12.33	
SCI	* 6086	HOFMANN, E.	LOWER JAMES RIVER ESTUARY PROJECT- EXTENSION	200275-011		10.00%	8,034.02	803.41	8,837.42	10.00%	0.03%	66.18	82.73	
SCI	6086	HOFMANN, E.	*PSU SYNERGISTIC POP GROWTH	300279-010		53.00%	9,747.93	5,166.40	14,914.33	53.00%	0.17%	425.60	532.00	
SCI	6086	HOFMANN, E.	CONSORT OIL SPILL EXPO PATHWAY COASTAL	300322-010		53.00%	13,681.39	7,251.14	20,932.53	53.00%	0.24%	597.33	746.67	
SCI	6086	HOFMANN, E.	PREDICTED IMPACTS OF CLIMATE CHANGE ON ALT. MGT. ACTIONS IN CHESAPEAKE BAY	300399-010		55.00%	11,235.46	6,179.50	17,414.96	55.00%	0.20%	509.06	636.32	
SCI	6086	HOFMANN, E.	ADVANCED UNDERSTANDING OF THE BAY WATERSHED PROGRAM	400355-010		0.00%	104.65	0.00	104.65	0.00%	0.00%	-	-	
SCI	6086	HOFMANN, E.	PROMOTING MARINE SCIENCE & BAY WATERSHED EDUCAT. THROUGH BOY SCOUT MERIT BADGE	400356-010		0.00%	2,362.50	0.00	2,362.50	0.00%	0.00%	-	-	
SCI	6086	KLINCK, J.	COLLAB RES: EFFECT ON INTERNAL CLIMATE VARIABILITY ON SEA LEVEL IN INDIAN OCEAN	100577-010		55.00%	14,154.63	7,785.05	21,939.68	55.00%	0.26%	641.32	801.65	
SCI	6086	KLINCK, J.	UNDERSTANDING SEA LEVEL OVER LAST CENTURY: WHAT DO WE REALLY KNOW	100589-010		55.00%	18,457.71	5,532.85	23,990.56	29.98%	0.18%	455.79	569.73	
SCI	* 6086	KLINCK, J.	COLLAB RESEARCH: IMPACT OF OCEANIC FORCING ON ANTARCTIC PENINSULA GLACIERS	100598-010		55.00%	7,696.84	4,233.26	11,930.10	55.00%	0.14%	348.73	435.91	
SCI	6086	KLINCK, J.	ROLE OF DECADEAL CLIMATE VARIABILITY IN GLOBAL AND REGIONAL SEA LEVEL CHANGE	100657-010		55.00%	15,330.07	8,431.54	23,761.61	55.00%	0.28%	694.57	868.22	
SCI	6086	KLINCK, J.	CIRCUM-ANTARCTIC OCEAN/SEA ICE/ICE SHELF MODEL CONFIGURATION AND TESTING	100660-010		55.00%	8,606.55	4,733.61	13,340.16	55.00%	0.16%	389.95	487.43	
SCI	6086	KLINCK, J.	IDENTIFYING, QUANTIFYING, AND PROJECTING DECADEAL SEA LEVEL CHANGE	100687-010		55.00%	31,352.66	17,259.70	48,612.36	55.05%	0.57%	1,421.82	1,777.28	
SCI	* 6086	KLINCK, J.	PHYSICAL MECHANISIMS DRIVING FOOD WEB FOCUSING IN ANTARTIC BIOLOGIC HOTSPOTS	100747-010		55.00%	4,280.02	2,354.01	6,634.03	55.00%	0.08%	193.92	242.40	
SCI	* 6086	KLINCK, J.	LOWER JAMES RIVER ESTUARY PROJECT- EXTENSION	200275-011		10.00%	5,356.01	535.60	5,891.62	10.00%	0.02%	44.12	55.15	
	* Department Total:							255,041.60	127,280.52	382,322.12		4.21%	10,485.12	13,106.42

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College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
	*	(See note)										249,345.24	311,681.55
	Psychology												
SCI	* 6087	BARRACO, C.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	1,295.84	712.71	2,008.56	55.00%	0.02%	58.71	73.39
SCI	6087	BLISS, J.	AUGMENTED REALITY USER INTERFACES FOR TACTICAL DRONES	500329-010		55.00%	5,074.61	2,791.04	7,865.65	55.00%	0.09%	229.92	287.40
SCI	* 6087	BLISS, J.	AN EXAMINATION OF TRUST EXHIBITED BY MEMBERS OF DIFFERENT CULTURES TOWARD	100521-010		26.00%	(1,661.39)	(431.96)	(2,093.36)	26.00%	-0.01%	(35.58)	(44.48)
SCI	6087	BRAITMAN, A.	REFINING BOOSTERS TO STRENGTHEN ONLINE COLLEGE STUDENT DRINKING INTERVENTIONS	100626-010		8.00%	63,533.87	5,082.70	68,616.57	8.00%	0.17%	418.70	523.38
SCI	* 6087	BRAITMAN, A.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	1,295.84	712.71	2,008.56	55.00%	0.02%	58.71	73.39
SCI	* 6087	BRAITMAN, A.	EXAMINING BINGE EATING IN DAILY LIFE: WORKING TOWARD REDUCING DISPARITIES	100798-010		55.00%	5,089.17	2,799.04	7,888.21	55.00%	0.09%	230.58	288.22
SCI	6087	CHEN, J.	HUMAN IN THE LOOP:SAFETY FOR SEMI-AUTONOMOUS DRIVING SYSTEMS IN EMERGENCY	100690-010		55.00%	17,821.54	9,801.85	27,623.39	55.00%	0.32%	807.46	1,009.32
SCI	6087	CIGULAROV, K.	ODU 4-VA FUNDING	300508-010		0.00%	2,500.00	0.00	2,500.00	0.00%	0.00%	-	-
SCI	* 6087	CIGULAROV, K.	OPPORTUNITIES IN MANF OF ADV MATERIALS SECOND CAREER SEEKING STUDENTS	100738-010		55.00%	14,636.46	2,545.80	17,182.26	17.39%	0.08%	209.72	262.15
SCI	* 6087	HENSON, M.	NIH EFFICACY AND MECHANISMS	100551-010		53.00%	49,495.42	9,623.68	59,119.10	19.44%	0.32%	792.78	990.98
SCI	* 6087	HERON, K .	NIH EFFICACY AND MECHANISMS	100551-010		53.00%	2,749.75	534.65	3,284.39	19.44%	0.02%	44.04	55.05
SCI	* 6087	HERON, K.	EXAMINING BINGE EATING IN DAILY LIFE: WORKING TOWARD REDUCING DISPARITIES	100798-010		55.00%	20,356.67	11,196.17	31,552.85	55.00%	0.37%	922.32	1,152.90
SCI	* 6087	HERON, K.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	4,628.01	2,545.41	7,173.42	55.00%	0.08%	209.69	262.11
SCI	6087	HU, X.	INFLUENCE CULTURE ON RELATIONSHIP BETWEEN EE SUBJ WELL-BEING AND JOB PERFORMANCE	400353-010		0.00%	1,204.74	0.00	1,204.74	0.00%	0.00%	-	-
SCI	* 6087	HU, X.	AN EXAMINATION OF TRUST EXHIBITED BY MEMBERS OF DIFFERENT CULTURES TOWARD	100521-010		26.00%	(1,661.39)	(431.96)	(2,093.36)	26.00%	-0.01%	(35.58)	(44.48)
SCI	6087	JUDAH, M	APAGS STUDENT DIVERSITY INITIATIVE AWARD	400396-010		0.00%	2,743.58	0.00	2,743.58	0.00%	0.00%	-	-
SCI	* 6087	JUDAH, M.	IMPLEMENTING A SOCIAL-ECOLOGICAL SUICIDE PREVENTION PROGRAM (SESPP) AT ODU	100726-010		32.00%	7,549.90	2,415.97	9,965.87	32.00%	0.08%	199.02	248.78
SCI	* 6087	KELLEY, M.	NIH EFFICACY AND MECHANISMS	100551-010		53.00%	2,749.75	534.65	3,284.39	19.44%	0.02%	44.04	55.05
SCI	* 6087	KELLEY, M.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	740.48	407.27	1,147.75	55.00%	0.01%	33.55	41.94
SCI	* 6087	LEWIS, R.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	9,256.03	5,090.82	14,346.84	55.00%	0.17%	419.37	524.21
SCI	* 6087	LEWIS, R.	EXAMINING BINGE EATING IN DAILY LIFE: WORKING TOWARD REDUCING DISPARITIES	100798-010		55.00%	8,481.95	4,665.07	13,147.02	55.00%	0.15%	384.30	480.37
SCI	6087	MAJOR, D.	I AM AN ENGINEER	100570-010		53.00%	1,663.31	881.56	2,544.87	53.00%	0.03%	72.62	90.78
SCI	* 6087	MAJOR, D.	INVESTIGATING THE EFFECTIVENESS OF PAIR PROGRAMMING FOR STUDENTS	100673-010		55.00%	4,961.81	1,516.03	6,477.83	30.55%	0.05%	124.89	156.11
SCI	6087	PAULSON, J.	Utilizing Online Technology Improve Provider-Patient Communication	300489-010		55.00%	4,470.29	2,458.66	6,928.95	55.00%	0.08%	202.54	253.17
SCI	* 6087	WINSTEAD, B.	ALCOHOL USE, RELATIONSHIP FACTORS, MINORITY STRESS, PSYCHOLOGICAL WELL-BEING	100619-010		55.00%	1,295.84	712.71	2,008.56	55.00%	0.02%	58.71	73.39
SCI	* 6087	YAMANI, Y.	AN EXAMINATION OF TRUST EXHIBITED BY MEMBERS OF DIFFERENT CULTURES TOWARD	100521-010		26.00%	(1,661.39)	(431.96)	(2,093.36)	26.00%	-0.01%	(35.58)	(44.48)
SCI	* 6087	YAMANI, Y.	CONTINUING TO INCREASE OCCUPANT PROTECTION IN VIRGINIA	200281-010		26.00%	18,554.71	4,824.22	23,378.93	26.00%	0.16%	397.41	496.76
		* Department Total:					247,165.38	70,556.85	317,722.22		2.33%	5,812.34	7,265.41

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College	Department	Principal Investigator	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation	Department Allocation
		(See note)										249,345.24	311,681.55
	Physics												
SCI	* 6090	AMARYAN, M.	QUARKS TO NUCLEI	100388-150		55.00%	48,979.03	24,625.82	73,604.85	50.28%	0.81%	2,028.63	2,535.78
SCI	* 6090	AMARYAN, M.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	* 6090	AMARYAN, M.	MRI CONSORTIUM: DEVELOPMENT OF A NEUTRAL PARTICLE SPECTROMETER	300348-010		53.00%	326.50	173.05	499.55	53.00%	0.01%	14.26	17.82
SCI	* 6090	ARETI, H.	REU SITE: ACCELERATOR AND NUCLEAR PHYSICS	100652-010		55.00%	11,543.91	0.00	11,543.91	0.00%	0.00%	-	-
SCI	* 6090	BALITSKY, I.	DOE THRY NUCLEAR PHYSICS	100392-030		53.00%	15,785.78	7,949.49	23,735.27	50.36%	0.26%	654.86	818.58
SCI	6090	BRICENO, R.	DOE LATTICE QCD	300510-010		55.00%	5,545.53	3,050.04	8,595.57	55.00%	0.10%	251.26	314.07
SCI	* 6090	BUELTMANN, S.	QUARKS TO NUCLEI	100388-150		55.00%	43,216.79	21,728.66	64,945.45	50.28%	0.72%	1,789.96	2,237.46
SCI	* 6090	BUELTMANN, S.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	* 6090	BUELTMANN, S.	REU SITE: ACCELERATOR AND NUCLEAR PHYSICS	100652-010		55.00%	9,894.78	0.00	9,894.78	0.00%	0.00%	-	-
SCI	* 6090	CIOVATI, G.	MAGNETIC FIELD MAPPING OF VORTEX HOTSPOTS AND IDENTIFYING THE SOURCE OF LOSSES	100614-010		26.00%	8,110.94	1,606.55	9,717.49	19.81%	0.05%	132.34	165.43
SCI	* 6090	DE SILVA, P.	CRAB CAVITY OPERATION IN A HADRON RING	100711-010		26.00%	5,268.50	1,369.81	6,638.31	26.00%	0.05%	112.84	141.05
SCI	* 6090	DELAYEN, J.	INVESTIGATION OF NEW SUPERCONDUCTING MATERIALS FOR THE NEXT GENERATION	100387-020		26.00%	61,969.78	6,490.00	68,459.78	10.47%	0.21%	534.63	668.29
SCI	* 6090	DELAYEN, J.	NSF EXPERIMENTAL AND THEORETICAL	100492-010		53.00%	24,703.62	7,526.17	32,229.79	30.47%	0.25%	619.99	774.99
SCI	6090	DELAYEN, J.	HL- LHC ACCELERATOR UPGRADE FY18	100703-010		26.00%	62,593.36	10,555.42	73,148.78	16.86%	0.35%	869.53	1,086.92
SCI	6090	DELAYEN, J.	PRELIM NOVEL SUPERCONDUCTORS	100727-010		26.00%	4,558.61	1,185.22	5,743.83	26.00%	0.04%	97.64	122.05
SCI	6090	DELAYEN, J.	INVESTIGATION AND OPTIMIZATION OF A PROOF-OF-PRINCIPLE 952 MHZ CRABBING CAVITY	400343-010		55.00%	109,739.20	21,695.28	131,434.48	19.77%	0.72%	1,787.21	2,234.02
SCI	* 6090	DELAYEN, J.	MAGNETIC FIELD MAPPING OF VORTEX HOTSPOTS AND IDENTIFYING THE SOURCE OF LOSSES	100614-010		26.00%	6,083.21	1,204.91	7,288.12	19.81%	0.04%	99.26	124.07
SCI	* 6090	DELAYEN, J.	CRAB CAVITY OPERATION IN A HADRON RING	100711-010		26.00%	15,805.49	4,109.43	19,914.92	26.00%	0.14%	338.53	423.16
SCI	* 6090	DELAYEN, J.	INVESTIGATION OF THE EFFECT OF STRONG CURRENTS ON SUPERCONDUCTING PROPERTIES	300442-010		55.00%	14,083.39	6,843.92	20,927.31	48.60%	0.23%	563.79	704.74
SCI	* 6090	DODGE, G.	QUARKS TO NUCLEI	100388-150		55.00%	48,979.03	24,625.82	73,604.85	50.28%	0.81%	2,028.63	2,535.78
SCI	* 6090	DODGE, G.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	* 6090	DODGE, G.	REU SITE: ACCELERATOR AND NUCLEAR PHYSICS	100652-010		55.00%	11,543.91	0.00	11,543.91	0.00%	0.00%	-	-
SCI	* 6090	GODUNOV, A.	INNOVATIVE GPU-OPTIMIZED MULTISCALE CODE FOR HIGH FIDELITY SIMULATION	100554-010		53.00%	6,329.95	3,285.47	9,615.42	51.90%	0.11%	270.65	338.31
SCI	* 6090	GUREVICH, A.	INVESTIGATION OF NEW SUPERCONDUCTING MATERIALS FOR THE NEXT GENERATION	100387-020		26.00%	61,969.78	6,490.00	68,459.78	10.47%	0.21%	534.63	668.29
SCI	* 6090	GUREVICH, A.	NSF EXPERIMENTAL AND THEORETICAL	100492-010		53.00%	24,703.62	7,526.17	32,229.79	30.47%	0.25%	619.99	774.99
SCI	6090	GUREVICH, A.	HBCU THEORETICAL INVESTIGATION OF WAYS TO WEAKEN PAIRBREAKING FLUCTUATIONS	100668-010		55.00%	6,095.85	3,352.72	9,448.57	55.00%	0.11%	276.19	345.24
SCI	* 6090	GUREVICH, A.	MAGNETIC FIELD MAPPING OF VORTEX HOTSPOTS AND IDENTIFYING THE SOURCE OF LOSSES	100614-010		26.00%	6,083.21	1,204.91	7,288.12	19.81%	0.04%	99.26	124.07
SCI	* 6090	GUREVICH, A.	INVESTIGATION OF THE EFFECT OF STRONG CURRENTS ON SUPERCONDUCTING PROPERTIES	300442-010		55.00%	14,083.39	6,843.92	20,927.31	48.60%	0.23%	563.79	704.74
SCI	6090	HAVEY, M.	SINGLE-PHOTON SUBRADIANCE, SUPERRADIANCE, & EMERGENT COOPERATIVITY	100602-010		55.00%	48,664.91	23,241.30	71,906.21	47.76%	0.77%	1,914.57	2,393.22
SCI	* 6090	HE, J.	NIH NIGMS ELECTRON MICROSCOPY	100532-010		55.00%	3,934.57	2,164.01	6,098.58	55.00%	0.07%	178.27	222.83
SCI	* 6090	HYDE, C.	QUARKS TO NUCLEI	100388-150		55.00%	48,979.03	24,625.82	73,604.85	50.28%	0.81%	2,028.63	2,535.78
SCI	* 6090	HYDE, C.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	6090	HYDE, C.	EIC BACKGROUND STUDIES AND THE IMPACT ON THE IR AND DETECTOR DESIGN	100697-010		26.00%	12,168.40	3,163.78	15,332.18	26.00%	0.10%	260.63	325.78
SCI	6090	HYDE, C.	JSA FACULTY SALARIES	400347-010		0.00%	320,290.12	0.00	320,290.12	0.00%	0.00%	-	-
SCI	* 6090	HYDE, C.	MRI CONSORTIUM: DEVELOPMENT OF A NEUTRAL PARTICLE SPECTROMETER	300348-010		53.00%	326.50	173.05	499.55	53.00%	0.01%	14.26	17.82
SCI	* 6090	HYDE, C.	JSA PHYSICS GRA SUPPORT FY18	400346-010		0.00%	130,913.56	0.00	130,913.56	0.00%	0.00%	-	-
SCI	6090	KRAFFT, G.	INNOVATIVE HIGH ENERGY	100722-010		26.00%	10,392.66	2,702.11	13,094.77	26.00%	0.09%	222.59	278.24
SCI	6090	KRAFFT, G.	APS STUDENT TRAVEL SUPPORT FOR 2017 INTL PARTICLE ACCEL CONF	400320-010		0.00%	15,800.64	0.00	15,800.64	0.00%	0.00%	-	-
SCI	* 6090	KUHN, S.	QUARKS TO NUCLEI	100388-150		55.00%	48,979.03	24,625.82	73,604.85	50.28%	0.81%	2,028.63	2,535.78
SCI	* 6090	KUHN, S.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	* 6090	RADYUSHKIN, A.	DOE THRY NUCLEAR PHYSICS	100392-030		53.00%	15,785.78	7,949.49	23,735.27	50.36%	0.26%	654.86	818.58
SCI	6090	ROGERS, TED	FUNDAMENTAL QCD THEORY AND TRANSVERSE MOMENTUM DEPENDENT PHYSICS	300444-010		55.00%	61,263.89	33,402.54	94,666.43	54.52%	1.10%	2,751.64	3,439.54
SCI	* 6090	SCHIAVILLA, R.	DOE THRY NUCLEAR PHYSICS	100392-030		53.00%	15,785.78	7,949.49	23,735.27	50.36%	0.26%	654.86	818.58
SCI	* 6090	STEPANYAN, S.	QUARKS SUPPLEMENT	100388-151		26.00%	32,622.10	8,481.75	41,103.85	26.00%	0.28%	698.71	873.39
SCI	* 6090	TERZIC, B.	INNOVATIVE GPU-OPTIMIZED MULTISCALE CODE FOR HIGH FIDELITY SIMULATION	100554-010		53.00%	6,329.95	3,285.47	9,615.42	51.90%	0.11%	270.65	338.31
SCI	* 6090	TERZIC, B.	ODU BUILDING LEADERS FOR ADVANCING SCIENCE AND TECHNOLOGY 2019	300030-014		0.00%	1,250.95	0.00	1,250.95	0.00%	0.00%	-	-
SCI	* 6090	VAN ORDEN, J.	DOE THRY NUCLEAR PHYSICS	100392-030		53.00%	15,785.78	7,949.49	23,735.27	50.36%	0.26%	654.86	818.58
SCI	6090	VUSKOVIC, L.	PLASMA PROCESSING OF SRF CAVITIES NEXT GEN PARTICLE ACCELERATORS	100355-010		53.00%	32,730.85	17,347.35	50,078.20	53.00%	0.57%	1,429.04	1,786.30
SCI	* 6090	WEINSTEIN, L.	QUARKS TO NUCLEI	100388-150		55.00%	48,979.03	24,625.82	73,604.85	50.28%	0.81%	2,028.63	2,535.78
SCI	* 6090	WEINSTEIN, L.	QUARKS SUPPLEMENT	100388-151		26.00%	2,330.15	605.84	2,935.99	26.00%	0.02%	49.91	62.38
SCI	6090	WEINSTEIN, L.	JSA FELLOW KHACHATRYAN	400374-010		0.00%	5,789.45	0.00	5,789.45	0.00%	0.00%	-	-
		* Department Total:					1,518,750.99	368,765.09	1,887,516.07		12.18%	30,378.16	37,972.64

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55	
	Computer Science													
SCI	* 6093	CHERNIKOV, A.	NSF NOVEL FRAMEWORK FOR DEVELOP	100483-010		53.00%	11,078.52	5,871.62	16,950.14	53.00%	0.19%	483.69	604.62	
SCI	6093	CHERNIKOV, A.	NIA_PARALLEL ANISOTROPIC MESH GENERATION	400303-020		55.00%	17,686.60	1,001.80	18,688.40	5.66%	0.03%	82.53	103.16	
SCI	6093	CHRISOCHOIDES, N.	NASA EXTREME SCALE PARALLEL MESH	100558-010		55.00%	20,028.13	11,015.48	31,043.61	55.00%	0.36%	907.43	1,134.29	
SCI	6093	CHRISOCHOIDES, N.	NEXT GEN IMAGING	400406-010		0.00%	9,293.10	0.00	9,293.10	0.00%	0.00%	-	-	
SCI	* 6093	CHRISOCHOIDES, N.	NSF NOVEL FRAMEWORK FOR DEVELOP	100483-010		53.00%	21,505.37	11,397.84	32,903.21	53.00%	0.38%	938.93	1,173.66	
SCI	* 6093	GUPTA, A.	IMPROVING INTEGRATED BEHAVIORAL HEALTH CARE TRAINING - YEAR 2	100689-020		8.00%	16,866.35	464.26	17,330.61	2.75%	0.02%	38.24	47.81	
SCI	6093	MALY, K.	ACHARYA INSTITUTE OF TECHNOLOGY - SUMMER RESEARCH WORKSHOP	600202-010		0.00%	1,144.98	0.00	1,144.98	0.00%	0.00%	-	-	
SCI	* 6093	RANJAN, D.	INNOVATIVE GPU-OPTIMIZED MULTISCALE CODE FOR HIGH FIDELITY SIMULATION	100554-010		53.00%	6,329.95	3,285.47	9,615.42	51.90%	0.11%	270.65	338.31	
SCI	* 6093	RANJAN, D.	MARC UNDERGRADUATE STUDENT TRAINING IN ACADEMIC RESEARCH PROGRAM AT ODU	100718-010		8.00%	25,989.61	877.85	26,867.46	3.38%	0.03%	72.32	90.39	
SCI	* 6093	RANJAN, D.	MARC UNDERGRADUATE STUDENT TRAINING IN ACADEMIC RESEARCH PROGRAM AT ODU	100718-020		8.00%	10,653.92	561.52	11,215.43	5.27%	0.02%	46.26	57.82	
SCI	6093	WANG, C.	SHF SOFTWARE AND HARDWARE ARCHIT DEEP LEARNING ON MOBILE DEVICE	100801-010		55.00%	1,448.50	796.68	2,245.18	55.00%	0.03%	65.63	82.04	
SCI	* 6093	WEIGLE, M.	IMLS COBINING SOCIAL MEDIA STORYTELLING WITH WEB ARCHIVES	100519-010		53.00%	3,864.17	2,048.01	5,912.18	53.00%	0.07%	168.71	210.89	
SCI	* 6093	WEIGLE, M.	NSF INCREASING THE VALUE	100552-010		53.00%	26,940.71	10,741.42	37,682.12	39.87%	0.35%	884.86	1,106.07	
SCI	* 6093	WEIGLE, M.	VISUALIZING WEBPAGE CHANGES OVER TIME	100676-010		55.00%	5,255.04	2,890.26	8,145.30	55.00%	0.10%	238.09	297.62	
SCI	* 6093	WEIGLE, M.	ODU/MELLON FOUNDATION TOWARDS A WEB CENTRIC APPROACH	300380-010		0.00%	46,372.02	0.00	46,372.02	0.00%	0.00%	-	-	
SCI	6093	WU, J.	SUPPORT OF SCHOLARLY BIG DATA	300491-010		55.00%	3,506.68	1,928.68	5,435.36	55.00%	0.06%	158.88	198.60	
SCI	* 6093	ZUBAIR, M.	INNOVATIVE GPU-OPTIMIZED MULTISCALE CODE FOR HIGH FIDELITY SIMULATION	100554-010		53.00%	6,329.95	3,285.47	9,615.42	51.90%	0.11%	270.65	338.31	
SCI	6093	ZUBAIR, M.	CBP DATA MANAGEMENT FY18	300437-015		10.00%	5,499.73	550.67	6,050.40	10.01%	0.02%	45.36	56.70	
SCI	6093	ZUBAIR, M.	CBP DATA MANAGEMENT FY19	300476-015		10.00%	14,494.52	1,449.45	15,943.97	10.00%	0.05%	119.40	149.25	
SCI	6093	ZUBAIR, M.	DESIGN AMD IMPL SCALBLE OPT KERNELS	500268-004		26.00%	40,507.69	10,532.01	51,039.70	26.00%	0.35%	867.61	1,084.51	
	* Department Total:							294,795.52	68,698.48	363,494.00		2.27%	5,659.24	7,074.05
** College Total							\$ 5,742,024.19	\$ 1,712,737.03	\$ 7,454,761.22		56.58%	\$ 141,091.96	\$ 176,364.82	

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST REPORT - IDC AD HOC REPORT
SIX MONTHS ENDED JUNE 30, 2019

College	Department	Principal Investigator (See note)	Agency Title or Reference	Project #	Dept #	IDC RATE	DIRECT COSTS	INDIRECT COSTS	TOTAL COSTS	Effective Indirect Rate	Allocation Percentage	Faculty Allocation 249,345.24	Department Allocation 311,681.55
Other University Units													
Graduate School													
UNIV-OTHER	* 9200	PORTER, B.	CONTINUING TO INCREASE OCCUPANT PROTECTION IN VIRGINIA	200281-010		26.00%	18,554.71	4,824.22	23,378.93	26.00%	0.16%	397.41	496.76
UNIV-OTHER	* 9200	PORTER, B.	VIRGINIA SEAT BELT AND CORE SURVEYS 2019	200282-010		26.00%	17,537.14	4,559.66	22,096.80	26.00%	0.15%	375.62	469.52
		* Department Total:					36,091.85	9,383.88	45,475.73		0.31%	773.03	966.28
Institute for Innovation & Entrepreneurship													
UNIV-OTHER	9520	FILER, L.	WBC RENEWAL APP	100694-010		26.00%	(0.48)	0.00	(0.48)	0.00%	0.00%	-	-
UNIV-OTHER	9520	FILER, L.	OPTION YEAR WORKPLAN 2018-2019	100694-020		26.00%	50,522.03	18,912.01	69,434.04	37.43%	0.62%	1,557.93	1,947.42
UNIV-OTHER	* 9520	FILER, L.	FY 18 VBOC	100713-010		26.00%	54,938.44	14,284.00	69,222.43	26.00%	0.47%	1,176.69	1,470.86
UNIV-OTHER	9520	FILER, L.	VETERANS BUSINESS OUTREACH PROGRAM FY 20	100713-020		0.00%	27,046.93	0.00	27,046.93	0.00%	0.00%	-	-
UNIV-OTHER	9520	FILER, L.	DISTRESSED HRPAC FY19	200276-010		26.00%	55,021.19	14,305.50	69,326.69	26.00%	0.47%	1,178.46	1,473.07
UNIV-OTHER	9520	FILER, L.	NON-DISTRESSED HRPAC FY19	200276-011		26.00%	11,533.77	2,998.78	14,532.55	26.00%	0.10%	247.03	308.79
UNIV-OTHER	9520	FILER, L.	RURAL ENTREPRENEURIAL ECOSYSTEM DEVELOPMENT - FEDERAL	200280-010		0.00%	62,090.27	0.00	62,090.27	0.00%	0.00%	-	-
UNIV-OTHER	9520	FILER, L.	REGION 5 ECONOMIC GROWTH AND DIVERSIFICATION PLAN	400409-010		0.00%	17,146.69	0.00	17,146.69	0.00%	0.00%	-	-
UNIV-OTHER	9520	KASZUBOWSKI, M.	*SBA WOMENS BUSINESS CTR MOD7	100415-010		20.00%	(8,783.87)	(1,756.77)	(10,540.64)	20.00%	-0.06%	(144.72)	(180.90)
UNIV-OTHER	9520	KASZUBOWSKI, M.	HELPING CO TRANSITION FROM GOVT TO COMMERCIAL BUSINESS MODELS YR2	200204-020		0.00%	156,678.40	0.00	156,678.40	0.00%	0.00%	-	-
UNIV-OTHER	9520	KASZUBOWSKI, M.	VA REGIONAL COMPETITIVENESS PROJECT YR 3	300420-030		25.00%	8,873.36	2,218.34	11,091.70	25.00%	0.07%	182.74	228.43
UNIV-OTHER	* 9520	SAGESTER, C.	FY 18 VBOC	100713-010		26.00%	54,938.44	14,284.00	69,222.43	26.00%	0.47%	1,176.69	1,470.86
		* Department Total:					490,005.16	65,245.85	555,251.01		2.16%	5,374.82	6,718.53
Virginia Tidewater Consortium													
UNIV-OTHER	9602	DOTOLO, L.	SERVING THE EDUCATIONAL NEEDS OF ADULTS OF HAMPTON ROADS VIRGINIA	100618-010		8.00%	240,746.25	18,440.25	259,186.50	7.66%	0.61%	1,519.07	1,898.84
UNIV-OTHER	9602	DOTOLO, L.	OUT-OF-SCHOOL YOUTH PROGRAM (OPP INC) 2018-2019	400252-040		10.00%	58,541.09	4,014.08	62,555.17	6.86%	0.13%	330.67	413.34
		* Department Total:					299,287.34	22,454.33	321,741.67		0.74%	1,849.74	2,312.18
Other ODU Units													
UNIV-OTHER	* 9910	BADGER, N.	IMPLEMENTING A SOCIAL-ECOLOGICAL SUICIDE PREVENTION PROGRAM (SESPP) AT ODU	100726-010		32.00%	7,549.90	2,415.97	9,965.87	32.00%	0.08%	199.02	248.78
UNIV-OTHER	* 9910	DRAPER, D.	NON-LETHAL FIRES COURSE DEVELOPMENT	500390-010		65.00%	31,021.31	20,163.86	51,185.17	65.00%	0.67%	1,661.06	2,076.32
UNIV-OTHER	* 9910	FOWLER, G.	THE NEA BIG READ HAMPTON ROADS	400370-010		26.00%	630.13	163.83	793.96	26.00%	0.01%	13.50	16.87
UNIV-OTHER	* 9910	HOLLEY, A.	IMPLEMENTING A SOCIAL-ECOLOGICAL SUICIDE PREVENTION PROGRAM (SESPP) AT ODU	100726-010		32.00%	3,774.95	1,207.98	4,982.93	32.00%	0.04%	99.51	124.39
UNIV-OTHER	9910	HUCKLESS, M.	SELECTIVE ENFORCEMENT OCCUPANT PROTECTION	300350-030		0.00%	1,505.00	0.00	1,505.00	0.00%	0.00%	-	-
UNIV-OTHER	9910	HUCKLESS, M.	SELECTIVE ENFORCEMENT ALCOHOL	300459-010		0.00%	1,575.00	0.00	1,575.00	0.00%	0.00%	-	-
UNIV-OTHER	9910	LOVE, L.	ODU UPWARD BOUND	300434-010		8.00%	136,612.59	10,315.66	146,928.25	7.55%	0.34%	849.78	1,062.23
UNIV-OTHER	* 9910	MCLEOD, G.	MARSH HABITAT CLASSIFICATION SYNTHESIS FOR SOUTHERN COASTAL	100682-010		26.00%	365.52	95.03	460.55	26.00%	0.00%	7.83	9.79
UNIV-OTHER	* 9910	MCLEOD, G.	ODU BUILDING LEADERS FOR ADVANCING SCIENCE AND TECHNOLOGY 2019	300030-014		0.00%	1,250.95	0.00	1,250.95	0.00%	0.00%	-	-
UNIV-OTHER	* 9910	STEINHILBER, E.	BLUE MOON COLLABORATING COMMUNITY RESILIENCE	400276-010		15.00%	2,858.75	428.81	3,287.56	15.00%	0.01%	35.32	44.16
UNIV-OTHER	9910	STUDIVANT, P.	ODU/STUDENT SUPPORT SVC YR3	300051-080		8.00%	166,819.89	11,455.78	178,275.67	6.87%	0.38%	943.70	1,179.63
		* Department Total:					353,963.98	46,246.93	400,210.91		1.53%	3,809.72	4,762.17
** Total Other University Units							\$ 1,179,348.33	\$ 143,330.99	\$ 1,322,679.32		4.74%	\$ 11,807.31	\$ 14,759.16
Grand Total							\$ 12,746,684.03	\$ 3,026,841.24	\$ 15,773,525.27	100.00%	\$ 249,345.31	\$ 311,681.47	

* Note: Represents split reporting of project activity between PI and Co-PI's.

Section 2

Non-Traditional and Affiliated Allocations

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|------------|--|
| Schedule 1 | Summary of Non-Traditional and Affiliated Allocations - Direct and indirect cost recoveries and recovery rates for the six-month periods ended June 30, 2019 and prior fiscal year |
| Schedule 2 | Non-Traditional and Affiliated Allocation Method - Indirect Cost Allocations to centers, self-supporting research positions and other affiliated units for the six-month period ended June 30, 2019 |
| Schedule 3 | Non-Traditional and Affiliated Allocation Method - Detail Activity by center, department and affiliated unit showing the direct and indirect cost recoveries by project for the six-month period ended June 30, 2019 |

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

**SCHEDULE OF DIRECT AND INDIRECT COST RECOVERIES, AND RECOVERY RATES
SIX MONTH PERIODS ENDING 06/30/2019, 12/31/18 AND PRIOR FISCAL YEAR
SCHEDULE 1**

NON-TRADITIONAL ALLOCATION METHOD

PERIOD	1/1/2019 6/30/2019		7/1/2018 12/31/2018		TOTAL FY 19		TOTAL FY 18	
DIRECT COST RECOVERIES	\$ 7,824,315	85%	\$ 6,073,074	82%	\$ 13,897,389	83%	\$ 11,305,304	80%
INDIRECT COST RECOVERIES	1,427,105	15%	1,329,285	18%	2,756,390	17%	2,766,082	20%
TOTAL RECOVERIES	\$ 9,251,420	100%	\$ 7,402,359	100%	\$ 16,653,779	100%	\$ 14,071,386	100%
NON-TRADITIONAL ALLOCATION METHOD								
		% of Total IDC		% of Total IDC		% of Total IDC		% of Total IDC
INDIRECT COST RECOVERIES:								
ENTERPRISE CENTERS	\$ 1,324,309	93%	\$ 1,224,536	92%	\$ 2,548,845	92%	\$ 2,468,327	89%
SELF-SUPPORTING RESEARCH POSITIONS	-	0%	-	0%	-	0%	86,809	3%
OTHER AFFILIATED ACTIVITIES	102,796	7%	104,749	8%	207,545	8%	210,945	8%
TOTAL INDIRECT COST RECOVERIES	\$ 1,427,105	100%	\$ 1,329,285	100%	\$ 2,756,390	100%	\$ 2,766,081	100%
EFFECTIVE OVERALL IDC RATE	18.24%		21.89%		19.83%		24.47%	
EFFECTIVE FOUNDATION OVERHEAD RATE	7.74%		9.30%		8.42%		10.57%	
EFFECTIVE UNIVERSITY OVERHEAD RATE	9.65%		11.47%		10.44%		12.47%	
EFFECTIVE OTHER ACTIVITY OVERHEAD RATE	0.85%		1.12%		0.97%		1.21%	
DISTRIBUTION OF IDC RECOVERIES:								
To: RESEARCH FOUNDATION FOR OPERATIONS	\$ 605,466	42%	\$ 564,896	42%	\$ 1,170,362	42%	\$ 1,194,485	43%
To: RESEARCH FOUNDATION FOR RESERVES	-	0%	-	0%	\$ -	0%	24,541	1%
To: ODU (See Detail Below)	754,823	53%	696,302	52%	\$ 1,451,125	53%	1,409,941	51%
To: OTHER ACTIVITY (See Detail Below)	66,817	5%	68,087	5%	134,904	5%	137,114	5%
TOTAL DISTRIBUTION	\$ 1,427,105	100%	\$ 1,329,285	100%	\$ 2,756,390	100%	\$ 2,766,081	100%
ODU DISTRIBUTION								
ALLOCATED TO :								
ENTERPRISE CENTERS	\$ 545,470	38%	\$ 545,698	41%	\$ 1,091,168	40%	\$ 1,203,261	44%
SELF-SUPPORTING RESEARCH POSITIONS	-	0%	-	0%	-	0%	42,324	2%
OFFICE OF RESEARCH								
RESEARCH INVESTMENT FUND	39,729	3%	36,736	2%	76,465	3%	53,123	2%
INTELLECTUAL PROPERTY FUND	44,748	3%	24,491	1%	69,239	3%	24,541	1%
CUI FACILITIES SECURITY	10,805	1%	-	0%	10,805	0%	-	0%
FINANCE & ADMINISTRATION - STATE RETURN	114,071	8%	89,377	8%	203,448	7%	86,692	3%
\$ 754,823	53%	\$ 696,302	52%	\$ 1,451,125	53%	\$ 1,409,941	51%	
OTHER AFFILIATED DISTRIBUTION								
ALLOCATED TO :								
SPACE GRANT CONSORTIUM	66,817	5%	68,087	5%	134,904	5%	137,114	5%
OTHER AFFILIATED DISTRIBUTION	\$ 66,817	5%	\$ 68,087	5%	\$ 134,904	5%	\$ 137,114	5%

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
NON-TRADITIONAL ALLOCATION METHOD - ALLOCATION TO CENTERS AND AFFILIATED UNITS
SIX MONTH PERIOD ENDING JUNE 30, 2019
SCHEDULE 2**

	DIRECT COSTS	INDIRECT COSTS	FOUNDATION FEE	IDC	ODU DEDUCTION	INDIRECT COSTS ALLOCATED
<u>NON-TRADITIONAL ALLOCATION</u>						
<u>Enterprise Centers and Self Supporting</u>						
<u>Research Projects</u>						
Social Science Research Center	56,651	4,212	-	1,811	666	1,735
Applied Research Center	191,421	53,316	-	22,927	8,428	21,960
Frank Reidy Research Center for Bioelectrics	1,701,595	617,514	-	265,546	97,620	254,348
Virginia Modeling, Analysis and Simulation Center (VMASC)	2,232,105	524,557	-	225,573	82,924	216,060
Center for Cybersecurity	1,820,706	113,490	-	48,804	17,941	46,746
Mitigation and Adaptation Research Institute (MARI)	20,394	-	-	-	-	-
The Center for Educational Partnerships (TCEP)	63,556	11,220	-	4,825	1,774	4,621
Total University Related Activity	6,086,428	1,324,309	-	569,486	209,353	545,470
<u>AFFILIATED ALLOCATION</u>						
Virginia Space Grant Consortium (VSGC)	1,737,887	102,796	-	35,979	-	66,817
Total Affiliated Activity	1,737,887	102,796	-	35,979	-	66,817
Grand Total	\$ 7,824,315	\$ 1,427,105	\$ -	\$ 605,465	\$ 209,353	\$ 612,287

SCHEDULE 3
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
For the Six-Month Period Ending June 30, 2019

SSRP & ENTERPRISE CENTER ACTIVITY

ACTIVITY / ENTITY	PI	TITLE	PROJ	HOME DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SSRP REPORT						FOUNDATION FEE	IDC	ODU DEDUCTION	INDIRECT COSTS ALLOCATED
						DIRECT COSTS	LESS-ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND	INDIRECT COSTS				
SOCIAL SCIENCE RESEARCH CENTER															
SSRC	VANDECAR-BURDIN, T.	2018 SURVEY SCANNING	200285-010	1060	-	53.20	53.20	-	-	53.20	-	-	-	-	-
SSRC	VANDECAR-BURDIN, T.	LIFE IN HR OVERSAMPLE	200295-010	1060	55.00	891.89	-	891.89	-	-	490.54	210.94	77.55	202.05	
SSRC	VANDECAR-BURDIN, T.	ODU/DBHDS FAMILY SURVEY AND QMR	300312-010	1060	5.00	(914.98)	-	(914.98)	-	-	(45.75)	(19.67)	(7.23)	(18.85)	
SSRC	VANDECAR-BURDIN, T.	2019 DBHDS FAMILY SURVEY	300513-010	1060	5.00	29,968.70	-	29,968.70	-	-	1,498.44	644.37	236.88	617.19	
SSRC	VANDECAR-BURDIN, T.	LIFE IN HR SURVEY 2019	300521-010	1060	-	8,411.09	-	8,411.09	-	-	-	-	-	-	
SSRC	VANDECAR-BURDIN, T.	VA ARTS FEST WILLIAMSBURG LIVE INTERCEPT SURVEY	400411-010	1060	26.00	1,824.65	-	1,824.65	-	-	474.41	204.01	75.00	195.40	
SSRC	VANDECAR-BURDIN, T.	SMART SUPERVISION PROJECT	* 200248-010	1060	26.00	4,542.08	-	4,542.08	-	-	1,180.95	507.84	186.69	486.42	
SSRC	VANDECAR-BURDIN, T.	SCHOOL CLIMATE TRANSFORMATION GRANT SCTG EVALUATION YEAR 5	* 300356-040	1060	8.00	4,850.18	-	4,850.18	-	-	388.01	166.86	61.34	159.81	
SSRC	VANDECAR-BURDIN, T.	BOOSTEM IN THE BACK SEAT	* 300519-010	1060	-	6,615.19	-	6,615.19	-	-	-	-	-	-	
SSRC	VANDECAR-BURDIN, T.	IMPROVING ACCESS TO BROADBAND FOR RURAL COMMUNITIES THROUGH 5G INVESTMENTS	* 500372-010	1060	55.00	409.07	-	409.07	-	-	224.99	96.75	35.57	92.67	
						56,651.07	53.20	56,597.87	-	53.20	4,211.59	1,811.10	665.80	1,734.69	
APPLIED RESEARCH CENTER															
ARC	BAUMGART, H.	MICROXACT NXT GENERATION DEVIC	500121-010	4054.1	26.00	(15,114.73)	(15,114.73)	-	-	(15,114.73)	(3,929.83)	(1,689.93)	(621.25)	(1,618.65)	
ARC	ELSAYED-ALI, H.	LASER INSTRUMENT DEVELOP FOR PLANETARY SURFACES & ATMOSPHERE CHARACTERIZATION	100567-020	4054.1	26.00	9,688.36	-	9,688.36	-	-	2,518.96	1,083.22	398.21	1,037.53	
ARC	ELSAYED-ALI, H.	CR: ULTRAFASST LASER-DRIVEN PHASE TRANSITIONS IN NANOPARTICLES NEAR THEIR MELTING	100674-010	4054.1	55.00	33,166.58	-	33,166.58	-	-	18,241.62	7,844.35	2,883.72	7,515.55	
ARC	ELSAYED-ALI, H.	ONLINE THIN FILM THICKNESS & BURIED INTERFACE PROBING	300467-010	4054.1	-	8,274.95	-	8,274.95	-	-	-	-	-	-	
ARC	ELSAYED-ALI, H.	SCANNING AND TRANSMISSION ELECTRON MICROSCOPY STUDIES OF TISSUE FIBER	400125-020	4054.1	55.00	1,075.50	1,075.50	-	-	1,075.50	591.37	254.30	93.49	243.58	
ARC	ELSAYED-ALI, H.	N SAYEED SUPPORT	400346-011	4054.1	-	15,369.27	-	15,369.27	-	-	-	-	-	-	
ARC	ELSAYED-ALI, H.	PUMP-PROBE MEASUREMENT OF THERMAL DIFFUSIVITY OF SUPERCONDUCTING NIOBIUM	500322-010	4054.1	-	351.27	351.27	-	-	-	-	-	-	-	
ARC	ELSAYED-ALI, H.	COLLABORATIVE SENIOR DESIGN PROJECT/IDISPLA	500345-010	4054.1	-	1,512.93	1,512.93	-	-	1,512.93	-	-	-	-	
ARC	ELSAYED-ALI, H.	HIGHLY TRANSMISSIVE COLORED COATINGS FOR ARCHITECTURAL PHOTOVOLTAIC PANELS	500369-010	4054.1	26.00	1,580.38	-	1,580.38	-	-	410.89	176.69	64.96	169.24	
ARC	ELSAYED-ALI, H.	MEASUREMENT OF THERMAL DIFFUSIVITY IN INGOT NIOBIUM	500374-010	4054.1	26.00	5,457.19	-	5,457.19	-	-	1,418.87	610.15	224.30	584.42	
ARC	ELSAYED-ALI, H.	STUDY OF THE MECHANISM OF ELECTRIC CURRENT GENERATION IN EVERCELL DEVICE	500378-010	4054.1	55.00	13,685.92	-	13,685.92	-	-	7,527.26	3,236.91	1,189.94	3,100.41	
ARC	ELSAYED-ALI, H.	CAPSTONE IDISPLA ARMY CERDEC NIGHT VISION AND ELECTRONIC SENSORS DIRECTORATE	500380-010	4054.1	-	15,595.63	-	15,595.63	-	-	-	-	-	-	
ARC	ELSAYED-ALI, H.	CONSULT FOR CAL TECH	500385-010	4054.1	55.00	-	-	-	-	-	0.50	0.22	0.08	0.20	
ARC	ELSAYED-ALI, H.	HIGHLY-TRANSMISSIVE COLORED COATINGS FOR ARCHITECTURAL PHOTOVOLTAIC PANELS	* 200272-010	4054.1	30.00	27,117.42	-	27,117.42	-	-	8,135.22	3,498.35	1,286.05	3,350.82	
ARC	MARSILLAC, S.	NSF SOLEAP SOLAR ENGINEERING	* 100256-010	4054.1	53.00	6,701.51	6,350.04	351.47	-	6,350.04	186.28	80.11	29.45	76.72	
ARC	MARSILLAC, S.	GENERALIZABLE MECHANISTIC UNDERSTANDING OF MODULE-LEVEL...CIGS PHOTOVOLTAICS	300428-010	4054.1	55.00	27,159.40	3,969.40	23,190.00	3,969.40	-	12,754.51	5,484.76	2,016.29	5,253.46	
ARC	MARSILLAC, S.	POST-GROWTH RECRYSTALLIZATION BY HALIDES FOR HIGH THROUGHPUT CIGS PHOTOVOLTAICS	300436-010	4054.1	55.00	859.80	-	859.80	-	-	472.89	203.35	74.76	194.78	
ARC	NAMKOOONG, G.	CREST CENTER FOR RENEWABLE ENERGY AND ADVANCED MATERIALS (CREAM)	300392-010	4054.1	55.00	6,340.89	-	6,340.89	-	-	3,487.49	1,499.71	551.32	1,436.46	
ARC	NAMKOOONG, G.	DEVELOPING PEROVSKITE OPTOELECTRONIC MATERIALS W/ POLYMER & CARBON NANOPARTICLES	300465-010	4054.1	-	1,673.23	717.49	955.74	-	717.49	-	-	-	-	
ARC	NAMKOOONG, G.	DEVELOPMENT OF TILT-ROTATION UV EXPOSURE SYSTEM FOR 3D MICROLITHOGRAPHY PRINTING	600211-010	4054.1	-	3,168.42	-	3,168.42	-	-	-	-	-	-	
ARC	NAMKOOONG, G.	NSF SOLEAP SOLAR ENGINEERING	* 100256-010	4054.1	53.00	21,444.84	20,320.12	1,124.72	-	20,320.12	596.10	256.34	94.23	245.53	
ARC	NAMKOOONG, G.	RSRCH EXP OF THERMAL STBLTY OF PEROVSKITE SOLAR CELLS USNG NANO PARTIPOLY COMP	100527-028	4054.1	-	3,299.54	-	3,299.54	-	-	-	-	-	-	
ARC	RAMJEE, B.	HIGHLY-TRANSMISSIVE COLORED COATINGS FOR ARCHITECTURAL PHOTOVOLTAIC PANELS	* 200272-010	6082.1	30.00	3,013.05	-	3,013.05	-	-	903.91	388.71	142.89	372.31	
						191,421.35	19,182.02	172,239.32	3,969.40	15,212.62	53,316.04	22,927.24	8,428.44	21,960.36	

SCHEDULE 3
 OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
 For the Six-Month Period Ending June 30, 2019

SSRP & ENTERPRISE CENTER ACTIVITY

ACTIVITY / ENTITY	PI	TITLE	PROJ	HOME DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SSRP REPORT						FOUNDATION FEE	FOUNDATION IDC	ODU DEDUCTION	INDIRECT COSTS ALLOCATED
						DIRECT COSTS	LESS-ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND	INDIRECT COSTS				
FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS															
CBE	BEEBE, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300427-010	4073	30.00	13,063.94	5,000.00	8,063.94	-	5,000.00	2,419.18	1,040.31	382.44	996.43	
CBE	BEEBE, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300427-910	4073	30.00	7,368.11	-	7,368.11	-	-	2,210.44	950.54	349.44	910.46	
CBE	BEEBE, S.	NANOPULSE STIMULATION & IMMUNE MODULATORS TO ENHANCE ANTI-TUMOR IMMUNE RESPONSE	* 500226-013	4073	55.00	13,929.89	-	13,929.89	-	-	7,661.44	3,294.61	1,211.16	3,155.67	
CBE	BULYSHEVA, A.	BIOFABRICATION OF REGENERATIVE MUSCULOSKELETAL THERAPEUTICS	* 300474-010	4054.2	30.00	287,095.79	248,750.00	38,345.79	-	248,750.00	11,503.75	4,946.90	1,818.57	4,738.28	
CBE	BULYSHEVA, A.	THERMAL ASSISTED GENE ELECTRO	* 100517-010	4054.2	53.00	8,460.73	-	8,460.73	-	-	4,484.19	1,928.31	708.88	1,847.00	
CBE	BULYSHEVA, A.	HUGENTRA INJECTIONS FOR THE TREATMENT OF MYOCARDIAL INFARCTION	* 300487-010	4054.2	30.00	23,585.30	3,750.00	19,835.30	-	3,750.00	5,950.60	940.70	2,451.00	2,451.00	
CBE	BULYSHEVA, A.	HUGENTRA INJECTIONS FOR THE TREATMENT OF MYOCARDIAL INFARCTION	* 500381-010	4054.2	30.00	28,405.90	6,972.50	21,433.40	3,222.50	3,750.00	6,430.03	2,765.07	1,016.49	2,648.47	
CBE	CATRAVAS, J.	ANTIDOTES AGAINST HYDROCHLORIC ACID-INDUCED CHRONIC LUNG INJURY	* 100692-010	5056.2	55.00	52,157.64	-	52,157.64	-	-	28,686.70	12,336.00	4,534.93	11,815.77	
CBE	CATRAVAS, J.	ANTIDOTES AGAINST MUSTARD - INDUCED CHRONIC LUNG INJURY	* 100789-010	5056.2	55.00	94,246.07	-	94,246.07	-	-	51,835.34	22,290.49	8,194.37	21,350.48	
CBE	CATRAVAS, J.	ENDOTHELIAL BARRIER-PROTECTIVE EFFECTS OF SELEPRESSIN	* 600210-010	5056.2	55.00	-	(60.00)	60.00	-	(60.00)	16.50	7.10	2.61	6.79	
CBE	CHEN, HAI LAN	EndoDecon: Cold Gas Plasma Decontamination of Flexible Endoscopes	* 600186-010	4073	53.00	(3,949.03)	-	(3,949.03)	-	-	(2,092.98)	(900.04)	(330.87)	(862.07)	
CBE	GUO, S.	THERMAL ASSISTED GENE ELECTRO	* 100517-010	5056	53.00	8,460.73	-	8,460.73	-	-	4,484.19	1,928.31	708.88	1,847.00	
CBE	GUO, S.	ABSCOPAL EFFECT OF NANOSECOND PULSE TUMOR ABLATION FOR METASTATIC BREAST CANCER	* 100732-010	4073	55.00	31,620.76	-	31,620.76	-	-	17,391.42	7,478.74	2,749.32	7,163.36	
CBE	GUO, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300427-010	4073	30.00	13,063.94	5,000.00	8,063.94	-	5,000.00	2,419.18	1,040.31	382.44	996.43	
CBE	GUO, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300427-910	4073	30.00	7,368.11	-	7,368.11	-	-	2,210.44	950.54	349.44	910.46	
CBE	GUO, S.	TARGET ADIPOSE TISSUE IN THE TREATMENT OF OBESITY USING PPA	* 500226-011	4073	55.00	(138.80)	-	(138.80)	-	-	(78.34)	(32.83)	(12.07)	(31.44)	
CBE	GUO, S.	NANOPULSE STIMULATION & IMMUNE MODULATORS TO ENHANCE ANTI-TUMOR IMMUNE RESPONSE	* 500226-013	4073	55.00	13,929.89	-	13,929.89	-	-	7,661.44	3,294.61	1,211.16	3,155.67	
CBE	HELLER, L.	DNA SPECIFIC PATTERN RECOGNITION RECEPTOR ACTIVATION	* 100516-010	5056.2	53.00	69,222.58	35,226.70	33,995.88	-	35,226.70	18,697.73	8,040.49	2,955.82	7,701.42	
CBE	HELLER, R.	EFFICIENT DELIVERY OF PLASMID DNA	* 100516-010	5056.2	53.00	79,570.86	-	79,570.86	-	-	42,172.55	18,135.25	6,666.83	17,370.47	
CBE	HELLER, R.	THERMAL ASSISTED GENE ELECTRO	* 100517-010	5056.2	53.00	39,483.39	-	39,483.39	-	-	20,926.20	8,998.79	3,308.11	8,619.37	
CBE	HELLER, R.	CONTROLLED DELIVERY OF PLASMID DNA VIA LOW-TEMPERATURE ION DEPOSITION	* 100740-010	5056.2	55.00	40,104.95	-	40,104.95	-	-	22,057.73	9,485.37	3,486.99	9,085.37	
CBE	HELLER, R.	NANOPULSE STIMULATION & IMMUNE MODULATORS TO ENHANCE ANTI-TUMOR IMMUNE RESPONSE	* 500226-013	4073	55.00	14,352.01	-	14,352.01	-	-	7,893.61	3,394.45	1,247.86	3,251.30	
CBE	JIANG, C.	ADVANCED SPECTROSCOPIC STUDIES OF NANOSECOND PULSED MICROPLASMAS	* 100661-010	4054.2	55.00	53,371.23	-	53,371.23	-	-	29,354.18	12,623.03	4,640.45	12,090.70	
CBE	JIANG, C.	ABSCOPAL EFFECT OF NANOSECOND PULSE TUMOR ABLATION FOR METASTATIC BREAST CANCER	* 100732-010	4054.2	55.00	13,551.76	-	13,551.76	-	-	7,453.46	3,205.18	1,178.28	3,070.00	
CBE	JIANG, C.	CONTROLLED DELIVERY OF PLASMID DNA VIA LOW-TEMPERATURE ION DEPOSITION	* 100740-010	4054.2	55.00	40,104.95	-	40,104.95	-	-	22,057.73	9,485.37	3,486.99	9,085.37	
CBE	KONG, M.	EndoDecon: Cold Gas Plasma Decontamination of Flexible Endoscopes	* 600186-010	4054.2	53.00	(9,214.39)	-	(9,214.39)	-	-	(4,883.63)	(2,100.08)	(772.03)	(2,011.52)	
CBE	MURATORI, G.	NANOSECOND PULSE STIMULATION TO BOOST THE IMMUNOGENICITY OF TUMOR CELL DEATH	* 500226-015	4073	55.00	70,774.04	-	70,774.04	-	-	38,925.73	16,739.04	6,153.56	16,033.13	
CBE	MURATORI, G.	INVESTIGATING CUTIBACTERIUM ACNES INACTIVATION BY NANOSECOND PULSE STIMULATION	* 500226-017	4073	55.00	10,896.97	-	10,896.97	-	-	5,993.33	2,577.28	947.45	2,468.60	
CBE	PAKHOMOV, A.	LOW ENERGY DEFIBRILLATION WITH NANOSECOND PULSED ELECTRIC FIELD	* 100548-010	5056.2	55.00	14,689.04	-	14,689.04	-	-	8,078.97	3,474.16	1,277.16	3,327.65	
CBE	PAKHOMOV, A.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-010	5056.2	55.00	223,136.69	164,562.32	58,574.37	-	164,562.32	32,215.91	13,853.65	5,092.84	13,269.42	
CBE	PAKHOMOV, A.	PERIPHERAL NERVE STIMULATION WITH UNI-AND BIPOLAR NANOSECOND PULSES	* 500226-014	5056.2	55.00	78,886.58	-	78,886.58	-	-	43,387.62	18,657.76	6,858.92	17,870.94	
CBE	PAKHOMOV, A.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-013	5056.2	55.00	23,169.47	-	23,169.47	-	-	12,743.21	5,479.90	2,014.51	5,248.80	
CBE	PAKHOMOVA, O.	LOW ENERGY DEFIBRILLATION WITH NANOSECOND PULSED ELECTRIC FIELD	* 100548-010	4073	55.00	1,836.13	-	1,836.13	-	-	1,009.87	434.27	159.65	415.95	
CBE	PAKHOMOVA, O.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-012	4073	55.00	48,248.93	-	48,248.93	-	-	26,536.91	11,411.54	4,195.08	10,930.29	
CBE	PAKHOMOVA, O.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-013	4073	55.00	2,851.63	-	2,851.63	-	-	1,568.40	674.45	247.94	646.01	
CBE	PAKHOMOVA, O.	NANOSECOND PULSE STIMULATION TO BOOST THE IMMUNOGENICITY OF TUMOR CELL DEATH	* 500226-015	4073	55.00	17,693.51	-	17,693.51	-	-	9,731.43	4,184.76	1,538.38	4,008.28	
CBE	SEMENOV, I.	LOW ENERGY DEFIBRILLATION WITH NANOSECOND PULSED ELECTRIC FIELD	* 100548-010	4073	55.00	3,672.26	-	3,672.26	-	-	2,019.74	868.54	319.29	831.91	
CBE	SEMENOV, I.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-013	4073	55.00	1,425.81	-	1,425.81	-	-	784.20	337.22	123.97	323.01	
CBE	SLAUGHTER, G.	A NON-INVASIVE & COST-EFFECTIVE SPUTUM ASSAY FOR LUNG CANCER SCREENING	* 100807-010	4054.2	55.00	15,404.49	-	15,404.49	-	-	8,472.48	3,843.38	1,339.37	3,489.73	
CBE	SLAUGHTER, G.	CAREER: A SELF-POWERED BIOSENSING MICROSYSTEM	* 100809-010	4054.2	55.00	57,837.20	-	57,837.20	-	-	31,810.46	13,879.29	5,028.75	13,102.42	
CBE	STACEY, M.	UTILIZATION OF BIOPRINTING TO CONTROL CELL BEHAVIOR IN THE TREATMENT OF SARCOMAS	* 400393-010	4073	-	4,505.66	-	4,505.66	-	-	-	-	-	-	
CBE	VERNIER, P.	AFOSR NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 100474-010	4073	53.00	13,714.21	-	13,714.21	-	-	7,268.55	3,125.66	1,149.05	2,993.84	
CBE	VERNIER, P.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-013	4073	55.00	5,346.80	-	5,346.80	-	-	2,940.74	1,264.59	464.89	1,211.26	
CBE	XIAO, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-011	4054.2	55.00	32,376.93	-	32,376.93	-	-	17,807.31	7,657.59	2,815.06	7,334.66	
CBE	XIAO, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 500226-016	4054.2	55.00	17,306.49	-	17,306.49	-	-	9,518.57	4,093.22	1,504.74	3,920.61	
CBE	XIAO, S.	LOW ENERGY DEFIBRILLATION WITH NANOSECOND PULSED ELECTRIC FIELD	* 100548-010	4054.2	55.00	1,836.13	-	1,836.13	-	-	1,009.87	434.27	159.65	415.95	
CBE	XIAO, S.	NANOSECOND PULSED ELECTRIC FIELDS FOR IMMUNO-ONCOLOGY APPLICATIONS	* 300345-013	4054.2	55.00	2,851.63	-	2,851.63	-	-	1,568.40	674.45	247.94	646.01	
CBE	XIAO, S.	SUB-NANOSECOND ELECTRIC FIELDS AS PROTEIN DISAGGREGATION- HUNTINGTONS & ALZHEIMERS	* 300479-010	4054.2	-	2,341.72	-	2,341.72	-	-	-	-	-	-	
CBE	XIAO, S.	TARGET ADIPOSE TISSUE IN THE TREATMENT OF OBESITY USING PPA	* 500226-011	4054.2	55.00	(786.55)	-	(786.55)	-	-	(432.60)	(186.03)	(68.39)	(178.18)	
CBE	ZEMLIN, C.	LOW ENERGY DEFIBRILLATION WITH NANOSECOND PULSED ELECTRIC FIELD	* 100548-010	4054.2	55.00	14,689.04	-	14,689.04	-	-	8,078.97	3,474.16	1,277.16	3,327.65	
CBE	ZEMLIN, C.	MECHANISM OF NANOSECOND STIMULATION AND DEFIBRILLATION OF CARDIAC TISSUE	* 400333-010	4054.2	-	18,099.90	-	18,099.90	-	-	-	-	-	-	
CBE	ZEMLIN, C.	EPICARDIAL CRYOABLATION IN A PIG SURVIVAL MODEL	* 500359-010	4054.2	55.00	27,582.37	-	27,582.37	-	-	15,170.30	6,523.61	2,398.19	6,248.50	
CBE	ZEMLIN, C.	HUGENTRA INJECTIONS FOR THE TREATMENT OF MYOCARDIAL INFARCTION	* 300487-010	4054.2	30.00	23,585.30	3,750.00	19,835.30	-	3,750.00	5,950.60	940.70	2,451.00	2,451.00	
CBE	ZEMLIN, C.	HUGENTRA INJECTIONS FOR THE TREATMENT OF MYOCARDIAL INFARCTION	* 500381-010	4054.2	30.00	28,405.90	6,972.50	21,433.40	3,222.50	3,750.00	6,430.03	2,765.07	1,016.49	2,648.47	
						1,701,594.54	479,924.02	1,221,670.52	6,445.00	473,479.02	617,514.03	-	265,546.45	97,619.55	254,348.03
TOTAL CENTER ACTIVITY						\$ 1,940,686.96	\$ 499,159.24	\$ 1,450,507.72	\$ 10,414.40	\$ 488,744.84	\$ 675,041.85	\$ -	\$ 290,294.79	\$ 106,713.79	\$ 278,043.07

**SCHEDULE 3
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
For the Six-Month Period Ending June 30, 2019**

VIRGINIA MODELING AND SIMULATION CENTER

ACTIVITY / ENTITY	PI	TITLE	PROJ DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SSRP REPORT					INDIRECT COSTS	FOUNDATION FEE	FOUNDATION IDC	ODU DEDUCTION	INDIRECT COSTS ALLOCATED
					DIRECT COSTS	LESS: ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND					
VMASC	BARRACO, A.	MODELING RELIGION IN NORWAY	* 600201-010 4071	55.00	8,241.80	-	8,241.80	-	-	4,532.99	1,949.30	716.60	1,867.09	
VMASC	BEHR, J.	HURRICANE FLORENCE SURVEY	* 300492-010 4071	-	4,575.31	-	4,575.31	-	-	-	-	-	-	
VMASC	COLLINS, A.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	* 100790-010 4060	65.00	26,826.02	1,836.72	24,989.30	-	1,836.72	16,243.05	6,984.92	2,567.78	6,690.35	
VMASC	CROLL, M.	SYSTEM OF SYSTEMS OPERATIONAL ANALYSIS	* 500341-001 4071	55.00	(6.11)	0.00	(6.12)	-	0.00	(3.36)	(1.45)	(0.53)	(1.38)	
VMASC	CROLL, M.	NAV SUITE CERT M&S TECH SUPPORT	* 500342-001 4071	65.00	876.97	876.97	-	-	876.97	570.07	245.15	90.12	234.80	
VMASC	CVUJETIC, B.	COALITION INTEROPERABILITY READINESS PRODUCTS	* 500376-010 4071	65.00	53.20	53.20	-	-	53.20	34.44	14.81	5.44	14.19	
VMASC	CVUJETIC, B.	IPOET	* 500391-010 4071	65.00	15,687.32	-	15,687.32	-	-	10,196.76	4,384.86	1,611.95	4,199.95	
VMASC	DIALLO, S.	NARRATIVE MODELING TOOL	* 500388-010 4071	55.00	265.07	265.07	-	-	265.07	145.49	62.56	23.00	59.93	
VMASC	DIALLO, S.	SOCOM INTEROPERABILITY	* 500395-010 4071	65.00	25,000.65	-	25,000.65	-	-	16,250.41	6,988.08	2,568.94	6,693.39	
VMASC	DIALLO, S.	UNOS ORGAN DONOR MODEL	* 500400-010 4071	55.00	15,509.27	-	15,509.27	-	-	8,530.10	3,668.16	1,348.48	3,513.46	
VMASC	DIALLO, S.	ADDRESSING THE OPIOID CRISIS WITH DATA ANALYTICS AND VISUALIZATION	* 300490-010 4071	-	10,778.16	-	10,778.16	-	-	-	-	-	-	
VMASC	DIALLO, S.	NIPO IPOET	* 500375-001 4071	65.00	41,526.24	-	41,526.24	-	-	26,992.05	11,607.26	4,267.03	11,117.76	
VMASC	DIALLO, S.	COALITION INTEROPERABILITY READINESS PRODUCTS	* 500376-010 4071	65.00	53.20	53.20	-	-	53.20	34.44	14.81	5.44	14.19	
VMASC	DIALLO, S.	IPOET	* 500391-010 4071	65.00	15,687.32	-	15,687.32	-	-	10,196.76	4,384.86	1,611.95	4,199.95	
VMASC	DIALLO, S.	MODELING RELIGION IN NORWAY	* 600201-010 4071	55.00	8,241.80	-	8,241.80	-	-	4,532.99	1,949.30	716.60	1,867.09	
VMASC	EZELL, B.	RISK AND DECISION ANALYTIC SUPPORT TO THE COMMONWEALTH VIRGINIAN STATE HOMELAND	* 200245-010 4071	55.00	-	-	-	-	-	(0.01)	-	-	(0.01)	
VMASC	EZELL, B.	RISK AND DECISION ANALYTIC SUPPORT	* 200270-010 4071	55.00	63,315.22	31,217.52	32,097.70	-	31,217.52	17,653.74	7,591.55	2,790.79	7,271.40	
VMASC	EZELL, B.	PORT OF VA LEAN & VALVE STEAM MAPPING COMBO WORKSHOPS	* 200292-010 4071	26.00	3,568.66	-	3,568.66	-	-	927.85	399.00	146.68	382.17	
VMASC	EZELL, B.	PORT OF VIRGINIA LEAN AND SIX SIGMA GREEN BELT COHORT TRAINING WORKSHOPS	* 200294-010 4071	26.00	9,156.83	-	9,156.83	-	-	2,380.79	1,023.80	376.37	980.62	
VMASC	EZELL, B.	RISK AND DECISION ANALYTIC SUPPORT	* 200297-010 4071	55.00	15,636.42	-	15,636.42	-	-	8,600.03	3,698.23	1,359.53	3,542.27	
VMASC	EZELL, B.	FOODBANK OF SE VA LEAN PRINCIPLES AND VALUE STREAM MAPPING COMBO WORKSHOP	* 400387-010 4071	26.00	1,470.13	-	1,470.13	-	-	382.23	164.37	60.42	157.44	
VMASC	EZELL, B.	PLASSER AMERICAN CORP LEAN PRINCIPLE II	* 500325-020 4061	26.00	16,656.24	16,656.24	-	-	16,656.24	-	-	-	-	
VMASC	EZELL, B.	MGMT MENTORING DAVIS INTERIORS	* 500332-010 4061	26.00	96.37	96.37	-	-	96.37	25.52	10.97	4.03	10.52	
VMASC	EZELL, B.	OVERVIEW OF THE LEAN SIX SIGMA CONTINUOUS IMPROVEMENT METHODOLOGY	* 500356-010 4061	26.00	-	-	-	-	-	(0.53)	(0.23)	(0.08)	(0.22)	
VMASC	EZELL, B.	COMMERCIALIZATION PHASE I GPS VEHICLE TRACKER	* 500363-010 4061	26.00	441.48	441.48	-	-	441.48	115.27	49.57	18.22	47.48	
VMASC	EZELL, B.	PLASSER AMERICAN CORP - LEAN PRINCIPLES WORKSHOP	* 500364-010 4061	26.00	1,602.00	1,602.00	-	-	1,602.00	417.06	179.35	65.93	171.78	
VMASC	EZELL, B.	COMMERCIALIZATION PHASE II GPS VEHICLE TRACKER	* 500367-010 4071	26.00	444.39	-	444.39	-	-	115.54	49.69	18.27	47.58	
VMASC	EZELL, B.	AFTERMARKET SALES STRATEGY DEVELOPMENT	* 500373-010 4061	26.00	999.25	999.25	-	-	999.25	259.66	111.66	41.05	106.95	
VMASC	EZELL, B.	CHESAPEAKE REGION HEALTH LEAN PRIN VALUE STREAM MAPPING COMBO WORKSHOP	* 500383-010 4061	26.00	1,639.46	1,639.46	-	-	1,639.46	425.73	183.07	67.30	175.36	
VMASC	EZELL, B.	LEAN SIX SIGMA GREEN BELT TRAINING & CERTIFICATION	* 500386-010 4061	26.00	3,121.52	3,121.52	-	-	3,121.52	812.45	349.37	128.44	334.64	
VMASC	EZELL, B.	CHESAPEAKE REGIONAL HEALTHCARE LEAN & SIX SIGMA GREEN BELT COHORT TRNG WKSHP	* 500401-010 4071	26.00	10,251.37	-	10,251.37	-	-	2,665.36	1,146.17	421.35	1,097.84	
VMASC	EZELL, B.	DOD MODELING AND SIMULATION TECHNOLOGY READINESS	* 100800-010 4071	65.00	170.68	-	170.68	-	-	110.94	47.71	17.54	45.69	
VMASC	EZELL, B.	PORT OF VIRGINIA LEAN AND SIX SIGMA GREEN BELT COHORT TRAINING WORKSHOPS	* 200294-010 4071	26.00	481.94	-	481.94	-	-	125.30	53.88	19.81	51.61	
VMASC	EZELL, B.	CBP PRECLEARANCE	* 500341-003 4071	55.00	3,409.32	-	3,409.32	-	-	1,875.13	806.35	296.43	772.35	
VMASC	EZELL, B.	NON-LETHAL FIRES COURSE DEVELOPMENT	* 500390-010 4071	65.00	20,680.88	-	20,680.88	-	-	13,442.57	5,780.64	2,125.06	5,536.87	
VMASC	EZELL, B.	CHESAPEAKE REGIONAL HEALTHCARE LEAN & SIX SIGMA GREEN BELT COHORT TRNG WKSHP	* 500401-010 4071	26.00	539.55	-	539.55	-	-	140.28	60.32	22.18	57.78	
VMASC	FRYDENLUND, E.	HEALTH DYNAMICS IN PROTRACTED REFUGEE	* 300445-010 4071	-	(313.98)	-	(313.98)	-	-	-	-	-	-	
VMASC	GAY, B.	IPOET	* 500391-010 4071	65.00	15,687.32	-	15,687.32	-	-	10,196.76	4,384.86	1,611.95	4,199.95	
VMASC	GILES, B.	ADDRESSING THE OPIOID CRISIS WITH DATA ANALYTICS AND VISUALIZATION	* 300490-010 4071	-	15,089.42	-	15,089.42	-	-	-	-	-	-	
VMASC	GORE, R.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	* 100790-010 4071	65.00	14,903.34	1,020.40	13,882.94	-	1,020.40	9,023.92	3,880.51	1,426.54	3,716.87	
VMASC	GORE, R.	EXTENSION OF ROLE 2 ASSESSMENT VALIDATION	* 300446-010 4071	-	(422.64)	-	(422.64)	-	-	-	-	-	-	
VMASC	GORE, R.	NIPO IPOET	* 500375-001 4071	65.00	41,526.24	-	41,526.24	-	-	26,992.05	11,607.26	4,267.03	11,117.76	
VMASC	GORE, R.	COALITION INTEROPERABILITY READINESS PRODUCTS	* 500376-010 4071	65.00	54.81	54.81	-	-	54.81	35.48	15.26	5.61	14.61	
VMASC	GORE, R.	IPOET	* 500391-010 4071	65.00	15,687.32	-	15,687.32	-	-	10,196.76	4,384.86	1,611.95	4,199.95	
VMASC	GORE, R.	MODELING RELIGION IN NORWAY	* 600201-010 4071	55.00	10,989.06	-	10,989.06	-	-	6,043.99	2,599.07	956.46	2,489.46	
VMASC	JORDAN, C.	ADDRESSING THE OPIOID CRISIS WITH DATA ANALYTICS AND VISUALIZATION	* 300490-010 4071	-	12,933.79	-	12,933.79	-	-	-	-	-	-	
VMASC	LYNCH, C.	AUTOMATION TOOLS AND ANALYTICS COURSES FOR THE NAVAL SHIPYARD	* 100790-010 4071	65.00	14,903.34	1,020.40	13,882.94	-	1,020.40	9,023.92	3,880.51	1,426.54	3,716.87	
VMASC	LYNCH, C.	DOD MODELING AND SIMULATION TECHNOLOGY READINESS	* 100800-010 4071	65.00	2,986.89	-	2,986.89	-	-	1,941.48	834.89	306.92	799.67	
VMASC	MICHAELI, J.	EXPLORATION OF ADDITIVE MANUF NAVAL APP EXPED WARFARE	* 100588-010 9010.3	65.00	5,564.49	2,083.20	3,481.29	-	2,083.20	2,262.84	973.08	357.72	932.04	
VMASC	MICHAELI, J.	DEVELOPMENT OF HYBRID ELECTRIC PROPULSION AND ASSOCIATED TECHNOLOGIES	* 100725-010 9010.3	55.00	24,413.66	3,414.00	20,999.66	-	3,414.00	11,549.82	4,966.71	1,825.85	4,757.26	
VMASC	MICHAELI, J.	DIGITAL SHIPBUILDING WORKFORCE PROGRAM	* 300463-010 9010.3	-	278,032.10	49,208.34	228,823.76	-	-	49,208.34	-	-	-	
VMASC	NELSON, M.	NSF INCREASING THE VALUE	* 100552-010 6093.3	53.00	26,940.71	6,673.88	20,266.83	5,000.00	1,673.88	10,741.42	4,619.08	1,698.05	4,424.29	
VMASC	NELSON, M.	VISUALIZING WEBPAGE CHANGES OVER TIME	* 100676-010 6093.3	55.00	5,255.04	-	5,255.04	-	-	2,890.26	1,242.88	456.91	1,190.47	
VMASC	NELSON, M.	CONT ED ADVANCE WEB ARCHIVING	* 300472-010 6093.3	55.00	6,081.44	-	6,081.44	-	-	3,344.80	1,436.35	528.76	1,377.69	
VMASC	NELSON, M.	IMLS COBINING SOCIAL MEDIA STORYTELLING WITH WEB ARCHIVES	* 100519-010 6093.3	53.00	3,864.17	-	3,864.17	-	-	2,048.01	880.70	323.76	843.55	
VMASC	NELSON, M.	ODUMELLON FOUNDATION TOWARDS A WEB CENTRIC APPROACH	* 300380-010 6093.3	-	46,372.02	16,949.05	29,422.97	-	-	16,949.05	-	-	-	

SCHEDULE 3
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
For the Six-Month Period Ending June 30, 2019

VIRGINIA MODELING AND SIMULATION CENTER

ACTIVITY / ENTITY	PI	TITLE	PROJ DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SRRP REPORT						FOUNDATION FEE	ODU DEDUCTION	INDIRECT COSTS ALLOCATED	
					DIRECT COSTS	LESS: ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND	INDIRECT COSTS				
VMASC	PADILLA, J.	NSU CENTER OF EXCELLENCE IN CYBER SECURITY	300329-010 4071	53.00	47,890.21	-	47,890.21	-	-	25,381.82	10,914.82	4,012.48	10,454.52	
VMASC	PADILLA, J.	HEALTH DYNAMICS IN PROTRACTED REFUGEE	300445-010 4071	-	(313.98)	-	(313.98)	-	-	-	-	-	-	
VMASC	PAPELIS, Y.	AN EXAMINATION OF TRUST EXHIBITED BY MEMBERS OF DIFFERENT CULTURES TOWARD	100521-010 4071	26.00	(553.80)	-	(553.80)	-	-	(143.99)	(61.92)	(22.76)	(59.31)	
VMASC	PAPELIS, Y.	PROF DEVELOPMENT PRESCHOOL CHILDREN WITH DISABILITIES	100601-010 4071	26.00	49,721.55	9,583.94	40,137.61	-	9,583.94	10,435.78	4,487.65	1,649.74	4,298.39	
VMASC	PAPELIS, Y.	VR ENABLED LEARNING SYSTEM	300518-010 4071	4.00	10,371.92	-	10,371.92	-	-	414.88	178.41	65.59	170.88	
VMASC	PAPELIS, Y.	SYSTEM OF SYSTEMS OPERATIONAL ANALYSIS	500341-001 4071	55.00	(36.68)	0.01	(36.69)	-	0.01	(20.18)	(8.68)	(3.19)	(8.31)	
VMASC	PAPELIS, Y.	NAV SUITE CERT M&S TECH SUPPORT	500342-001 4071	65.00	5,261.82	5,261.82	-	-	5,261.82	3,420.44	1,470.88	540.72	1,408.84	
VMASC	PAPELIS, Y.	OPTIMIZED UNMANNED SURFACE VEHICLE INSTRUMENT	500350-010 4071	-	7,985.11	-	7,985.11	-	-	-	-	-	-	
VMASC	PARODI, V.	EXTENSION OF ROLE 2 ASSESSMENT VALIDATION	300446-010 4071	-	(633.97)	-	(633.97)	-	-	-	-	-	-	
VMASC	PARODI, V.	ADDRESSING THE OPIOID CRISIS WITH DATA ANALYTICS AND VISUALIZATION	300490-010 4071	-	4,311.26	-	4,311.26	-	-	-	-	-	-	
VMASC	RECHOWICZ, K	REPURPOSING COMPUTATIONAL ANALYSES OF TACTICS	500368-010 4071	65.00	(831.00)	-	(831.00)	-	-	(540.15)	(232.28)	(85.39)	(222.48)	
VMASC	RECHOWICZ, K	REPURPOSING COMPUTATIONAL ANALYSES OF TACTICS OPTION	500368-020 4071	65.00	11,591.07	-	11,591.07	-	-	7,534.19	3,239.89	1,191.04	3,103.26	
VMASC	ROBINSON, R.	HAMPTON ROADS CYBER COLLABORATION	300462-010 4071	-	316,212.17	243,231.76	72,980.41	-	243,231.76	-	-	-	-	
VMASC	SANDY, M.	HAMPTON ROADS CYBER COLLABORATION: FUNDS SUB- AWARDED TO VSGC	300462-011 9701	-	20,678.76	15,150.79	5,527.97	-	15,150.79	-	-	-	-	
VMASC	SANDY, M.	HAMPTON ROADS CYBER COLLABORATION: FUNDS SUB-AWARDED TO VSGC YEAR 2	300462-021 9701	-	2,980.41	2,980.41	-	-	2,980.41	-	-	-	-	
VMASC	SHETTY, S.	DATA PROVENANCE ASSURANCE IN CLOUD USING BLOCK CHAIN	100617-010 4075	55.00	-	-	-	-	-	(0.65)	(0.28)	(0.10)	(0.27)	
VMASC	SHETTY, S.	DATA PROVENANCE ASSURANCE IN CLOUD USING BLOCK CHAIN	100728-010 4075	55.00	122,737.14	32,339.80	90,397.34	-	32,339.80	49,718.56	21,380.23	7,859.74	20,478.59	
VMASC	SHETTY, S.	CYBER RISK SCORING AND MITIGATION	200273-010 4075	30.00	61,716.85	-	61,716.85	-	-	18,515.07	7,961.94	2,928.95	7,626.18	
VMASC	SHETTY, S.	CENTER FOR EXCELLENCE IN CYBER SECURITY	300388-010 4075	55.00	31,900.34	-	31,900.34	-	-	17,545.19	7,544.87	2,773.63	7,226.69	
VMASC	SHETTY, S.	CYBER RESILIENT ENERGY DELIVERY CONSORTIUM	300390-010 4075	55.00	67,507.69	27,302.20	40,205.49	-	27,302.20	22,113.03	9,509.16	3,495.73	9,108.14	
VMASC	SHETTY, S.	NATIONAL CRITICAL INFRASTRUCTURE RESILIENCE CENTER OF EXCELLENCE	300397-010 4075	55.00	275.00	-	275.00	-	-	151.25	65.04	23.91	62.30	
VMASC	SHETTY, S.	COMPREHENSIVE RISK ASSESSMENT FOR BUSINESS CONTINUITY	300514-010 4075	26.00	31,281.01	-	31,281.01	-	-	8,133.06	3,497.42	1,285.71	3,349.93	
VMASC	SHETTY, S.	BLOCKCHAIN EMPOWERED NETWORKED DEVICE IDENTIFICATION MANAGEMENT	400358-010 4075	55.00	99,136.97	-	99,136.97	-	-	54,525.34	23,447.26	8,619.62	22,458.46	
VMASC	SHULL, J.	IPOET	500391-010 4071	65.00	15,687.32	-	15,687.32	-	-	10,196.76	4,384.86	1,611.95	4,199.95	
VMASC	WEISEL, E.	LEAN SIX SIGMA TRAINING SPACE	100629-010 4071	32.00	11,964.96	-	11,964.96	-	-	3,828.79	1,646.48	605.27	1,577.04	
VMASC	WEISEL, E.	CCO BEYOND CONVERGENCE PHASE 5 WESTERN HEMISPHERE	100634-010 4071	36.00	348,257.59	345,953.46	2,304.13	-	345,953.46	829.50	356.71	131.13	341.66	
VMASC	WEISEL, E.	JOINT FORCES STAFF COLLEGE SENIOR FELLOWS PROGRAM	100647-010 4071	36.00	34,335.78	-	34,335.78	-	-	12,360.88	5,315.49	1,954.07	5,091.32	
VMASC	WEISEL, E.	VMASC MEMBERSHIP ACCOUNT	400193-000 4071	-	23,309.97	88.82	23,221.15	-	88.82	-	-	-	-	
VMASC	WEISEL, E.	METHOD FOR DETECTING COUNTERFEIT MATERIAL	500339-010 4071	55.00	20,436.82	-	20,436.82	-	-	11,240.27	4,833.60	1,776.91	4,629.76	
VMASC	WEISEL, E.	ADVANCED SHIP-HANDLING SIMULATORS	500379-010 4071	65.00	21,378.11	-	21,378.11	-	-	13,894.47	5,974.97	2,196.50	5,723.00	
					2,232,104.87	821,176.09	1,410,928.78	5,000.00	816,176.09	524,556.90	-	225,572.63	82,924.42	216,059.85
					\$ 2,232,104.87	\$ 821,176.09	\$ 1,410,928.78	\$ 5,000.00	\$ 816,176.09	\$ 524,556.90	\$ -	\$ 225,572.63	\$ 82,924.42	\$ 216,059.85

SCHEDULE 3
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
For the Six-Month Period Ending June 30, 2019

ACTIVITY / ENTITY	PI	TITLE	PROJ	DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SRRP REPORT					FOUNDATION FEE	IDC	ODU DEDUCTION	INDIRECT COSTS ALLOCATED	
						DIRECT COSTS	LESS:ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND					INDIRECT COSTS
THE CENTER FOR EDUCATIONAL PARTNERSHIPS															
TCEP	BROBST, J.	PREPARING STUDENTS FOR CAREERS IN COMPUTER SCIENCE & MATH	300503-010	3048	55.00	9,372.31	-	9,372.31	-	-	5,154.77	2,216.68	814.89	2,123.20	
TCEP	BROBST, J.	COLLEGE ACCESS CORPS IMPACT EVALUATION	* 300502-010	3048	5.26	7,742.94	-	7,742.94	-	-	407.29	175.14	64.39	167.76	
TCEP	CHAPPELL, S.	ONR IMPROVING HIGH SCHOOL STEM EDUCATION IN PHYSICS	* 100721-010	3048	36.00	2,659.79	-	2,659.79	-	-	957.52	411.76	151.37	394.39	
TCEP	CHAPPELL, S.	CPS SWAP EVALUATION	* 200213-010	3048	-	3,856.73	-	3,856.73	-	-	-	-	-	-	
TCEP	CHAPPELL, S.	COLLEGE ACCESS CORPS IMPACT EVALUATION	* 300502-010	3048	5.26	7,742.94	-	7,742.94	-	-	407.29	175.14	64.39	167.76	
TCEP	GARNER, J.	VOYAGES & DISCOVERIES: CROSS-GNRTNL REFLECTIONS ON THE SIG OF SPACE EXPLRTON	* 200309-022	3048	-	2,219.49	-	2,219.49	-	-	-	-	-	-	
TCEP	GARNER, J.	KNOWLEDGE THROUGH EXPERIENCE FOR YOUTH IN SCIENCE	* 200188-040	3048	8.00	(470.48)	(464.62)	(5.86)	-	(464.62)	(0.47)	(0.20)	(0.07)	(0.20)	
TCEP	GARNER, J.	WORLD CLASS MILITARY-DEPENDENT STUDENTS: MARCHING FORWARD ON TWO FRONTS IN PWCS	* 200225-010	3048	55.00	2,747.86	-	2,747.86	-	-	1,511.31	649.90	238.91	622.50	
TCEP	GARNER, J.	ONR IMPROVING HIGH SCHOOL STEM EDUCATION IN PHYSICS	* 100721-010	3048	36.00	2,740.39	-	2,740.39	-	-	986.54	424.24	155.96	406.34	
TCEP	GARNER, J.	CPS SWAP EVALUATION	* 200213-010	3048	-	3,856.73	-	3,856.73	-	-	-	-	-	-	
TCEP	GARNER, J.	LEARNING INQUIRY CHESAPEAKE BAY ENHANCING NATURE IN SCIENCE EDUCATION	* 400354-010	3048	-	1,468.26	-	1,468.26	-	-	-	-	-	-	
TCEP	LONEY, M.	ONR IMPROVING HIGH SCHOOL STEM EDUCATION IN PHYSICS	* 100721-010	3048	36.00	2,659.79	-	2,659.79	-	-	957.52	411.76	151.37	394.39	
TCEP	LONEY, M.	KNOWLEDGE THROUGH EXPERIENCE FOR YOUTH IN SCIENCE	* 200188-040	3048	8.00	(2,038.74)	(2,013.35)	(25.39)	-	(2,013.35)	(2.03)	(0.87)	(0.32)	(0.84)	
TCEP	LONEY, M.	TECHNICAL SUPPORT YORK COUNTY SCHOOL DIVISION STEM	* 200290-010	3048	5.00	11,757.17	-	11,757.17	-	-	587.86	252.79	92.93	242.14	
TCEP	LONEY, M.	LEARNING INQUIRY CHESAPEAKE BAY ENHANCING NATURE IN SCIENCE EDUCATION	* 400354-010	3048	-	2,202.40	-	2,202.40	-	-	-	-	-	-	
TCEP	WEBSTER, H.	TECHNICAL SUPPORT YORK COUNTY SCHOOL DIVISION STEM	* 200290-010	3048	5.00	5,038.79	-	5,038.79	-	-	251.94	108.34	39.83	103.77	
						\$ 63,556.33	\$ (2,477.97)	\$ 66,034.30	\$ -	\$ (2,477.97)	\$ 11,219.54	\$ -	\$ 4,824.68	\$ 1,773.65	\$ 4,621.21
Center for Cybersecurity															
CYBER	CHRISOCHOIDES, N.	MRI ACQUISITION: INTERDISCIPLINARY AND COLLABORATIVE RESEARCH IN HAMPTON ROADS	* 100746-010	6093.9	-	300,740.23	300,740.23	-	300,740.23	-	-	-	-	-	
CYBER	DICE, T.	GENCYBER: PREPARING TOMORROW'S HEROES TO SECURE THE CYBERSPACE	* 100799-010	3040.9	55.00	1,818.23	-	1,818.23	-	-	1,000.03	430.04	158.09	411.90	
CYBER	DRAPER, D.	ODU GENCYBER TEACHER CAMP	* 100706-010	9910.9	55.00	111.68	-	111.68	-	-	61.41	26.41	9.71	25.29	
CYBER	HE, W.	IMPROVING THE SUCCESS OF LOW-INCOME STUDENTS IN A CYBERSECURITY PROGRAM	* 100709-010	2032.9	55.00	13,572.09	7,945.20	5,626.89	-	7,945.20	3,094.79	1,330.84	489.24	1,274.71	
CYBER	HE, W.	REU SITE: CYBERSECURITY RESEARCH IN A MULTIDISCIPLINARY ENVIRONMENT	* 100648-010	2032.9	55.00	11,759.27	7,051.84	4,707.43	-	7,051.84	2,589.09	1,113.37	409.29	1,066.43	
CYBER	HE, W.	ODU GENCYBER TEACHER CAMP	* 100706-010	2032.9	55.00	167.52	-	167.52	-	-	92.11	39.61	14.56	37.94	
CYBER	HUANG, J.	MRI ACQUISITION: INTERDISCIPLINARY AND COLLABORATIVE RESEARCH IN HAMPTON ROADS	* 100746-010	4064.9	-	300,740.23	300,740.23	-	300,740.23	-	-	-	-	-	
CYBER	IFTEKHARUDDIN, K.	REU SITE: CYBERSECURITY RESEARCH IN A MULTIDISCIPLINARY ENVIRONMENT	* 100648-010	4054.9	55.00	11,759.27	7,051.84	4,707.43	-	7,051.84	2,589.09	1,113.37	409.29	1,066.43	
CYBER	IFTEKHARUDDIN, K.	MRI ACQUISITION: INTERDISCIPLINARY AND COLLABORATIVE RESEARCH IN HAMPTON ROADS	* 100746-010	4054.9	-	300,740.23	300,740.23	-	300,740.23	-	-	-	-	-	
CYBER	LI, J.	REU SITE: CYBERSECURITY RESEARCH IN A MULTIDISCIPLINARY ENVIRONMENT	* 100648-010	4054.9	55.00	11,759.27	7,051.84	4,707.43	-	7,051.84	2,589.09	1,113.37	409.29	1,066.43	
CYBER	PAYNE, B.	BRIDGING THE DISCIPLINARY GAPS IN CYBERSECURITY CURRICULA THRU GENERAL ED.	* 100675-010	9910.9	55.00	47,505.48	26,857.13	20,648.35	-	26,857.13	11,356.61	4,883.63	1,795.31	4,677.67	
CYBER	PAYNE, B.	IMPROVING THE SUCCESS OF LOW-INCOME STUDENTS IN A CYBERSECURITY PROGRAM	* 100709-010	9910.9	55.00	13,572.09	7,945.20	5,626.89	-	7,945.20	3,094.79	1,330.84	489.24	1,274.71	
CYBER	PRIBESH, S.	PLANNING GRANT: ENGINEERING RESEARCH CENTER FOR SAIS	* 100745-010	9910.9	55.00	6,025.08	2,236.24	3,788.84	-	2,236.24	2,083.86	896.11	329.43	858.32	
CYBER	PURWANTO, W.	IMPROVING THE SUCCESS OF LOW-INCOME STUDENTS IN A CYBERSECURITY PROGRAM	* 100709-010	3048.9	55.00	13,572.09	7,945.20	5,626.89	-	7,945.20	3,094.79	1,330.84	489.24	1,274.71	
CYBER	PURWANTO, W.	CYBERTRAINING: CIC: DEAPSECURE: DATA-ENABLED ADVANCED TRAINING	* 100723-010	9910.9	55.00	12,931.00	1,200.90	11,730.10	-	1,200.90	6,451.56	2,774.33	1,019.89	2,657.34	
CYBER	SOSONKINA, M.	CYBERTRAINING: CIC: DEAPSECURE: DATA-ENABLED ADVANCED TRAINING	* 100723-010	4075.9	55.00	12,931.00	1,200.90	11,730.10	-	1,200.90	6,451.56	2,774.33	1,019.89	2,657.34	
CYBER	SOSONKINA, M.	MRI ACQUISITION: INTERDISCIPLINARY AND COLLABORATIVE RESEARCH IN HAMPTON ROADS	* 100746-010	4075.9	-	300,740.23	300,740.23	-	300,740.23	-	-	-	-	-	
CYBER	WANG, C.	PLANNING GRANT: ENGINEERING RESEARCH CENTER FOR SAIS	* 100745-010	6093.9	55.00	6,025.08	2,236.24	3,788.84	-	2,236.24	2,083.86	896.11	329.43	858.32	
CYBER	WANG, C.	USER STUDY FOR DEVICE-SPECIFIC ENERGY OPTIMIZATION	* 600214-010	6093.9	55.00	3,872.78	3,872.78	-	-	3,872.78	2,129.48	915.73	336.64	877.11	
CYBER	WITTKOWER, D.	GENCYBER: PREPARING TOMORROW'S HEROES TO SECURE THE CYBERSPACE	* 100799-010	1017.9	55.00	1,818.23	-	1,818.23	-	-	1,000.03	430.04	158.09	411.90	
CYBER	WU, H.	NETS: LARGE-SCALE DATA CROWDSOURCING & DISSEMINATION IN D2D NETWORKS	* 100612-010	4054.9	55.00	14,378.11	-	14,378.11	-	-	7,907.97	3,400.63	1,250.13	3,257.21	
CYBER	WU, H.	ODU GENCYBER TEACHER CAMP	* 100706-010	4054.9	55.00	111.68	-	111.68	-	-	61.41	26.41	9.71	25.29	
CYBER	WU, H.	CYBERTRAINING: CIC: DEAPSECURE: DATA-ENABLED ADVANCED TRAINING	* 100723-010	4054.9	55.00	13,322.85	1,237.29	12,085.56	-	1,237.29	6,647.06	2,858.40	1,050.80	2,737.86	
CYBER	WU, H.	PLANNING GRANT: ENGINEERING RESEARCH CENTER FOR SAIS	* 100745-010	4054.9	55.00	6,025.08	2,236.24	3,788.84	-	2,236.24	2,083.86	896.11	329.43	858.32	
CYBER	WU, H.	MRI ACQUISITION: INTERDISCIPLINARY AND COLLABORATIVE RESEARCH IN HAMPTON ROADS	* 100746-010	4054.9	-	300,740.23	300,740.23	-	300,740.23	-	-	-	-	-	
CYBER	WU, H.	SECURE DISTRIBUTED DIGITAL MANUFACTURING	* 100791-010	4054.9	65.00	24,487.11	882.84	23,604.26	-	882.84	15,342.77	6,597.78	2,425.46	6,319.53	
CYBER	WU, H.	GENCYBER: PREPARING TOMORROW'S HEROES TO SECURE THE CYBERSPACE	* 100799-010	4054.9	55.00	1,818.23	-	1,818.23	-	-	1,000.03	430.04	158.09	411.90	
CYBER	XIN, C.	EAGER: A BEAMFORMING OPTIMIZATION FRAMEWORK FOR LARGE SCALE MMWAVE NETWORKS	* 100680-010	4054.9	55.00	5,161.89	-	5,161.89	-	-	2,839.03	1,220.85	448.81	1,169.37	
CYBER	XIN, C.	EAGER: A BEAMFORMING OPTIMIZATION FRAMEWORK FOR LARGE SCALE MMWAVE NETWORKS	* 100680-020	4054.9	-	10,000.00	10,000.00	-	-	10,000.00	-	-	-	-	
CYBER	XIN, C.	REU SITE: CYBERSECURITY RESEARCH IN A MULTIDISCIPLINARY ENVIRONMENT	* 100648-010	4054.9	55.00	11,759.27	7,051.84	4,707.43	-	7,051.84	2,589.09	1,113.37	409.29	1,066.43	
CYBER	XIN, C.	ODU GENCYBER TEACHER CAMP	* 100706-010	4054.9	55.00	167.52	-	167.52	-	-	92.11	39.61	14.56	37.94	
CYBER	XIN, C.	IMPROVING THE SUCCESS OF LOW-INCOME STUDENTS IN A CYBERSECURITY PROGRAM	* 100709-010	4054.9	55.00	27,144.19	15,890.40	11,253.79	-	15,890.40	6,189.58	2,661.67	978.48	2,549.43	
CYBER	XIN, C.	PLANNING GRANT: ENGINEERING RESEARCH CENTER FOR SAIS	* 100745-010	4054.9	55.00	6,025.08	2,236.24	3,788.84	-	2,236.24	2,083.86	896.11	329.43	858.32	
CYBER	XIN, C.	SECURE DISTRIBUTED DIGITAL MANUFACTURING	* 100791-010	4054.9	65.00	23,766.90	856.88	22,910.02	-	856.88	14,891.51	6,403.72	2,354.12	6,133.67	
CYBER	XIN, C.	GENCYBER: PREPARING TOMORROW'S HEROES TO SECURE THE CYBERSPACE	* 100799-010	4054.9	55.00	1,818.23	-	1,818.23	-	-	1,000.03	430.04	158.09	411.90	
CYBER	ZHAO, D.	GENCYBER: PREPARING TOMORROW'S HEROES TO SECURE THE CYBERSPACE	* 100799-010	6093.9	55.00	1,818.23	-	1,818.23	-	-	1,000.03	430.04	158.09	411.90	
						\$ 1,820,705.64	\$ 1,626,688.16	\$ 194,017.48	\$ 1,503,701.14	\$ 122,987.02	\$ 113,490.46	\$ -	\$ 48,803.75	\$ 17,941.12	\$ 46,745.59
Mitigation and Adaptation Research Institute															
MARI	PLAG, H.	BUILDING CONSERVATION LEADERS FOR THE FUTURE	100565-010	6085	0.00	20,394.04	16,759.36	3,634.68	-	16,759.36	-	-	-	-	
						\$ 20,394.04	\$ 16,759.36	\$ 3,634.68	\$ -	\$ 16,759.36	\$ -	\$ -	\$ -	\$ -	
						\$ 1,904,656.02	\$ 1,640,969.55	\$ 263,686.46	\$ 1,503,701.14	\$ 137,268.41	\$ 124,710.00	\$ -	\$ 53,628.43	\$ 19,714.77	\$ 51,368.80

SCHEDULE 3
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
For the Six-Month Period Ending June 30, 2019

VIRGINIA SPACE GRANT CONSORTIUM

ACTIVITY / ENTITY	PI	TITLE	PROJ	DEPT	IDC RATE	SUMMARY FOR NON-TRADITIONAL AND SSRP REPORT						FOUNDATION		INDIRECT COSTS ALLOCATED	
						DIRECT COSTS	LESS:ADJ FOR MTDC	MODIFIED DIRECT COSTS	EQUIP	OTHER EXPEND	INDIRECT COSTS	FEE	IDC		
VIRGINIA SPACE GRANT CONSORTIUM															
VSGC	CARTER, C.	GEOSPATIAL TECHNICIAN EDUC UNMANNED AIRCRAFT SYSTEMS	100607-010	9701	26.00	118,234.38	47,868.62	70,365.76	-	47,868.62	18,295.08	6,403.28	-	11,891.80	
VSGC	CARTER, C.	PROVIDE GEOSPATIAL SERVICES STUDENT INTERNSHIPS THROUGH CSIP	500323-010	9701	26.00	771.87	-	771.87	-	-	200.69	70.24	-	130.45	
VSGC	SANDY, M.	FAA RUNWAY DESIGN MOD#16	100419-010	9701	42.00	(0.05)	-	(0.05)	-	-	-	-	-	-	
VSGC	SANDY, M.	NASA VIRGINIA AEROSPACE SCIENCE AND TECHNOLOGY SCHOLARS	100522-010	9701	26.00	37,177.98	-	37,177.98	-	-	9,666.28	3,383.20	-	6,283.08	
VSGC	SANDY, M.	NASA- NATIONAL SPACE GRANT TRAINING GRANT	100527-010	9701	26.00	393,406.61	242,717.13	150,689.48	-	242,717.13	39,179.27	13,712.74	-	25,466.53	
VSGC	SANDY, M.	SCHEV VASTS 2011-12	200005-010	9701	-	249,408.11	98,525.92	150,882.19	-	98,525.92	-	-	-	-	
VSGC	SANDY, M.	VASTS/VESSES ACCOUNT	200005-011	9701	-	60,110.75	45,276.17	14,834.58	-	45,276.17	-	-	-	-	
VSGC	SANDY, M.	SCHEV SCHOLARSHIPS/ FELLOWSHIPS	200009-010	9701	-	165,921.58	165,921.58	-	-	165,921.58	-	-	-	-	
VSGC	SANDY, M.	SCHEV STATE STEM PROJECTS	200009-020	9701	-	83,431.41	74,232.04	9,199.37	-	74,232.04	-	-	-	-	
VSGC	SANDY, M.	STATE COUNCIL OF HIGHER EDUCATION FOR VIRGINIA FUNDS - AVIATION PILOT TRAINING	200278-010	9701	-	16,248.82	12,593.31	3,655.51	-	12,593.31	-	-	-	-	
VSGC	SANDY, M.	UVA ON-CAMPUS STEM PROGRAMS	300030-010	9701	-	54,522.15	671.53	53,850.62	-	671.53	-	-	-	-	
VSGC	SANDY, M.	VT COMMONWEALTH STEM INDUSTRY	300040-010	9701	-	136,283.93	5,672.20	130,611.73	-	5,672.20	-	-	-	-	
VSGC	SANDY, M.	ODU VA SPACE COAST ACADEMY	300125-010	9701	-	150,450.33	42,168.09	108,282.24	-	42,168.09	-	-	-	-	
VSGC	SANDY, M.	HU VA EARTH SYSTEMS SCIENCE SCHOLARS	300342-010	9701	26.00	29,507.01	-	29,507.01	-	-	7,671.82	2,685.14	-	4,986.68	
VSGC	SANDY, M.	STEM TAKES FLIGHT AT VCCS	300419-010	9701	-	58,695.54	58,500.00	195.54	-	58,500.00	-	-	-	-	
VSGC	SANDY, M.	NAS ACRP GRAD RESEARCH AWARD MOD#2	400204-010	9701	26.00	179,832.76	74,908.01	104,924.75	-	74,908.01	27,280.43	9,548.15	-	17,732.28	
VSGC	SANDY, M.	UNDERGRAD STUDENT INSTRUMENT PROJECT	* 100595-010	9701	26.00	3,512.24	1,578.78	1,933.36	-	1,578.78	502.67	175.93	-	326.74	
VSGC	SANDY, M.	UNDERGRAD STUDENT INSTRUMENT PROJECT	* 100595-011	9701	-	372.24	-	372.24	-	-	-	-	-	-	
						\$ 1,737,887.57	\$ 870,633.38	\$ 867,254.19	\$ -	\$ 870,633.38	\$ 102,796.24	\$ -	\$ 35,978.68	\$ -	\$ 66,817.56

* Note: Split reporting based upon project allocation between Principal Investigators.

Section 3

Sponsored Program Expenditures

Combined Schedule of Project Activity - Detail Schedule of direct and indirect cost recoveries by individual project for the six-month period ended June 30, 2019

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST ALLOCATION REPORT
SPONSORED PROGRAM EXPENDITURES BY INDIVIDUAL PROJECT**

FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
Dean's Office												
200279-010	NORFOLK COMMISSION ON THE ARTS & HUMANITIES	STRAWN, C.	1010	-	1,999.00	-	-	1,999.00	-	-	1,999.00	TRAD
1010 Total				-	1,999.00	-	-	1,999.00	-	-	1,999.00	0.00%
English												
300396-010 *	OLD DOMINION UNIVERSITY	ZAREVA, A.	1012	23,978.33	19,611.85	-	12,511.25	56,101.44	3,487.22	-	59,588.65	TRAD
1012 Total				23,978.33	19,611.85	-	12,511.25	56,101.44	3,487.22	-	59,588.65	6.22%
History												
600219-010	NORWEGIAN MARITIME MUSEUM	HEIDBRINK, I.	1014	29,762.26	-	-	-	29,762.26	7,738.20	-	37,500.46	TRAD
1014 Total				29,762.26	-	-	-	29,762.26	7,738.20	-	37,500.46	26.00%
Philosophy												
100799-010 *	NATIONAL SECURITY AGENCY	WITTKOWER, D.	1017.9	1,818.23	-	-	-	1,818.23	1,000.03	-	2,818.25	TRAD
1014 Total				1,818.23	-	-	-	1,818.23	1,000.03	-	2,818.25	55.00%
Political Science & Geography												
400361-010	WILDLIFE MANAGEMENT INSTITUTE	ALLEN, T.	1018	26,859.31	1,718.52	-	-	28,577.83	7,430.24	-	36,008.07	TRAD
100682-010 *	U.S. FISH AND WILDLIFE SERVICES	ALLEN, T.	1018	-	852.87	-	-	852.87	221.75	-	1,074.62	TRAD
1018 Total				26,859.31	2,571.39	-	-	29,430.70	7,651.99	-	37,082.69	26.00%
Sociology and Criminal Justice												
100640-010	NATIONAL INSTITUTE OF JUSTICE	DAI, M.	1019	49,605.86	2,040.16	-	-	51,646.02	28,405.31	-	80,051.33	TRAD
100792-010	NATIONAL INSTITUTE OF JUSTICE	DAI, M.	1019	2,481.93	11,509.29	-	-	13,991.22	7,695.17	-	21,686.39	TRAD
200248-010 *	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	GAINEY, R.	1019	4,408.49	-	-	-	4,408.49	1,146.21	-	5,554.71	TRAD
300519-010 *	EASTERN VIRGINIA MEDICAL SCHOOL	GAINEY, R.	1019	466.52	268.50	-	-	735.02	-	-	735.02	TRAD
500372-010 *	HOGAN-LOVELLS	GAINEY, R.	1019	545.43	-	-	-	545.43	299.98	-	845.41	TRAD
200267-010	CITY OF PORTSMOUTH	SUMTER, M.	1019	-	-	-	2,892.18	2,892.18	1,590.35	-	4,482.53	TRAD
200248-010 *	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	TRIPLETT, R.	1019	4,408.49	-	-	-	4,408.49	1,146.21	-	5,554.71	TRAD
100581-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	YANG, X.	1019	54,492.89	11,793.44	-	151,468.00	217,754.33	36,457.48	-	254,211.81	TRAD
1019 Total				116,409.61	25,611.39	-	154,360.18	296,381.18	76,740.72	-	373,121.90	25.89%
Social Science Research Center												
200285-010	CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, T.	1060	-	-	-	53.20	53.20	-	-	53.20	SSRC
200295-010	CITY OF CHESAPEAKE	VANDECAR-BURDIN, T.	1060	411.89	480.00	-	-	891.89	490.54	-	1,382.43	SSRC
300312-010	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	-	(914.98)	-	-	(914.98)	(45.75)	-	(960.73)	SSRC
300513-010	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	16,538.39	13,430.31	-	-	29,968.70	1,498.44	-	31,467.14	SSRC
300521-010	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	6,580.09	1,831.00	-	-	8,411.09	-	-	8,411.09	SSRC
400411-010	VIRGINIA ARTS FESTIVAL	VANDECAR-BURDIN, T.	1060	967.62	857.03	-	-	1,824.65	474.41	-	2,299.06	SSRC
200248-010 *	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	VANDECAR-BURDIN, T.	1060	4,542.08	-	-	-	4,542.08	1,180.95	-	5,723.03	SSRC
300356-040 *	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, T.	1060	4,850.18	-	-	-	4,850.18	388.01	-	5,238.19	SSRC
300519-010 *	EASTERN VIRGINIA MEDICAL SCHOOL	VANDECAR-BURDIN, T.	1060	4,198.69	2,416.50	-	-	6,615.19	-	-	6,615.19	SSRC
500372-010 *	HOGAN-LOVELLS	VANDECAR-BURDIN, T.	1060	409.07	-	-	-	409.07	224.99	-	634.06	SSRC
1060 Total				38,498.01	18,099.86	-	53.20	56,651.07	4,211.59	-	60,862.66	7.43%
TOTAL COLLEGE OF ARTS AND LETTERS				\$ 237,325.75	\$ 67,893.49	\$ -	\$ 166,924.63	\$ 472,143.88	\$ 100,829.73	\$ -	\$ 572,973.61	21.36%

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
STROME COLLEGE OF BUSINESS												
Information Technology/Decision Sciences												
100621-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	2032	2,105.10	-	-	-	2,105.10	1,157.81	3,262.91	TRAD	
100731-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	2032	98,688.16	-	-	-	98,688.16	-	98,688.16	TRAD	
100673-010	* NATIONAL SCIENCE FOUNDATION	LI, L.	2032	2,756.41	-	-	2,205.40	4,961.81	1,516.03	6,477.83	TRAD	
100621-010	* NATIONAL SCIENCE FOUNDATION	XU, L.	2032	2,105.10	-	-	-	2,105.10	1,157.81	3,262.91	TRAD	
100673-010	* NATIONAL SCIENCE FOUNDATION	XU, L.	2032	2,756.41	-	-	2,205.40	4,961.81	1,516.03	6,477.83	TRAD	
			2032 Total	108,411.17	-	-	4,410.80	112,821.97	5,347.68	118,169.65	4.74%	
Information Technology/Decision Sciences -CYBER - Center for Cybersecurity												
100709-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	2032.9	3,751.02	1,875.87	-	7,945.20	13,572.09	3,094.79	16,666.88	CYBER	
100648-010	* NATIONAL SCIENCE FOUNDATION	HE, W.	2032.9	663.50	4,043.94	-	7,051.84	11,759.27	2,589.09	14,348.36	CYBER	
100706-010	* NATIONAL SECURITY AGENCY	HE, W.	2032.9	-	167.52	-	-	167.52	92.11	259.63	CYBER	
			2032 Total	4,414.52	6,087.33	-	14,997.04	25,498.88	5,775.99	31,274.87	22.65%	
Economics												
500372-010	* HOGAN-LOVELLS	AGARWAL, V.	2038	272.71	-	-	-	272.71	149.99	422.71	TRAD	
500372-010	* HOGAN-LOVELLS	BLAKE-GONZALEZ, B.	2038	136.36	-	-	-	136.36	75.00	211.35	TRAD	
300520-010	GEORGE MASON UNIVERSITY	MCNAB, R.	2038	13,947.71	2,488.70	-	-	16,436.41	1,643.65	18,080.06	TRAD	
500372-010	* HOGAN-LOVELLS	MCNAB, R.	2038	1,363.57	-	-	-	1,363.57	749.96	2,113.53	TRAD	
			2032 Total	15,720.34	2,488.70	-	-	18,209.04	2,618.60	20,827.64	14.38%	
School of Public Service												
200246-020	* CITY OF VIRGINIA BEACH	NICULA, J.	2040	4,612.69	92.00	-	-	4,704.69	1,223.22	5,927.91	TRAD	
100625-010	* NATIONAL SCIENCE FOUNDATION	YUSUF, J.	2040	1,793.13	154.94	-	-	1,948.07	1,071.44	3,019.51	TRAD	
200246-020	* CITY OF VIRGINIA BEACH	YUSUF, J.	2040	4,612.69	92.00	-	-	4,704.69	1,223.22	5,927.91	TRAD	
300366-010	* UNIVERSITY OF NORTH CAROLINA	YUSUF, J.	2040	2,104.10	3,307.19	-	-	5,411.29	2,976.21	8,387.50	TRAD	
300471-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	YUSUF, J.	2040	2,628.50	273.54	-	-	2,902.04	-	2,902.04	TRAD	
300492-010	* OLD DOMINION UNIVERSITY	YUSUF, J.	2040	4,127.74	313.01	-	-	4,440.74	-	4,440.74	TRAD	
			2032 Total	19,878.84	4,232.67	-	-	24,111.51	6,494.09	30,605.60	26.93%	
TOTAL STROME COLLEGE OF BUSINESS				\$ 148,424.87	\$ 12,808.70	\$ -	\$ 19,407.84	\$ 180,641.41	\$ 20,236.35	\$ -	\$ 200,877.76	11.20%

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				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
DARDEN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES												
Dean's Office												
300360-040 *	OLD DOMINION UNIVERSITY	BARBER, M.	3040	988.27	-	-	3,333.85	4,322.12	-	4,322.12	TRAD	
300360-810	OLD DOMINION UNIVERSITY	BRAY, J.	3040	-	13,449.46	-	179.95	13,629.41	-	13,629.41	TRAD	
300360-030 *	OLD DOMINION UNIVERSITY	BRAY, J.	3040	818.15	945.11	-	5,513.89	7,277.15	-	7,277.15	TRAD	
300360-040 *	OLD DOMINION UNIVERSITY	BRAY, J.	3040	494.14	-	-	1,666.92	2,161.06	-	2,161.06	TRAD	
300478-010 *	OLD DOMINION UNIVERSITY	BRAY, J.	3040	-	1,546.62	-	24,009.59	25,556.21	-	25,556.21	TRAD	
400389-010	THE UP CENTER	DICE, T.	3040	10,000.27	-	-	-	10,000.27	-	10,000.27	TRAD	
300360-030 *	OLD DOMINION UNIVERSITY	DICKINSON, G.	3040	2,045.36	2,362.78	-	13,784.73	18,192.88	-	18,192.88	TRAD	
300360-040 *	OLD DOMINION UNIVERSITY	DICKINSON, G.	3040	988.27	-	-	3,333.85	4,322.12	-	4,322.12	TRAD	
300478-010 *	OLD DOMINION UNIVERSITY	DICKINSON, G.	3040	-	1,501.13	-	23,303.43	24,804.56	-	24,804.56	TRAD	
300360-030 *	OLD DOMINION UNIVERSITY	SHAEFFER, M.	3040	4,090.73	4,725.56	-	27,569.47	36,385.75	-	36,385.75	TRAD	
300360-040 *	OLD DOMINION UNIVERSITY	SHAEFFER, M.	3040	7,412.03	-	-	25,003.84	32,415.87	-	32,415.87	TRAD	
300478-010 *	OLD DOMINION UNIVERSITY	SHAEFFER, M.	3040	-	1,501.13	-	23,303.43	24,804.56	-	24,804.56	TRAD	
300360-030 *	OLD DOMINION UNIVERSITY	UNDERWOOD, J.	3040	1,227.22	1,417.67	-	8,270.84	10,915.73	-	10,915.73	TRAD	
3040 Total				28,064.43	27,449.46	-	159,273.77	214,787.66	-	214,787.66	0.00%	
Dean's Office - CYBER - Center for Cybersecurity												
100799-010 *	NATIONAL SECURITY AGENCY	DICE, T.	3040.9	1,818.23	-	-	-	1,818.23	1,000.03	2,818.25	CYBER	
3041 Total				1,818.23	-	-	-	1,818.23	1,000.03	2,818.25	55.00%	
Teaching and Learning												
300488-010 *	GEORGE MASON UNIVERSITY	COLWELL, J.	3041	15,269.42	-	-	-	15,269.42	3,970.05	19,239.47	TRAD	
100252-010 *	NATIONAL SCIENCE FOUNDATION	CROMPTON, H.	3041	327.26	2,574.08	-	383.14	3,284.47	1,537.71	4,822.18	TRAD	
300518-010 *	OLD DOMINION UNIVERSITY	CROMPTON, H.	3041	10,371.92	-	-	-	10,371.92	414.88	10,786.80	TRAD	
100802-010 *	NATIONAL SCIENCE FOUNDATION	ENDERSON, M.	3041	3,351.37	376.86	-	-	3,728.23	2,050.53	5,778.76	TRAD	
100802-010 *	NATIONAL SCIENCE FOUNDATION	GRANT, M.	3041	3,351.37	376.86	-	-	3,728.23	2,050.53	5,778.76	TRAD	
100736-010 *	NATIONAL SCIENCE FOUNDATION	GUTIERREZ, K.	3041	4,705.67	277.58	-	-	4,983.25	2,740.79	7,724.04	TRAD	
300488-010 *	GEORGE MASON UNIVERSITY	GUTIERREZ, K.	3041	6,544.04	-	-	-	6,544.04	1,701.45	8,245.49	TRAD	
100736-010 *	NATIONAL SCIENCE FOUNDATION	KIDD, J.	3041	6,274.22	370.11	-	-	6,644.34	3,654.39	10,298.72	TRAD	
400370-010 *	ARTS MIDWEST	LEE, G.	3041	1,745.36	775.16	-	-	2,520.52	655.34	3,175.86	TRAD	
300453-010	WAYNESBURG UNIVERSITY	SUH, Y.	3041	-	834.14	-	400.00	1,234.14	-	1,234.14	TRAD	
3041 Total				51,940.62	5,584.80	-	783.14	58,308.56	18,775.65	77,084.21	32.20%	
STEM Education and Professional Studies												
100599-010 *	OFFICE OF NAVAL RESEARCH	ARCAUTE, K.	3042	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31	TRAD	
100702-010 *	NATIONAL SCIENCE FOUNDATION	ARCAUTE, K.	3042	792.89	752.97	-	-	1,545.86	850.22	2,396.08	TRAD	
300395-010	UNIVERSITY OF MARYLAND	DISCALA, J.	3042	4,217.56	-	-	-	4,217.56	2,319.66	6,537.22	TRAD	
300030-014 *	UNIVERSITY OF VIRGINIA	TOMOVIC, C.	3042	350.55	244.92	-	30.00	625.47	-	625.47	TRAD	
3042 Total				21,653.57	1,111.97	-	30.00	22,795.54	12,193.54	34,989.08	53.49%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			TOTAL DIRECT COSTS	PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER		REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Communication Disorders and Special Education													
300346-040 *	OLD DOMINION UNIVERSITY	BOBZIEN, J.	3045	3,404.56	52.66	-	10,621.97	14,079.19	-	-	14,079.19	TRAD	
100559-010 *	U.S. DEPARTMENT OF EDUCATION	BOBZIEN, J.	3045	6,940.73	-	-	26,915.13	33,855.86	555.25	-	34,411.12	TRAD	
300506-010 *	GEORGE MASON UNIVERSITY	BOBZIEN, J.	3045	1,586.81	125.17	-	2,719.78	4,431.76	136.96	-	4,568.72	TRAD	
300449-010	OLD DOMINION UNIVERSITY	GABLE, R.	3045	38,222.21	17,065.58	-	-	55,287.79	4,423.02	-	59,710.81	TRAD	
300346-040 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	3,404.56	52.66	-	10,621.97	14,079.19	-	-	14,079.19	TRAD	
300356-040 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	12,125.44	-	-	-	12,125.44	970.04	-	13,095.47	TRAD	
300405-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	-	-	-	-	-	(0.74)	(0.74)	-	TRAD	
300456-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	29,903.08	32,257.72	-	8,320.08	70,480.87	4,972.87	-	75,453.73	TRAD	
300456-020 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	20,864.78	22,140.79	-	4,727.18	47,732.74	3,440.45	-	51,173.18	TRAD	
300480-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	60,848.97	36,602.93	-	8,568.15	106,020.04	7,796.15	-	113,816.19	TRAD	
300496-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	62,375.14	-	-	-	62,375.14	4,990.02	-	67,365.16	TRAD	
300499-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	15,018.09	-	-	-	15,018.09	1,201.45	-	16,219.54	TRAD	
300500-010 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	150,162.83	1,195.84	-	-	151,358.67	12,108.70	-	163,467.37	TRAD	
300500-020 *	OLD DOMINION UNIVERSITY	GABLE, R.	3045	116,408.49	80.00	-	-	116,488.49	9,319.08	-	125,807.57	TRAD	
300501-010 *	GEORGE MASON UNIVERSITY	GABLE, R.	3045	3,380.81	-	-	936.44	4,317.25	270.46	-	4,587.72	TRAD	
300505-010 *	UNIVERSITY OF OREGON	GABLE, R.	3045	49,429.39	11,592.59	-	-	61,021.97	15,865.72	-	76,887.69	TRAD	
400383-010 *	SASED - MIDWEST PBIS	GABLE, R.	3045	2,828.79	357.15	-	-	3,185.94	828.35	-	4,014.29	TRAD	
100559-010 *	U.S. DEPARTMENT OF EDUCATION	GEAR, S.	3045	7,151.06	-	-	27,730.74	34,881.80	572.08	-	35,453.88	TRAD	
100601-010 *	U.S. DEPARTMENT OF EDUCATION	GEAR, S.	3045	30,780.08	9,357.53	-	9,583.94	49,721.55	10,435.78	-	60,157.33	TRAD	
100559-010 *	U.S. DEPARTMENT OF EDUCATION	HESTER, P.	3045	6,940.73	-	-	26,915.13	33,855.86	555.25	-	34,411.12	TRAD	
100601-010 *	U.S. DEPARTMENT OF EDUCATION	HESTER, P.	3045	61,560.16	18,715.07	-	19,167.87	99,443.09	20,871.57	-	120,314.65	TRAD	
300396-010 *	OLD DOMINION UNIVERSITY	JUDGE, S.	3045	23,978.33	19,611.85	-	12,511.25	56,101.44	3,487.22	-	59,588.65	TRAD	
300346-040 *	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	3045	5,106.84	78.98	-	15,932.96	21,118.79	-	-	21,118.79	TRAD	
300356-040 *	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	3045	12,125.44	-	-	-	12,125.44	970.04	-	13,095.47	TRAD	
300499-010 *	OLD DOMINION UNIVERSITY	MAYDOSZ, A.	3045	15,018.09	-	-	-	15,018.09	1,201.45	-	16,219.54	TRAD	
300501-010 *	GEORGE MASON UNIVERSITY	MAYDOSZ, A.	3045	3,380.81	-	-	936.44	4,317.25	270.46	-	4,587.72	TRAD	
300505-010 *	UNIVERSITY OF OREGON	MAYDOSZ, A.	3045	49,429.39	11,592.59	-	-	61,021.97	15,865.72	-	76,887.69	TRAD	
300506-010 *	GEORGE MASON UNIVERSITY	MAYDOSZ, A.	3045	1,586.81	125.17	-	2,719.78	4,431.76	136.96	-	4,568.72	TRAD	
400383-010 *	SASED - MIDWEST PBIS	MAYDOSZ, A.	3045	2,828.79	357.15	-	-	3,185.94	828.35	-	4,014.29	TRAD	
300456-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	29,903.08	32,257.72	-	8,320.08	70,480.87	4,972.87	-	75,453.73	TRAD	
300456-020 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	20,864.78	22,140.79	-	4,727.18	47,732.74	3,440.45	-	51,173.18	TRAD	
300497-010	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	-	5,223.19	-	251.83	5,475.02	417.85	-	5,892.87	TRAD	
300516-010	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	-	55,507.88	-	2,600.65	58,108.53	4,440.63	-	62,549.16	TRAD	
300523-010	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	-	8,615.90	-	-	8,615.90	689.27	-	9,305.17	TRAD	
300346-040 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	5,106.84	78.98	-	15,932.96	21,118.79	-	-	21,118.79	TRAD	
300356-040 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	19,400.70	-	-	-	19,400.70	1,552.06	-	20,952.76	TRAD	
300405-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	-	-	-	-	-	(0.74)	(0.74)	-	TRAD	
300480-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	60,848.97	36,602.93	-	8,568.15	106,020.04	7,796.15	-	113,816.19	TRAD	
300496-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	62,375.14	-	-	-	62,375.14	4,990.02	-	67,365.16	TRAD	
300499-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	15,473.19	-	-	-	15,473.19	1,237.86	-	16,711.04	TRAD	
300500-010 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	150,162.83	1,195.84	-	-	151,358.67	12,108.70	-	163,467.37	TRAD	
300500-020 *	OLD DOMINION UNIVERSITY	TONELSON, S.	3045	116,408.49	80.00	-	-	116,488.49	9,319.08	-	125,807.57	TRAD	
300501-010 *	GEORGE MASON UNIVERSITY	TONELSON, S.	3045	3,483.26	-	-	964.82	4,448.08	278.66	-	4,726.74	TRAD	
300505-010 *	UNIVERSITY OF OREGON	TONELSON, S.	3045	50,927.25	11,943.88	-	-	62,871.12	16,346.50	-	79,217.62	TRAD	
300506-010 *	GEORGE MASON UNIVERSITY	TONELSON, S.	3045	1,634.90	128.96	-	2,802.20	4,566.05	141.11	-	4,707.16	TRAD	
400383-010 *	SASED - MIDWEST PBIS	TONELSON, S.	3045	2,914.51	367.98	-	-	3,282.48	853.45	-	4,135.93	TRAD	
100673-010 *	NATIONAL SCIENCE FOUNDATION	WATSON, S.	3045	2,756.41	-	-	2,205.40	4,961.81	1,516.03	-	6,477.83	TRAD	
300396-010 *	OLD DOMINION UNIVERSITY	WATSON, S.	3045	24,704.95	20,206.15	-	12,890.38	57,801.48	3,592.89	-	61,394.37	TRAD	
3045 Total				1,363,756.48	375,711.58	-	248,192.42	1,987,660.48	195,765.45	-	2,183,425.93	9.85%	
Educational Foundations and Leadership													
300509-010 *	UNIVERSITY OF MASSACHUSETTS (ALL CAMPUSES)	DICKMAN, R.	3046	604.99	395.00	-	-	999.99	-	-	999.99	TRAD	
300402-010	MICHIGAN STATE UNIVERSITY	PEREZ, A.	3046	21,677.97	721.82	-	7,325.00	29,724.79	12,319.88	-	42,044.67	TRAD	
100673-010 *	NATIONAL SCIENCE FOUNDATION	PRIBESH, S.	3046	2,756.41	-	-	2,205.40	4,961.81	1,516.03	-	6,477.83	TRAD	
200188-040 *	OLD DOMINION UNIVERSITY	SANZO, K.	3046	(1.95)	-	-	(154.87)	(156.83)	(0.16)	-	(156.98)	TRAD	
400401-010	SPENCER FOUNDATION	WHITE, R.	3046	7,384.38	-	-	-	7,384.38	-	-	7,384.38	TRAD	
3046 Total				32,421.79	1,116.82	-	9,375.53	42,914.14	13,835.75	-	56,749.89	32.24%	
Educational Foundations and Leadership - CYBER - Center for Cybersecurity													
100709-010 *	NATIONAL SCIENCE FOUNDATION	PRIBESH, S.	3046.9	3,751.02	1,875.87	-	7,945.20	13,572.09	3,094.79	-	16,666.88	CYBER	
3046 Total				3,751.02	1,875.87	-	7,945.20	13,572.09	3,094.79	-	16,666.88	22.80%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
Counseling and Human Services												
100689-020 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KEMER, G.	3047	8,124.57	-	-	15,488.31	23,612.88	649.97	24,262.85	TRAD	
100689-020 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	MOE, J.	3047	13,927.84	-	-	26,551.39	40,479.23	1,114.23	41,593.46	TRAD	
300349-010	EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, M.	3047	14,304.44	-	-	4,863.00	19,167.44	1,144.37	20,311.81	TRAD	
100689-020 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	REHFUSS, M.	3047	14,508.17	-	-	27,657.70	42,165.87	1,160.66	43,326.52	TRAD	
300349-011 *	EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, M.	3047	2,627.19	-	-	-	2,627.19	210.17	2,837.36	TRAD	
3047 Total				53,492.21	-	-	74,560.40	128,052.61	4,279.39	132,332.00	3.34%	
Center for Educational Partnerships												
300502-010 *	WESTERN WASHINGTON UNIVERSITY	BROBST, J.	3048	7,679.14	63.80	-	-	7,742.94	407.29	8,150.22	TCEP	
300503-010	WESTERN WASHINGTON UNIVERSITY	BROBST, J.	3048	9,372.31	-	-	-	9,372.31	5,154.77	14,527.08	TCEP	
100721-010 *	OFFICE OF NAVAL RESEARCH	CHAPPELL, S.	3048	2,659.79	-	-	-	2,659.79	957.52	3,617.31	TCEP	
200213-010 *	CHESAPEAKE PUBLIC SCHOOLS	CHAPPELL, S.	3048	3,856.73	-	-	-	3,856.73	-	3,856.73	TCEP	
300502-010 *	WESTERN WASHINGTON UNIVERSITY	CHAPPELL, S.	3048	7,679.14	63.80	-	-	7,742.94	407.29	8,150.22	TCEP	
200009-022	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	GARNER, J.	3048	553.12	1,666.37	-	-	2,219.49	-	2,219.49	TCEP	
200188-040 *	OLD DOMINION UNIVERSITY	GARNER, J.	3048	(5.86)	-	-	(464.62)	(470.48)	(0.47)	(470.95)	TCEP	
200225-010	PRINCE WILLIAM COUNTY PUBLIC SCHOOLS	GARNER, J.	3048	2,747.86	-	-	-	2,747.86	1,511.31	4,259.17	TCEP	
100721-010 *	OFFICE OF NAVAL RESEARCH	GARNER, J.	3048	2,740.39	-	-	-	2,740.39	986.54	3,726.93	TCEP	
200213-010 *	CHESAPEAKE PUBLIC SCHOOLS	GARNER, J.	3048	3,856.73	-	-	-	3,856.73	-	3,856.73	TCEP	
400354-010 *	CHESAPEAKE BAY FOUNDATION	GARNER, J.	3048	-	1,468.26	-	-	1,468.26	-	1,468.26	TCEP	
100721-010 *	OFFICE OF NAVAL RESEARCH	LONEY, M.	3048	2,659.79	-	-	-	2,659.79	957.52	3,617.31	TCEP	
200188-040 *	OLD DOMINION UNIVERSITY	LONEY, M.	3048	(25.39)	-	-	(2,013.35)	(2,038.74)	(2.03)	(2,040.77)	TCEP	
200290-010 *	YORK COUNTY SCHOOLS	LONEY, M.	3048	11,323.77	433.39	-	-	11,757.17	587.86	12,345.03	TCEP	
400354-010 *	CHESAPEAKE BAY FOUNDATION	LONEY, M.	3048	-	2,202.40	-	-	2,202.40	-	2,202.40	TCEP	
200290-010 *	YORK COUNTY SCHOOLS	WEBSTER, H.	3048	4,853.05	185.74	-	-	5,038.79	251.94	5,290.73	TCEP	
200188-040 *	OLD DOMINION UNIVERSITY	WHITTECAR, G.	3048	(5.86)	-	-	(464.62)	(470.48)	(0.47)	(470.95)	TCEP	
3048 Total				59,944.68	6,083.76	-	(2,942.59)	63,085.86	11,219.08	74,304.93	17.78%	
TOTAL DARDEN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES				\$ 1,616,843.03	\$ 418,934.26	\$ -	\$ 497,217.88	\$ 2,532,995.17	\$ 260,163.68	\$ -	\$ 2,793,158.85	10.27%

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
BATTEN COLLEGE OF ENGINEERING AND TECHNOLOGY													
Dean's Office													
100638-010	NATIONAL SCIENCE FOUNDATION	ADAMS, S.	4051		1,378.78	3,170.04	-	-	4,548.82	2,501.84		7,050.66	TRAD
100644-010	NATIONAL SCIENCE FOUNDATION	ADAMS, S.	4051		8,192.29	11,524.53	-	126,085.23	145,802.05	10,844.25		156,646.30	TRAD
100734-010	NATIONAL SCIENCE FOUNDATION	ADAMS, S.	4051		-	5,752.95	-	8,500.00	14,252.95	1,495.77		15,748.72	TRAD
300447-010	UNIVERSITY OF VIRGINIA	ADAMS, S.	4051		8,325.95	(311.88)	-	(277.12)	7,736.95	2,564.50		10,301.45	TRAD
100599-010 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		32,585.14	228.16	-	-	32,813.30	18,047.32		50,860.62	TRAD
100702-010 *	NATIONAL SCIENCE FOUNDATION	DEAN, A.	4051		792.89	752.97	-	-	1,545.86	850.22		2,396.08	TRAD
100708-010 *	NATIONAL SCIENCE FOUNDATION	DEAN, A.	4051		10,359.08	217.50	-	18,000.00	28,576.58	5,817.12		34,393.70	TRAD
100720-010 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		12,583.44	69,210.27	3,315.00	-	85,108.72	44,986.54		130,095.26	TRAD
100720-012 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		6,799.98	7,735.86	-	-	14,535.84	-		14,535.84	TRAD
100720-013 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		13,811.82	4,178.98	-	-	17,990.80	-		17,990.80	TRAD
100720-014 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		3,957.88	10,142.87	-	-	14,100.75	-		14,100.75	TRAD
100791-010 *	OFFICE OF NAVAL RESEARCH	DEAN, A.	4051		22,629.91	280.11	-	856.88	23,766.90	14,891.51		38,658.41	TRAD
500343-010 *	CACI, INC.--FEDERAL	DEAN, A.	4051		-	-	-	(0.28)	(0.28)	-		(0.28)	TRAD
100708-010 *	NATIONAL SCIENCE FOUNDATION	LANDAETA, R.	4051		5,179.54	108.75	-	9,000.00	14,288.29	2,908.56		17,196.85	TRAD
100720-010 *	OFFICE OF NAVAL RESEARCH	LANDAETA, R.	4051		12,089.98	66,496.15	3,185.00	-	81,771.12	43,222.36		124,993.48	TRAD
100720-012 *	OFFICE OF NAVAL RESEARCH	LANDAETA, R.	4051		6,533.31	7,432.49	-	-	13,965.80	-		13,965.80	TRAD
100720-013 *	OFFICE OF NAVAL RESEARCH	LANDAETA, R.	4051		13,270.18	4,015.09	-	-	17,285.27	-		17,285.27	TRAD
100720-014 *	OFFICE OF NAVAL RESEARCH	LANDAETA, R.	4051		3,802.67	9,745.11	-	-	13,547.78	-		13,547.78	TRAD
100630-010 *	NATIONAL SCIENCE FOUNDATION	STUART, B.	4051		82.39	1,987.15	-	-	2,069.53	1,138.24		3,207.77	TRAD
300485-010 *	SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY	STUART, B.	4051		1,021.15	1,176.17	-	-	2,197.33	1,208.53		3,405.86	TRAD
			4051 Total		163,396.37	203,843.27	6,500.00	162,164.71	535,904.36	150,476.77	-	686,381.12	28.08%
Civil and Environmental Engineering													
300305-013 *	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		12,359.71	19.25	-	-	12,378.96	6,560.85		18,939.81	TRAD
300305-014	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		3,629.95	31.45	-	-	3,661.40	1,940.56		5,601.96	TRAD
300305-015	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		227.30	920.35	-	-	1,147.65	608.25		1,755.90	TRAD
300305-016	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		6,960.71	70.82	-	-	7,031.53	3,867.34		10,898.87	TRAD
300305-018	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		21,409.75	854.52	-	-	22,264.27	12,245.34		34,509.61	TRAD
200284-010 *	VA TRANSPORTATION RESEARCH COUNCIL	CETIN, M.	4053		8,354.27	80.16	-	-	8,434.43	2,192.95		10,627.37	TRAD
300305-017 *	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		36.76	128.22	-	-	164.99	90.74		255.73	TRAD
300305-019 *	UNIVERSITY OF VIRGINIA	CETIN, M.	4053		5,953.87	515.25	-	-	6,469.12	3,558.02		10,027.13	TRAD
300511-010 *	GEORGE MASON UNIVERSITY	CETIN, M.	4053		2,700.03	825.00	-	-	3,525.03	916.51		4,441.54	TRAD
500382-010 *	LEIDOS	CETIN, M.	4053		2,945.62	-	-	-	2,945.62	1,620.09		4,565.71	TRAD
600221-010	MYONGJI UNIVERSITY	CHAE, Y.	4053		8,581.08	2,000.00	-	-	10,581.08	5,819.59		16,400.67	TRAD
300030-014 *	UNIVERSITY OF VIRGINIA	ERTEN-UNAL, M.	4053		701.10	489.85	-	60.00	1,250.95	-		1,250.95	TRAD
300494-010 *	HAMPTON UNIVERSITY	ERTEN-UNAL, M.	4053		10,753.35	-	-	-	10,753.35	5,914.35		16,667.70	TRAD
100250-010	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		30,528.16	901.64	-	-	31,429.80	16,657.79		48,087.59	TRAD
100250-011	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		396.46	-	-	-	396.46	218.05		614.51	TRAD
100250-020	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		-	-	-	4,303.03	4,303.03	-		4,303.03	TRAD
100574-010	SANDIA NATIONAL LABORATORIES	KUMAR, S.	4053		6,547.80	40.94	-	-	6,588.74	-		6,588.74	TRAD
100630-011	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		7,692.00	6,477.42	-	2,818.00	16,987.42	7,793.18		24,780.60	TRAD
100630-020	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		-	-	-	1,140.00	1,140.00	-		1,140.00	TRAD
100696-010	U.S. ENVIRONMENTAL PROTECTION AGENCY	KUMAR, S.	4053		-	747.27	-	-	747.27	411.00		1,158.27	TRAD
500402-010	ZIVO BIOSCIENCE	KUMAR, S.	4053		8,913.19	482.58	-	-	9,395.77	5,167.68		14,563.45	TRAD
100593-010 *	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		1,897.10	800.93	-	18,198.07	20,896.10	1,483.92		22,380.02	TRAD
100630-010 *	NATIONAL SCIENCE FOUNDATION	KUMAR, S.	4053		164.77	3,974.29	-	-	4,139.06	2,276.48		6,415.55	TRAD
300485-010 *	SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY	KUMAR, S.	4053		4,084.62	4,704.69	-	-	8,789.30	4,834.12		13,623.42	TRAD
300482-010	MICHIGAN TECH UNIVERSITY	MA, G.	4053		3,891.06	-	-	-	3,891.06	2,140.08		6,031.14	TRAD
300435-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	TAHVILDARI, N.	4053		13,384.28	347.45	-	557.00	14,288.73	-		14,288.73	TRAD
300305-017 *	UNIVERSITY OF VIRGINIA	TAHVILDARI, N.	4053		130.35	454.61	-	-	584.95	321.72		906.67	TRAD
100653-010	NATIONAL SCIENCE FOUNDATION	WANG, X.	4053		2,249.72	1,942.97	-	30,760.04	34,952.73	1,090.10		36,042.83	TRAD
100699-010	STRATEGIC ENVIRONMENTAL RESEARCH & DEVELOPMENT PROJ	WANG, X.	4053		38,044.90	3,294.83	-	6,252.00	47,591.73	26,870.82		74,462.55	TRAD
300448-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	WANG, X.	4053		1,521.53	8,549.93	-	-	10,071.46	2,618.57		12,690.03	TRAD
300486-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	WANG, X.	4053		912.91	3,171.92	-	-	4,084.83	1,062.06		5,146.89	TRAD
			4053 Total		204,972.34	41,826.34	-	64,088.14	310,886.81	118,280.16	-	429,166.97	38.05%

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			TOTAL DIRECT COSTS	PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER		REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Electrical and Computer Engineering													
500219-001 *	WR SYSTEMS, LTD.	BELFORE, L.	4054	1,138.86	100.00	-	0.28	1,239.13	805.31		2,044.44	TRAD	
500219-002 *	WR SYSTEMS, LTD.	BELFORE, L.	4054	4,555.39	400.00	-	0.35	4,955.74	3,221.21		8,176.94	TRAD	
500219-003 *	WR SYSTEMS, LTD.	BELFORE, L.	4054	12,954.60	399.90	-	-	13,354.50	8,680.50		22,035.00	TRAD	
500219-004 *	WR SYSTEMS, LTD.	BELFORE, L.	4054	3,238.14	99.87	-	-	3,338.00	2,169.50		5,507.50	TRAD	
300305-012 *	UNIVERSITY OF VIRGINIA	CETIN, M.	4054	33.48	534.80	-	-	568.27	301.18		869.46	TRAD	
100256-010 *	NATIONAL SCIENCE FOUNDATION	CHEN, C.	4054	-	281.18	-	5,080.03	5,361.21	149.03		5,510.24	TRAD	
100256-010 *	NATIONAL SCIENCE FOUNDATION	DHALI, S.	4054	-	421.77	-	7,620.05	8,041.82	223.54		8,265.35	TRAD	
400376-010 *	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	DHALI, S.	4054	2,623.52	72.18	-	-	2,695.70	1,482.64		4,178.34	TRAD	
400345-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	GONZALEZ, O.	4054	26,299.83	-	-	3,414.00	29,713.83	6,837.96		36,551.79	TRAD	
100737-010	NATIONAL SCIENCE FOUNDATION	GRAY, W.	4054	9,360.67	2,452.56	-	-	11,813.23	6,497.27		18,310.50	TRAD	
100594-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	IFTEKHARUDDIN, K.	4054	98,307.06	15,310.89	-	37,367.75	150,985.70	62,489.87		213,475.57	TRAD	
100594-020	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	IFTEKHARUDDIN, K.	4054	-	2,891.17	-	-	2,891.17	1,590.15		4,481.32	TRAD	
100659-010	ARMY CONTRACTING COMMAND	IFTEKHARUDDIN, K.	4054	7,894.78	600.00	-	24,070.14	32,564.92	4,672.12		37,237.04	TRAD	
100720-011	OFFICE OF NAVAL RESEARCH	IFTEKHARUDDIN, K.	4054	28,097.69	5,782.10	6,500.00	-	40,379.79	-		40,379.79	TRAD	
300305-012 *	UNIVERSITY OF VIRGINIA	IFTEKHARUDDIN, K.	4054	50.21	802.19	-	-	852.41	451.78		1,304.18	TRAD	
300305-019 *	UNIVERSITY OF VIRGINIA	IFTEKHARUDDIN, K.	4054	4,871.34	421.57	-	-	5,292.91	2,911.10		8,204.02	TRAD	
400240-006	COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	IFTEKHARUDDIN, K.	4054	-	-	-	0.01	0.01	-		0.01	TRAD	
500312-030	APPLIED RESEARCH LLC	LI, J.	4054	9,481.12	2,431.53	-	-	11,912.65	6,551.96		18,464.61	TRAD	
100656-010 *	NASA GODDARD SPACEFLIGHT CENTER	LI, J.	4054	13,331.76	1,980.09	-	-	15,311.85	8,421.52		23,733.37	TRAD	
100256-010 *	NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	4054	-	351.47	-	6,350.04	6,701.51	186.28		6,887.79	TRAD	
300428-010	COLORADO SCHOOL OF MINES	MARSILLAC, S.	4054	11,241.75	11,948.26	3,969.40	-	27,159.40	12,754.51		39,913.91	TRAD	
300436-010	COLORADO SCHOOL OF MINES	MARSILLAC, S.	4054	(416.64)	1,276.44	-	-	859.80	472.89		1,332.69	TRAD	
500219-001 *	WR SYSTEMS, LTD.	POPESCU, D.	4054	1,138.86	100.00	-	0.28	1,239.13	805.31		2,044.44	TRAD	
500219-002 *	WR SYSTEMS, LTD.	POPESCU, D.	4054	4,555.39	400.00	-	0.35	4,955.74	3,221.21		8,176.94	TRAD	
500219-003 *	WR SYSTEMS, LTD.	POPESCU, D.	4054	12,954.60	399.90	-	-	13,354.50	8,680.50		22,035.00	TRAD	
500219-004 *	WR SYSTEMS, LTD.	POPESCU, D.	4054	3,238.14	99.87	-	-	3,338.00	2,169.50		5,507.50	TRAD	
4054 Total				254,950.53	49,557.72	10,469.40	83,903.27	398,880.91	145,746.82	-	544,627.73	36.54%	

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
INDIRECT COST ALLOCATION REPORT
SPONSORED PROGRAM EXPENDITURES BY INDIVIDUAL PROJECT**

FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
Electrical and Computer Engineering - ARC - Applied Research Center												
500121-010	MICROXACT, INC.	BAUMGART, H.	4054.1	-	-	-	(15,114.73)	(15,114.73)	(3,929.83)	(19,044.56)		
100567-020	LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054.1	9,443.36	245.00	-	-	9,688.36	2,518.96	12,207.32		ARC
100674-010	NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054.1	31,078.73	2,087.85	-	-	33,166.58	18,241.62	51,408.20		ARC
300467-010	UNIVERSITY OF VIRGINIA	ELSAYED-ALI, H.	4054.1	7,865.58	409.37	-	-	8,274.95	-	8,274.95		ARC
400125-020	EMBODY	ELSAYED-ALI, H.	4054.1	-	-	-	1,075.50	1,075.50	591.37	1,666.87		ARC
400346-011	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, H.	4054.1	14,299.27	1,070.00	-	-	15,369.27	-	15,369.27		ARC
500322-010	AONA CORP (ACCELERATOR DRIVEN NEUTRON APPLICATIONS)	ELSAYED-ALI, H.	4054.1	-	-	-	351.27	351.27	-	351.27		ARC
500345-010	MTEQ MANUFACTURING SERVICES	ELSAYED-ALI, H.	4054.1	-	-	-	1,512.93	1,512.93	-	1,512.93		ARC
500369-010	EVERGREEN TECHNOLOGIES, LLC	ELSAYED-ALI, H.	4054.1	-	1,580.38	-	-	1,580.38	410.89	1,991.27		ARC
500374-010	II-VI INFARED, INC.	ELSAYED-ALI, H.	4054.1	5,457.19	-	-	-	5,457.19	1,418.87	6,876.06		ARC
500378-010	FACE CONSTRUCTION TECHNOLOGIES	ELSAYED-ALI, H.	4054.1	11,713.75	1,972.17	-	-	13,685.92	7,527.26	21,213.18		ARC
500380-010	MTEQ MANUFACTURING SERVICES	ELSAYED-ALI, H.	4054.1	-	15,595.63	-	-	15,595.63	-	15,595.63		ARC
500385-010	DR. DANIEL P. HENKEL	ELSAYED-ALI, H.	4054.1	-	-	-	-	-	0.50	0.50		ARC
200272-010	* CENTER FOR INNOVATIVE TECHNOLOGY	ELSAYED-ALI, H.	4054.1	21,211.79	5,905.64	-	-	27,117.42	8,135.22	35,252.64		ARC
100256-010	* NATIONAL SCIENCE FOUNDATION	MARSILLAC, S.	4054.1	-	351.47	-	6,350.04	6,701.51	186.28	6,887.79		ARC
300428-010	COLORADO SCHOOL OF MINES	MARSILLAC, S.	4054.1	11,241.75	11,948.26	3,969.40	-	27,159.40	12,754.51	39,913.91		ARC
300436-010	COLORADO SCHOOL OF MINES	MARSILLAC, S.	4054.1	(416.64)	1,276.44	-	-	859.80	472.89	1,332.69		ARC
300392-010	NORFOLK STATE UNIVERSITY	NAMKOONG, G.	4054.1	6,340.89	-	-	-	6,340.89	3,487.49	9,828.38		ARC
300465-010	UNIVERSITY OF VIRGINIA	NAMKOONG, G.	4054.1	-	955.74	-	717.49	1,673.23	-	1,673.23		ARC
600211-010	SAMIL TECH COMPANY, LTD	NAMKOONG, G.	4054.1	3,150.42	18.00	-	-	3,168.42	-	3,168.42		ARC
100256-010	* NATIONAL SCIENCE FOUNDATION	NAMKOONG, G.	4054.1	-	1,124.72	-	20,320.12	21,444.84	596.10	22,040.94		ARC
100527-028	NASA GODDARD SPACEFLIGHT CENTER	NAMKOONG, G.	4054.1	2,384.69	914.85	-	-	3,299.54	-	3,299.54		ARC
		4054.1 Total		123,770.77	45,455.51	3,969.40	15,212.62	188,408.30	52,412.12	240,820.42	27.82%	
Electrical and Computer Engineering - CBE - Frank Reidy Center for Bioelectrics												
300474-010	OLD DOMINION UNIVERSITY	BULYSHEVA, A.	4054.2	12,300.98	26,044.81	-	248,750.00	287,095.79	11,503.75	298,599.54		CBE
100517-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	BULYSHEVA, A.	4054.2	4,738.62	3,722.11	-	-	8,460.73	4,484.19	12,944.91		CBE
300487-010	* OLD DOMINION UNIVERSITY	BULYSHEVA, A.	4054.2	14,320.43	5,514.87	-	3,750.00	23,585.30	5,950.60	29,535.90		CBE
500381-010	* LIFENET	BULYSHEVA, A.	4054.2	12,191.25	9,242.15	3,222.50	3,750.00	28,405.90	6,430.03	34,835.92		CBE
100661-010	AIR FORCE RESEARCH LABORATORY	JIANG, C.	4054.2	47,021.82	6,349.41	-	-	53,371.23	29,354.18	82,725.41		CBE
100732-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	JIANG, C.	4054.2	8,550.08	5,001.67	-	-	13,551.76	7,453.46	21,005.22		CBE
100740-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	JIANG, C.	4054.2	35,915.42	4,189.53	-	-	40,104.95	22,057.73	62,162.67		CBE
600186-010	* UNIVERSITY OF SOUTHAMPTON	KONG, M.	4054.2	-	(9,214.39)	-	-	(9,214.39)	(4,883.63)	(14,098.02)		CBE
100807-010	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, G.	4054.2	15,404.49	-	-	-	15,404.49	8,472.48	23,876.97		CBE
100809-010	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, G.	4054.2	55,797.63	2,039.57	-	-	57,837.20	31,810.46	89,647.66		CBE
300345-011	OLD DOMINION UNIVERSITY	XIAO, S.	4054.2	27,029.47	5,347.46	-	-	32,376.93	17,807.31	50,184.24		CBE
500226-016	PULSE BIOSCIENCES (ELECTROBLATE)	XIAO, S.	4054.2	8,649.42	8,657.07	-	-	17,306.49	9,518.57	26,825.06		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	XIAO, S.	4054.2	1,610.74	225.39	-	-	1,836.13	1,009.87	2,846.00		CBE
300345-013	* OLD DOMINION UNIVERSITY	XIAO, S.	4054.2	2,363.07	488.56	-	-	2,851.63	1,568.40	4,420.02		CBE
300479-010	* VIRGINIA COMMONWEALTH UNIVERSITY	XIAO, S.	4054.2	1,040.96	1,300.76	-	-	2,341.72	-	2,341.72		CBE
500226-011	* PULSE BIOSCIENCES (ELECTROBLATE)	XIAO, S.	4054.2	835.70	(1,622.25)	-	-	(786.55)	(432.60)	(1,219.15)		CBE
100548-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	ZEMLIN, C.	4054.2	12,885.94	1,803.10	-	-	14,689.04	8,078.97	22,768.01		CBE
400333-010	AMERICAN HEART ASSOCIATION	ZEMLIN, C.	4054.2	15,767.41	2,332.49	-	-	18,099.90	-	18,099.90		CBE
500359-010	ATRICURE, INC	ZEMLIN, C.	4054.2	-	27,582.37	-	-	27,582.37	15,170.30	42,752.67		CBE
300487-010	* OLD DOMINION UNIVERSITY	ZEMLIN, C.	4054.2	14,320.43	5,514.87	-	3,750.00	23,585.30	5,950.60	29,535.90		CBE
500381-010	* LIFENET	ZEMLIN, C.	4054.2	12,191.25	9,242.15	3,222.50	3,750.00	28,405.90	6,430.03	34,835.92		CBE
		4054.2 Total		302,935.11	113,761.69	6,445.00	263,750.00	686,891.79	187,734.68	874,626.47	27.33%	
Electrical and Computer Engineering - CYBER - Center for Cybersecurity												
100648-010	* NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, K.	4054.9	663.50	4,043.94	-	7,051.84	11,759.27	2,589.09	14,348.36		CYBER
100746-010	* NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, K.	4054.9	-	-	300,740.23	-	300,740.23	-	300,740.23		CYBER
100648-010	* NATIONAL SCIENCE FOUNDATION	LI, J.	4054.9	663.50	4,043.94	-	7,051.84	11,759.27	2,589.09	14,348.36		CYBER
100612-010	NATIONAL SCIENCE FOUNDATION	WU, H.	4054.9	7,487.31	6,890.80	-	-	14,378.11	7,907.97	22,286.08		CYBER
100706-010	* NATIONAL SECURITY AGENCY	WU, H.	4054.9	-	111.68	-	-	111.68	61.41	173.09		CYBER
100723-010	* NATIONAL SCIENCE FOUNDATION	WU, H.	4054.9	12,085.56	-	-	1,237.29	13,322.85	6,647.06	19,969.91		CYBER
100745-010	* NATIONAL SCIENCE FOUNDATION	WU, H.	4054.9	3,788.84	-	-	2,236.24	6,025.08	2,083.86	8,108.94		CYBER
100746-010	* NATIONAL SCIENCE FOUNDATION	WU, H.	4054.9	-	-	300,740.23	-	300,740.23	-	300,740.23		CYBER
100791-010	* OFFICE OF NAVAL RESEARCH	WU, H.	4054.9	23,315.66	288.60	-	882.84	24,487.11	15,342.77	39,829.88		CYBER
100799-010	* NATIONAL SECURITY AGENCY	WU, H.	4054.9	1,818.23	-	-	-	1,818.23	1,000.03	2,818.25		CYBER
100680-010	NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	4,862.89	299.00	-	-	5,161.89	2,839.03	8,000.92		CYBER
100680-020	NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	-	-	-	10,000.00	10,000.00	-	10,000.00		CYBER
100648-010	* NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	663.50	4,043.94	-	7,051.84	11,759.27	2,589.09	14,348.36		CYBER
100706-010	* NATIONAL SECURITY AGENCY	XIN, C.	4054.9	-	167.52	-	-	167.52	92.11	259.63		CYBER
100709-010	* NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	7,502.04	3,751.75	-	15,890.40	27,144.19	6,189.58	33,333.77		CYBER
100745-010	* NATIONAL SCIENCE FOUNDATION	XIN, C.	4054.9	3,788.84	-	-	2,236.24	6,025.08	2,083.86	8,108.94		CYBER
100791-010	* OFFICE OF NAVAL RESEARCH	XIN, C.	4054.9	22,629.91	280.11	-	856.88	23,766.90	14,891.51	38,658.41		CYBER
100799-010	* NATIONAL SECURITY AGENCY	XIN, C.	4054.9	1,818.23	-	-	-	1,818.23	1,000.03	2,818.25		CYBER
		4054.9 Total		91,087.98	23,921.27	601,480.46	54,495.40	770,985.11	67,906.47	838,891.58	8.81%	

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FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Mechanical and Aerospace Engineering												
100725-011	OFFICE OF NAVAL RESEARCH	ALBERTS, T.	4057	6,794.38	229.75	-	-	7,024.13	1,826.28	8,850.41		TRAD
100595-010 *	NASA GODDARD SPACEFLIGHT CENTER	ASH, R.	4057	-	19.73	-	16.11	35.84	5.13	40.97		TRAD
100595-011 *	NASA GODDARD SPACEFLIGHT CENTER	ASH, R.	4057	-	3.80	-	-	3.80	-	3.80		TRAD
100628-010	AMES RESEARCH LABS	BAWAB, S.	4057	-	-	-	8,555.56	8,555.56	-	8,555.56		TRAD
400271-009	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BAWAB, S.	4057	6,958.80	-	-	-	6,958.80	-	6,958.80		TRAD
100588-010 *	OFFICE OF NAVAL RESEARCH	BAWAB, S.	4057	2,427.77	183.20	-	1,562.40	4,173.37	1,697.13	5,870.49		TRAD
100599-010 *	OFFICE OF NAVAL RESEARCH	BAWAB, S.	4057	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
100738-010 *	NATIONAL SCIENCE FOUNDATION	BAWAB, S.	4057	2,879.54	592.01	-	7,505.79	10,977.35	1,909.35	12,886.70		TRAD
400311-010 *	CHILDREN'S HEATH FOUNDATION, INC.	BAWAB, S.	4057	5,678.73	1,572.51	-	-	7,251.24	-	7,251.24		TRAD
400271-008	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BAYSAL, O.	4057	29,863.74	576.91	-	3,389.00	33,829.65	9,370.66	43,200.31		TRAD
400408-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BAYSAL, O.	4057	2,565.38	-	-	-	2,565.38	-	2,565.38		TRAD
100599-010 *	OFFICE OF NAVAL RESEARCH	BILGEN, O.	4057	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
400271-005	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, C.	4057	20,453.65	-	-	1,770.00	22,223.65	5,317.95	27,541.60		TRAD
400348-010	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, C.	4057	42,468.38	-	-	-	42,468.38	11,041.76	53,510.14		TRAD
100599-010 *	OFFICE OF NAVAL RESEARCH	CHATURVEDI, S.	4057	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
100748-010	NATIONAL SCIENCE FOUNDATION	GHOSH, D.	4057	10,021.03	4,031.96	-	5,318.84	19,371.83	7,729.14	27,100.97		TRAD
100738-010 *	NATIONAL SCIENCE FOUNDATION	GHOSH, D.	4057	4,799.24	986.68	-	12,509.66	18,295.58	3,182.26	21,477.83		TRAD
400391-010 *	CHILDREN'S HOSPITAL OF THE KING'S DAUGHTERS	HAO, Z.	4057	3,327.95	-	-	-	3,327.95	-	3,327.95		TRAD
100256-010 *	NATIONAL SCIENCE FOUNDATION	HOU, G.	4057	-	281.18	-	5,080.03	5,361.21	149.03	5,510.24		TRAD
100588-010 *	OFFICE OF NAVAL RESEARCH	HOU, G.	4057	2,427.77	183.20	-	1,562.40	4,173.37	1,697.13	5,870.49		TRAD
100738-010 *	NATIONAL SCIENCE FOUNDATION	HOU, G.	4057	2,879.54	592.01	-	7,505.79	10,977.35	1,909.35	12,886.70		TRAD
100702-010 *	NATIONAL SCIENCE FOUNDATION	KAIPA, K.	4057	792.89	752.97	-	-	1,545.86	850.22	2,396.08		TRAD
100736-010 *	NATIONAL SCIENCE FOUNDATION	KAIPA, K.	4057	3,137.11	185.06	-	-	3,322.17	1,827.19	5,149.36		TRAD
100738-010 *	NATIONAL SCIENCE FOUNDATION	KRAVCHENKO, O.	4057	4,799.24	986.68	-	12,509.66	18,295.58	3,182.26	21,477.83		TRAD
400271-006	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	KRAVCHENKO, O.	4057	-	(670.80)	-	-	(670.80)	(174.41)	(845.21)		TRAD
400373-010	JEFFRESS RESEARCH GRANTS PROGRAM	KRAVCHENKO, O.	4057	21,079.62	4,370.15	-	-	25,449.77	-	25,449.77		TRAD
400203-004	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	LANDMAN, D.	4057	1,527.97	-	-	-	1,527.97	840.38	2,368.35		TRAD
100560-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	MARUTHAMUTHU, V.	4057	8,952.63	17,884.87	-	-	26,837.50	14,223.87	41,061.37		TRAD
100736-010 *	NATIONAL SCIENCE FOUNDATION	RINGLEB, S.	4057	7,842.78	462.64	-	-	8,305.42	4,567.98	12,873.40		TRAD
400311-010 *	CHILDREN'S HEATH FOUNDATION, INC.	RINGLEB, S.	4057	6,552.38	1,814.44	-	-	8,366.82	-	8,366.82		TRAD
100532-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	WRIGGERS, W.	4057	8,564.85	615.80	-	-	9,180.65	5,049.36	14,230.01		TRAD
100593-010 *	NATIONAL SCIENCE FOUNDATION	ZHANG, X.	4057	1,897.10	800.93	-	18,198.07	20,896.10	1,483.92	22,380.02		TRAD
4057 Total				257,570.18	36,797.91	-	85,483.32	379,851.41	104,756.91	-	484,608.32	27.58%

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					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Engineering Technology												
100630-010	* NATIONAL SCIENCE FOUNDATION	AYALA, O.	4059	27.46	662.38	-	-	689.84	379.41	1,069.26		TRAD
100736-010	* NATIONAL SCIENCE FOUNDATION	AYALA, O.	4059	3,137.11	185.06	-	-	3,322.17	1,827.19	5,149.36		TRAD
400335-010	ACS PETROLEUM RESEARCH FOUNDATION	AYALA, O.	4059	3,441.91	-	-	-	3,441.91	-	3,441.91		TRAD
400376-010	* COMMONWEALTH CENTER FOR ADVANCED MANUFACTURING	CHITIKESHI, S.	4059	6,121.56	168.42	-	-	6,289.98	3,459.49	9,749.47		TRAD
200246-020	* CITY OF VIRGINIA BEACH	CONSIDINE, C.	4059	4,612.69	92.00	-	-	4,704.69	1,223.22	5,927.91		TRAD
300365-010	* OLD DOMINION UNIVERSITY	CONSIDINE, C.	4059	5,134.90	-	-	-	5,134.90	770.24	5,905.14		TRAD
300492-010	* OLD DOMINION UNIVERSITY	CONSIDINE, C.	4059	4,127.74	313.01	-	-	4,440.74	-	4,440.74		TRAD
300494-010	* HAMPTON UNIVERSITY	CONSIDINE, C.	4059	4,608.58	-	-	-	4,608.58	2,534.72	7,143.30		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	JOVANOVIC, V.	4059	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
100702-010	* NATIONAL SCIENCE FOUNDATION	JOVANOVIC, V.	4059	792.89	752.97	-	-	1,545.86	850.22	2,396.08		TRAD
100708-010	* NATIONAL SCIENCE FOUNDATION	JOVANOVIC, V.	4059	6,906.05	145.00	-	12,000.00	19,051.05	3,878.08	22,929.13		TRAD
300030-014	* UNIVERSITY OF VIRGINIA	JOVANOVIC, V.	4059	1,051.65	734.77	-	90.00	1,876.42	-	1,876.42		TRAD
500384-010	BEM CONTROLS, LLC	KUZLU, M.	4059	24,406.42	1,600.81	-	-	26,007.23	14,303.98	40,311.21		TRAD
300365-010	* OLD DOMINION UNIVERSITY	LESTER, J.	4059	1,026.98	-	-	-	1,026.98	154.05	1,181.03		TRAD
100595-010	* NASA GODDARD SPACEFLIGHT CENTER	POPESCU, I.	4059	-	19.73	-	16.11	35.84	5.13	40.97		TRAD
100595-011	* NASA GODDARD SPACEFLIGHT CENTER	POPESCU, I.	4059	-	3.80	-	-	3.80	-	3.80		TRAD
100702-010	* NATIONAL SCIENCE FOUNDATION	POPESCU, I.	4059	792.89	752.97	-	-	1,545.86	850.22	2,396.08		TRAD
300365-010	* OLD DOMINION UNIVERSITY	SEEK, M.	4059	4,107.92	-	-	-	4,107.92	616.19	4,724.11		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	TOMOVIC, M.	4059	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
100708-010	* NATIONAL SCIENCE FOUNDATION	TOMOVIC, M.	4059	5,179.54	108.75	-	9,000.00	14,288.29	2,908.56	17,196.85		TRAD
			4059 Total	108,061.41	5,767.82	-	21,106.11	134,935.34	51,808.03	186,743.37	38.39%	
Engineering Management and Systems Engineering												
100790-010	* NAVAL SEA SYSTEMS COMMAND	COLLINS, A.	4060	51,214.67	7,093.69	-	4,285.68	62,594.04	37,900.44	100,494.49		TRAD
100790-010	* NAVAL SEA SYSTEMS COMMAND	COLLINS, A.	4060	21,949.15	3,040.15	-	1,836.72	26,826.02	16,243.05	43,069.07		TRAD
100800-010	* NAVAL AIR WARFARE CENTER TSD	COLLINS, A.	4060	4,699.11	677.29	-	-	5,376.40	3,494.67	8,871.07		TRAD
100790-010	* NAVAL SEA SYSTEMS COMMAND	COTTER, S.	4060	12,193.97	1,688.97	-	1,020.40	14,903.34	9,023.92	23,927.26		TRAD
500343-010	* CACI, INC.--FEDERAL	COTTER, S.	4060	-	-	-	(0.28)	(0.28)	-	(0.28)		TRAD
500343-010	* CACI, INC.--FEDERAL	DANIELS, C.	4060	-	-	-	(0.28)	(0.28)	-	(0.28)		TRAD
100691-010	* NATIONAL SECURITY AGENCY	GHEORGHE, A.	4060	-	955.28	-	-	955.28	525.41	1,480.68		TRAD
300515-010	OLD DOMINION UNIVERSITY	GHEORGHE, A.	4060	-	32,985.10	-	-	32,985.10	-	32,985.10		TRAD
500260-030	CONTRACTING RESOURCES GROUP	HANDLEY, H.	4060	1,272.82	-	-	46.80	1,319.62	725.59	2,045.21		TRAD
500389-010	ALION SCIENCE AND TECHNOLOGY CORPORATION	HANDLEY, H.	4060	10,460.61	-	-	-	10,460.61	6,799.40	17,260.01		TRAD
500404-010	VOLVO TECHNOLOGY OF AMERICA, INC.	HANDLEY, H.	4060	8,141.19	600.00	-	-	8,741.19	4,807.66	13,548.85		TRAD
400192-000	PRIVATE SPONSOR	KEATING, C.	4060	-	506.25	-	-	506.25	-	506.25		TRAD
500393-010	GENERAL DYNAMICS	KEATING, C.	4060	-	961.75	-	169.52	1,131.27	622.25	1,753.52		TRAD
100527-026	NASA GODDARD SPACEFLIGHT CENTER	LANDAETA, R.	4060	-	-	-	2,600.41	2,600.41	-	2,600.41		TRAD
100736-010	* NATIONAL SCIENCE FOUNDATION	PAZOS-LAGO, M.	4060	6,274.22	370.11	-	-	6,644.34	3,654.39	10,298.72		TRAD
100741-010	OFFICE OF NAVAL RESEARCH	PINTO, C.	4060	29,104.16	176.16	-	-	29,280.32	16,104.19	45,384.51		TRAD
500304-030	FM GLOBAL	PINTO, C.	4060	(202.21)	-	-	101.45	(100.76)	(26.49)	(127.25)		TRAD
600195-010	QATAR UNIVERSITY	RABADI, G.	4060	-	-	-	(0.02)	(0.02)	-	(0.02)		TRAD
500343-010	* CACI, INC.--FEDERAL	RABADI, G.	4060	-	-	-	(0.28)	(0.28)	-	(0.28)		TRAD
100708-010	* NATIONAL SCIENCE FOUNDATION	SIBSON, K.	4060	6,906.05	145.00	-	12,000.00	19,051.05	3,878.08	22,929.13		TRAD
100691-010	* NATIONAL SECURITY AGENCY	SOUZA-POZA, A.	4060	-	318.43	-	-	318.43	175.14	493.56		TRAD
500343-010	* CACI, INC.--FEDERAL	SOUZA-POZA, A.	4060	-	-	-	(0.28)	(0.28)	-	(0.28)		TRAD
			4060 Total	152,013.74	49,518.18	-	22,059.86	223,591.78	103,927.68	327,519.46	46.48%	
Engineering Management and Systems Engineering - CYBER - Center for Cybersecurity												
100746-010	* NATIONAL SCIENCE FOUNDATION	HUANG, J.	4060.9	-	-	300,740.23	-	300,740.23	-	300,740.23		TRAD
			4060.9 Total	-	-	300,740.23	-	300,740.23	-	300,740.23	0.00%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Department of Computational Modeling and Simulation Engineering												
100599-010	* OFFICE OF NAVAL RESEARCH	AUDETTE, M.	4075	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
400311-010	* CHILDREN'S HEATH FOUNDATION, INC.	AUDETTE, M.	4075	9,610.15	2,661.18	-	-	12,271.33	-	12,271.33		TRAD
400332-010	* ALZHEIMER'S ASSOCIATION	AUDETTE, M.	4075	7,005.32	977.45	-	-	7,982.77	798.28	8,781.05		TRAD
100790-010	* NAVAL SEA SYSTEMS COMMAND	LEATHRUM, J.	4075	12,193.97	1,688.97	-	1,020.40	14,903.34	9,023.92	23,927.26		TRAD
500341-001	* APPLIED RESEARCH ASSOCIATES, INC.	LEATHRUM, J.	4075	(12.23)	-	-	0.00	(12.23)	(6.73)	(18.95)		TRAD
500342-001	* WR SYSTEMS, LTD.	LEATHRUM, J.	4075	-	-	-	1,753.94	1,753.94	1,140.15	2,894.09		TRAD
100527-027	NASA GODDARD SPACEFLIGHT CENTER	LIU, Z.	4075	3,272.70	2,903.33	-	-	6,176.03	-	6,176.03		TRAD
500397-010	* FRONTIER TECHNOLOGY INC.	LIU, Z.	4075	6,254.34	-	-	-	6,254.34	4,065.32	10,319.66		TRAD
100599-010	* OFFICE OF NAVAL RESEARCH	MCKENZIE, F.	4075	16,292.57	114.08	-	-	16,406.65	9,023.66	25,430.31		TRAD
400391-010	* CHILDREN'S HOSPITAL OF THE KING'S DAUGHTERS	MCKENZIE, F.	4075	29,951.59	-	-	-	29,951.59	-	29,951.59		TRAD
500341-001	* APPLIED RESEARCH ASSOCIATES, INC.	MIELKE, R.	4075	(6.12)	-	-	0.00	(6.11)	(3.36)	(9.48)		TRAD
500342-001	* WR SYSTEMS, LTD.	MIELKE, R.	4075	-	-	-	876.97	876.97	570.07	1,447.04		TRAD
400332-010	* ALZHEIMER'S ASSOCIATION	SHEN, Y.	4075	4,111.82	573.72	-	-	4,685.54	468.56	5,154.09		TRAD
500397-010	* FRONTIER TECHNOLOGY INC.	SHEN, Y.	4075	6,254.34	-	-	-	6,254.34	4,065.32	10,319.66		TRAD
100695-010	AMES RESEARCH LABS	SOSONKINA, M.	4075	59,425.86	3,867.79	-	-	63,293.65	34,811.52	98,105.17		TRAD
100797-010	AMES RESEARCH LABS	SOSONKINA, M.	4075	12,411.45	-	-	-	12,411.45	6,826.29	19,237.74		TRAD
300241-010	IOWA STATE UNIVERSITY	SOSONKINA, M.	4075	-	(0.36)	-	-	(0.36)	(0.18)	(0.54)		TRAD
300343-020	IOWA STATE UNIVERSITY	SOSONKINA, M.	4075	-	2,588.32	-	-	2,588.32	1,371.81	3,960.13		TRAD
200284-010	* VA TRANSPORTATION RESEARCH COUNCIL	YANG, H.	4075	19,493.29	187.03	-	-	19,680.33	5,116.88	24,797.21		TRAD
300511-010	* GEORGE MASON UNIVERSITY	YANG, H.	4075	2,209.11	675.00	-	-	2,884.11	749.87	3,633.98		TRAD
500382-010	* LEIDOS	YANG, H.	4075	4,418.43	-	-	-	4,418.43	2,430.13	6,848.56		TRAD
500397-010	* FRONTIER TECHNOLOGY INC.	YANG, H.	4075	3,127.17	-	-	-	3,127.17	2,032.66	5,159.83		TRAD
4075 Total				212,306.34	16,350.60	-	3,651.31	232,308.25	91,507.83	323,816.08	39.39%	
Department of Computational Modeling and Simulation Engineering - VMASC												
100617-010	AIR FORCE MATERIAL COMMAND	SHETTY, S.	4075.3	-	-	-	-	-	(0.65)	(0.65)		VMASC
100728-010	AIR FORCE MATERIAL COMMAND	SHETTY, S.	4075.3	36,586.80	53,810.54	-	32,339.80	122,737.14	49,718.56	172,455.70		VMASC
200273-010	CENTER FOR INNOVATIVE TECHNOLOGY	SHETTY, S.	4075.3	61,716.85	-	-	-	61,716.85	18,515.07	80,231.92		VMASC
300388-010	NORFOLK STATE UNIVERSITY	SHETTY, S.	4075.3	26,648.46	5,251.88	-	-	31,900.34	17,545.19	49,445.53		VMASC
300390-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	4075.3	8,613.95	31,591.54	-	27,302.20	67,507.69	22,113.03	89,620.72		VMASC
300397-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	4075.3	-	275.00	-	-	275.00	151.25	426.25		VMASC
300514-010	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, S.	4075.3	31,281.01	-	-	-	31,281.01	8,133.06	39,414.07		VMASC
400358-010	SENTARA HOSPITALS	SHETTY, S.	4075.3	65,275.32	33,861.65	-	-	99,136.97	54,525.34	153,662.31		VMASC
4075.3 Total				230,122.39	124,790.61	-	59,642.00	414,555.00	170,700.85	585,255.85	41.18%	
Department of Computational Modeling and Simulation Engineering												
100723-010	* NATIONAL SCIENCE FOUNDATION	SOSONKINA, M.	4075.9	11,730.10	-	-	1,200.90	12,931.00	6,451.56	19,382.56		TRAD
100746-010	* NATIONAL SCIENCE FOUNDATION	SOSONKINA, M.	4075.9	-	-	300,740.23	-	300,740.23	-	300,740.23		TRAD
4075.9 Total				11,730.10	-	300,740.23	1,200.90	313,671.23	6,451.56	320,122.79	2.06%	
TOTAL BATTEN COLLEGE OF ENGINEERING AND TECHNOLOGY				\$ 2,112,917.26	\$ 711,590.92	\$ 1,230,344.71	\$ 836,757.63	\$ 4,891,610.52	\$ 1,251,709.88	\$ 6,143,320.40	25.59%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
COLLEGE OF HEALTH SCIENCES												
Dean's Office												
400340-010	NATIONAL ASSOCIATION RESEARCH AND EDUCATION FOUNDATI	VAN LUNEN, B.	5050	-	4,007.50	-	-	4,007.50	601.14	-	4,608.64	TRAD
5050 Total				-	4,007.50	-	-	4,007.50	601.14	-	4,608.64	15.00%
Community and Environmental Health												
100689-020 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	ADAMS-TUFTS, K.	5051	4,062.29	-	-	7,744.16	11,806.44	324.98	-	12,131.43	TRAD
400362-010 *	OHIO SUICIDE PREVENTION FOUNDATION	ADAMS-TUFTS, K.	5051	333.49	129.84	-	115.78	579.11	46.33	-	625.44	TRAD
400395-010 *	HEALTHY CHESAPEAKE	AKPINAR-ELCI, M.	5051	1,168.00	-	-	-	1,168.00	-	-	1,168.00	TRAD
400403-010 *	OBICI HEALTH CARE FOUNDATION	AKPINAR-ELCI, M.	5051	1,480.90	-	-	-	1,480.90	74.05	-	1,554.95	TRAD
100446-010	U.S. PUBLIC HEALTH SERVICE (CENTERS FOR DISEASE CONTROI	BLANDO, J.	5051	4,393.41	-	-	3,275.65	7,669.06	3,834.42	-	11,503.48	TRAD
100739-010 *	U.S. PUBLIC HEALTH SERVICE (CENTERS FOR DISEASE CONTROI	BLANDO, J.	5051	1,261.58	1,944.60	-	406.62	3,612.80	939.18	-	4,551.98	TRAD
100726-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	CRAMER, R.	5051	15,640.22	3,234.53	-	-	18,874.75	6,039.92	-	24,914.67	TRAD
400362-010 *	OHIO SUICIDE PREVENTION FOUNDATION	CRAMER, R.	5051	6,336.24	2,467.03	-	2,199.73	11,003.00	880.33	-	11,883.33	TRAD
400395-010 *	HEALTHY CHESAPEAKE	KEKEH, M.	5051	1,168.00	-	-	-	1,168.00	-	-	1,168.00	TRAD
400403-010 *	OBICI HEALTH CARE FOUNDATION	KEKEH, M.	5051	1,480.90	-	-	-	1,480.90	74.05	-	1,554.95	TRAD
100739-010 *	U.S. PUBLIC HEALTH SERVICE (CENTERS FOR DISEASE CONTROI	LESER, K.	5051	841.05	1,296.40	-	271.08	2,408.53	626.12	-	3,034.65	TRAD
100620-010	U.S. DEPARTMENT OF AGRICULTURE	ZHANG, Q.	5051	12,448.64	137.48	-	-	12,586.12	1,258.62	-	13,844.74	TRAD
100733-010	U.S. DEPARTMENT OF AGRICULTURE	ZHANG, Q.	5051	2,342.27	750.00	-	-	3,092.27	309.23	-	3,401.50	TRAD
300416-010	OLD DOMINION UNIVERSITY	ZHANG, Q.	5051	4,653.02	-	-	-	4,653.02	2,559.16	-	7,212.18	TRAD
100645-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	ZHANG, Q.	5051	-	37.50	-	-	37.50	20.63	-	58.13	TRAD
5051 Total				57,609.99	9,997.38	-	14,013.02	81,620.39	16,987.01	-	98,607.40	20.81%
Dental Hygiene												
300349-011 *	EASTERN VIRGINIA MEDICAL SCHOOL	TOLLE, S.	5052	1,751.46	-	-	-	1,751.46	140.12	-	1,891.58	TRAD
5052 Total				1,751.46	-	-	-	1,751.46	140.12	-	1,891.58	8.00%
Nursing												
100533-030 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	FOWLER, C.	5055	11,010.29	514.38	-	-	11,524.67	921.97	-	12,446.65	TRAD
100670-021 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GUSTIN, T.	5055	-	21,113.25	-	-	21,113.25	1,689.06	-	22,802.30	TRAD
100533-030 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HANEY, T.	5055	11,010.29	514.38	-	-	11,524.67	921.97	-	12,446.65	TRAD
100670-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HANEY, T.	5055	22,592.41	1,371.34	-	37,762.92	61,726.67	1,917.11	-	63,643.78	TRAD
100670-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HIGGINS, K.	5055	7,530.80	457.11	-	12,587.64	20,575.56	639.04	-	21,214.59	TRAD
400368-010 *	AMERICAN ASSOCIATION OF COLLEGES OF NURSING	MARTIN, J.	5055	-	1,821.00	-	-	1,821.00	-	-	1,821.00	TRAD
100670-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	NESSBITT, C.	5055	11,296.20	685.67	-	18,881.46	30,863.34	958.55	-	31,821.89	TRAD
100689-020 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	NESSBITT, C.	5055	5,803.27	-	-	11,063.08	16,866.35	464.26	-	17,330.61	TRAD
100533-030 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	POSTON, R.	5055	11,010.29	514.38	-	-	11,524.67	921.97	-	12,446.65	TRAD
100670-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	POSTON, R.	5055	11,296.20	685.67	-	18,881.46	30,863.34	958.55	-	31,821.89	TRAD
300504-010	WESTERN CAROLINA UNIVERSITY	RUTLEDGE, C.	5055	22,433.35	-	-	-	22,433.35	1,794.67	-	24,228.02	TRAD
100533-030 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	5055	16,515.44	771.58	-	-	17,287.01	1,382.96	-	18,669.97	TRAD
100670-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	RUTLEDGE, C.	5055	11,296.20	685.67	-	18,881.46	30,863.34	958.55	-	31,821.89	TRAD
100670-021 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, C.	5055	-	21,113.25	-	-	21,113.25	1,689.06	-	22,802.30	TRAD
100533-030 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	WILES, L.	5055	5,505.15	257.19	-	-	5,762.34	460.99	-	6,223.32	TRAD
5055 Total				147,299.88	50,504.88	-	118,058.03	315,862.79	15,678.71	-	331,541.50	4.96%

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FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE	
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS				SPECIAL FEES
Medical Diagnostic & Translational Sciences													
100796-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	BRUNO, R.	5056	10,045.42	4,436.19	-	-	14,481.60	7,964.89	22,446.49		TRAD	
300479-010	* VIRGINIA COMMONWEALTH UNIVERSITY	BRUNO, R.	5056	3,122.87	3,902.29	-	-	7,025.16	-	7,025.16		TRAD	
400331-010	* JEFFRESS RESEARCH GRANTS PROGRAM	BRUNO, R.	5056	613.18	9,697.32	-	-	10,310.50	-	10,310.50		TRAD	
100517-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	GUO, S.	5056	4,738.62	3,722.11	-	-	8,460.73	4,484.19	12,944.91		TRAD	
400378-010	AMERICAN SOCIETY FOR CLINICAL PATHOLOGY	KRAJ, B.	5056	-	2,200.00	-	-	2,200.00	-	2,200.00		TRAD	
300479-010	* VIRGINIA COMMONWEALTH UNIVERSITY	MOLLI, P.	5056	3,122.87	3,902.29	-	-	7,025.16	-	7,025.16		TRAD	
100578-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	RIETHMAN, H.	5056	14,396.58	9,966.55	-	64,920.91	89,284.04	13,399.72	102,683.76		TRAD	
400272-010	THE WISTAR INSTITUTE	RIETHMAN, H.	5056	2,582.28	-	-	-	2,582.28	1,420.24	4,002.52		TRAD	
100796-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	SACHS, P.	5056	10,045.42	4,436.19	-	-	14,481.60	7,964.89	22,446.49		TRAD	
300479-010	* VIRGINIA COMMONWEALTH UNIVERSITY	SACHS, P.	5056	3,122.87	3,902.29	-	-	7,025.16	-	7,025.16		TRAD	
400331-010	* JEFFRESS RESEARCH GRANTS PROGRAM	SACHS, P.	5056	613.18	9,697.32	-	-	10,310.50	-	10,310.50		TRAD	
			5056 Total	52,403.26	55,862.53	-	64,920.91	173,186.71	35,233.92	208,420.62	20.34%		
Medical Laboratory and Radiation Sciences - CBE - Frank Reidy Center for Bioelectronics													
100692-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	CATRAVAS, J.	5056.2	35,049.83	17,107.81	-	-	52,157.64	28,686.70	80,844.34		CBE	
100789-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	CATRAVAS, J.	5056.2	65,934.01	28,312.06	-	-	94,246.07	51,835.34	146,081.41		CBE	
600210-010	FERRING PHARMACEUTICALS INC.	CATRAVAS, J.	5056.2	-	60.00	-	(60.00)	-	16.50	16.50		CBE	
100579-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HELLER, L.	5056.2	32,380.53	1,615.35	-	35,226.70	69,222.58	18,697.73	87,920.31		CBE	
100516-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HELLER, R.	5056.2	58,369.83	21,201.03	-	-	79,570.86	42,172.55	121,743.41		CBE	
100517-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HELLER, R.	5056.2	22,113.55	17,369.84	-	-	39,483.39	20,926.20	60,409.59		CBE	
100740-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HELLER, R.	5056.2	35,915.42	4,189.53	-	-	40,104.95	22,057.73	62,162.67		CBE	
500228-013	* PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, R.	5056.2	11,639.39	2,712.61	-	-	14,352.01	7,893.61	22,245.61		CBE	
100548-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	PAKHOMOV, A.	5056.2	12,885.94	1,803.10	-	-	14,689.04	8,078.97	22,768.01		CBE	
300345-010	OLD DOMINION UNIVERSITY	PAKHOMOV, A.	5056.2	47,146.07	11,428.30	-	164,562.32	223,136.69	32,215.91	255,352.60		CBE	
500226-014	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, A.	5056.2	63,439.82	15,446.76	-	-	78,886.58	43,387.62	122,274.20		CBE	
300345-013	* OLD DOMINION UNIVERSITY	PAKHOMOV, A.	5056.2	19,199.91	3,969.56	-	-	23,169.47	12,743.21	35,912.68		CBE	
			5056.2 Total	404,074.31	125,215.94	-	199,729.02	729,019.27	288,712.06	1,017,731.33	39.60%		
Physical Therapy and Athletic Training													
400381-010	NATIONAL ASSOCIATION RESEARCH AND EDUCATION FOUNDATI	CAVALLARIO, J.	5058	-	150.00	-	-	150.00	-	150.00		TRAD	
100670-020	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	KOTT, K.	5058	11,296.20	685.67	-	18,881.46	30,863.34	958.55	31,821.89		TRAD	
400380-010	NATIONAL ATHLETIC TRAINERS' ASSOCIATION	MCCANN, R.	5058	-	454.00	-	-	454.00	-	454.00		TRAD	
400388-010	MID-ATLANTIC ATHLETIC TRAINERS' ASSOCIATION (MAATA)	MCCANN, R.	5058	-	462.26	-	-	462.26	-	462.26		TRAD	
400314-010	MID ATLANTIC TRAINERS' ASSOCIATION	MORRISON, S.	5058	-	-	-	195.00	195.00	-	195.00		TRAD	
400332-010	* ALZHEIMER'S ASSOCIATION	MORRISON, S.	5058	4,111.82	573.72	-	-	4,685.54	468.56	5,154.09		TRAD	
400384-010	* SENTARA FOUNDATION	MORRISON, S.	5058	5,365.02	-	-	-	5,365.02	-	5,365.02		TRAD	
400384-010	* SENTARA FOUNDATION	RUSSELL, D.	5058	2,299.30	-	-	-	2,299.30	-	2,299.30		TRAD	
			5058 Total	23,072.34	2,325.65	-	19,076.46	44,474.46	1,427.11	45,901.56	3.21%		
TOTAL COLLEGE OF HEALTH SCIENCES				\$ 686,211.24	\$ 247,913.89	\$ -	\$ 415,797.44	\$ 1,349,922.57	\$ 358,780.06	\$ -	\$ 1,708,702.63	26.58%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
COLLEGE OF SCIENCES												
Biological Sciences												
100550-030	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	DAINES, D.	6080	12,554.36	12,258.55	-	-	24,812.91	13,150.85	37,963.76		TRAD
			6080 Total	12,554.36	12,258.55	-	-	24,812.91	13,150.85	37,963.76	53.00%	
Biological Sciences												
100715-010	NATIONAL SCIENCE FOUNDATION	BARSHIS, D.	6081	3,757.70	130.07	-	479.62	4,367.39	1,010.82	5,378.21		TRAD
400344-010	US-ISRAEL BINATIONAL SCIENCE FOUNDATION	BARSHIS, D.	6081	-	10,058.30	-	-	10,058.30	1,508.75	11,567.05		TRAD
400390-010	PAUL G ALLEN FAMILY FOUNDATION	BARSHIS, D.	6081	4,355.36	5,137.60	-	-	9,492.96	-	9,492.96		TRAD
100688-010 *	NATIONAL SCIENCE FOUNDATION	BARSHIS, D.	6081	8,357.06	8,479.78	-	2,042.77	18,879.62	4,377.58	23,257.20		TRAD
100603-010	NATIONAL SCIENCE FOUNDATION	BARTOL, I.	6081	12,676.91	8,321.15	-	-	20,998.06	11,548.95	32,547.01		TRAD
100610-010	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BUTLER, M.	6081	1,746.59	8,115.65	-	-	9,862.24	2,564.18	12,426.42		TRAD
100744-010	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BUTLER, M.	6081	12,177.55	6,671.63	-	-	18,849.18	4,900.79	23,749.97		TRAD
200214-011	FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, M.	6081	-	1,001.59	-	653.62	1,655.21	430.37	2,085.58		TRAD
200243-010	FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, M.	6081	12,947.15	7,872.73	-	-	20,819.88	(1,796.40)	19,023.48		TRAD
400399-010	NATIONAL FISH AND WILDLIFE FOUNDATION	BUTLER, M.	6081	4,824.57	4,253.60	5,161.00	-	14,239.17	2,360.32	16,599.49		TRAD
100688-010 *	NATIONAL SCIENCE FOUNDATION	CARPENTER, K.	6081	75,213.57	76,318.03	-	18,384.95	169,916.54	39,398.21	209,314.76		TRAD
300461-010	ARIZONA STATE UNIVERSITY	CARPENTER, K.	6081	16,896.22	7,801.02	-	4,250.00	28,947.24	13,583.48	42,530.72		TRAD
600185-010	WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	6081	10,125.50	1,113.51	-	-	11,239.01	3,371.70	14,610.71		TRAD
600190-010	WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	6081	18,410.41	385.32	-	-	18,795.73	939.78	19,735.51		TRAD
600207-010	WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	6081	20,040.73	2,459.00	-	-	22,499.73	2,474.96	24,974.69		TRAD
600220-010	WORLD CONSERVATION UNION (IUCN)	CARPENTER, K.	6081	26,092.21	-	-	-	26,092.21	2,609.22	28,701.43		TRAD
300476-011	OLD DOMINION UNIVERSITY	DAUER, D.	6081	86,853.80	982.94	-	-	87,836.74	8,768.59	96,605.33		TRAD
300476-012	OLD DOMINION UNIVERSITY	DAUER, D.	6081	43,873.51	-	-	-	43,873.51	4,387.35	48,260.86		TRAD
300473-010	OLD DOMINION UNIVERSITY	EGERTON, T.	6081	13,386.76	6,592.01	-	-	19,978.77	1,338.69	21,317.46		TRAD
300476-013	OLD DOMINION UNIVERSITY	EGERTON, T.	6081	52,395.76	733.40	-	-	53,129.16	5,312.92	58,442.08		TRAD
100586-010	U.S. DEPARTMENT OF AGRICULTURE	GAFF, H.	6081	-	2,757.25	-	-	2,757.25	-	2,757.25		TRAD
100714-010	U.S. PUBLIC HEALTH SERVICE (CENTERS FOR DISEASE CONTROL)	GAFF, H.	6081	46,002.99	(1,603.15)	-	-	44,399.84	24,419.92	68,819.76		TRAD
100684-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GAFF, H.	6081	11,129.04	18,705.58	-	44,380.37	74,214.99	16,409.04	90,624.03		TRAD
300439-010 *	UNIVERSITY OF RICHMOND	GAFF, H.	6081	-	1,995.29	-	-	1,995.29	-	1,995.29		TRAD
100684-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GAUTHIER, D.	6081	3,338.71	5,611.67	-	13,314.11	22,264.50	4,922.71	27,187.21		TRAD
200239-010	VA DEPARTMENT OF AGRICULTURE	HORTH, L.	6081	-	397.47	-	-	397.47	-	397.47		TRAD
200264-010	VA DEPARTMENT OF AGRICULTURE	HORTH, L.	6081	1,969.88	1,614.00	-	-	3,583.88	-	3,583.88		TRAD
200287-010	VA DEPARTMENT OF AGRICULTURE	HORTH, L.	6081	16,725.10	16,951.31	-	-	33,676.41	-	33,676.41		TRAD
400360-010	NATIONAL CAPITAL LYME DISEASE ASSOCIATION	HYNES, W.	6081	-	96.00	-	-	96.00	-	96.00		TRAD
100684-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HYNES, W.	6081	7,790.32	13,093.91	-	31,066.26	51,950.49	11,486.33	63,436.82		TRAD
300439-010 *	UNIVERSITY OF RICHMOND	HYNES, W.	6081	-	665.10	-	-	665.10	-	665.10		TRAD
100496-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	KRAJ, P.	6081	-	(224.25)	-	-	(224.25)	(118.85)	(343.10)		TRAD
400339-010 *	PEW CHARITABLE TRUSTS	MAXWELL, S.	6081	-	12,269.61	-	-	12,269.61	-	12,269.61		TRAD
100671-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	NEELAKANTA, G.	6081	51,263.39	12,086.21	-	-	63,349.60	34,842.28	98,191.88		TRAD
100555-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	OSGOOD, C.	6081	615.78	53.34	-	-	669.12	368.01	1,037.13		TRAD
100585-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	OSGOOD, C.	6081	4,069.41	203.53	1,337.03	-	5,609.98	2,350.12	7,960.09		TRAD
400339-010 *	PEW CHARITABLE TRUSTS	OSGOOD, C.	6081	-	12,269.61	-	-	12,269.61	-	12,269.61		TRAD
100671-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	SULTANA, H.	6081	34,175.59	8,057.48	-	-	42,233.07	23,228.19	65,461.26		TRAD
400019-050	EASTERN VIRGINIA MEDICAL SCHOOL	SWANSON, J.	6081	-	(1,619.20)	-	-	(1,619.20)	-	(1,619.20)		TRAD
100724-010	NATIONAL SCIENCE FOUNDATION	WALLACE, L.	6081	4,276.97	1,359.00	-	-	5,635.97	3,099.79	8,735.76		TRAD
100542-010	NATIONAL SCIENCE FOUNDATION	WALTERS, E.	6081	22,941.25	29,037.15	-	3,083.85	55,062.25	13,514.39	68,576.64		TRAD
			6081 Total	628,429.79	290,204.22	6,498.03	117,655.55	1,042,787.59	243,612.19	1,286,399.79	23.36%	

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					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
Chemistry and Biochemistry												
100646-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	BAYSE, C.	6082	23,221.35	4,681.00	-	4,863.00	32,765.35	15,346.29	48,111.64		TRAD
400375-010	VIRGINIA ACADEMY OF SCIENCE	BAYSE, C.	6082	2,367.39	-	-	-	2,367.39	-	2,367.39		TRAD
100664-010 *	NATIONAL SCIENCE FOUNDATION	BAYSE, C.	6082	5,399.23	172.50	-	14,293.45	19,865.18	3,064.45	22,929.63		TRAD
300522-010 *	COLLEGE OF WILLIAM AND MARY	BAYSE, C.	6082	688.83	-	-	-	688.83	378.86	1,067.69		TRAD
100039-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	6082	(1,892.31)	-	-	-	(1,892.31)	(1,002.92)	(2,895.23)		TRAD
100584-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	6082	24,865.00	1,336.55	-	-	26,201.55	14,410.85	40,612.40		TRAD
100611-010	NASA GODDARD SPACEFLIGHT CENTER	BERNATH, P.	6082	81,054.03	8,695.11	-	1,117.60	90,866.74	49,362.04	140,228.78		TRAD
100698-010	NASA/HEADQUARTERS	BERNATH, P.	6082	69,085.68	883.76	-	-	69,969.44	38,483.18	108,452.62		TRAD
100693-010	OAK RIDGE NATIONAL LABORATORY	CHEN, HONG MEI	6082	14,860.52	468.18	-	-	15,328.70	8,430.79	23,759.49		TRAD
300437-010	OLD DOMINION UNIVERSITY	DONAT, J.	6082	-	-	-	22,774.46	22,774.46	772.28	23,546.74		TRAD
300476-010	OLD DOMINION UNIVERSITY	DONAT, J.	6082	160,708.84	133,239.97	-	-	293,948.81	20,802.18	314,750.99		TRAD
100627-010 *	U.S. DEPARTMENT OF AGRICULTURE	GREENE, L.	6082	10,201.01	8,044.70	-	-	18,245.71	7,820.11	26,065.82		TRAD
300440-010	VIRGINIA ACADEMY OF SCIENCE	GREENE, L.	6082	-	572.16	-	-	572.16	-	572.16		TRAD
100597-010	NATIONAL SCIENCE FOUNDATION	HATCHER, P.	6082	15,702.32	6,826.95	-	3,883.52	26,412.79	12,391.09	38,803.88		TRAD
300464-010	TEXAS A&M UNIVERSITY	HATCHER, P.	6082	57,344.10	10,685.30	-	-	68,029.40	37,416.18	105,445.58		TRAD
300466-010	UNIVERSITY OF MAINE	HATCHER, P.	6082	26,195.54	1,371.93	-	4,863.00	32,430.47	13,898.73	46,329.20		TRAD
100452-010	NATIONAL SCIENCE FOUNDATION	HOLDER, A.	6082	7,267.87	9,035.34	-	-	16,303.21	8,640.70	24,943.91		TRAD
100664-010 *	NATIONAL SCIENCE FOUNDATION	HOLDER, A.	6082	3,599.48	115.00	-	9,528.97	13,243.45	2,042.97	15,286.42		TRAD
100718-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HOLDER, A.	6082	4,828.28	1,432.48	-	19,728.86	25,989.61	877.85	26,867.46		TRAD
100718-020 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HOLDER, A.	6082	7,018.93	-	-	3,634.99	10,653.92	561.52	11,215.43		TRAD
100627-010 *	U.S. DEPARTMENT OF AGRICULTURE	LEE, J.	6082	23,802.36	18,770.97	-	-	42,573.33	18,246.92	60,820.25		TRAD
100681-010	NATIONAL SCIENCE FOUNDATION	MAO, J.	6082	7,246.71	230.06	-	-	7,476.77	4,112.22	11,588.99		TRAD
100808-010	NATIONAL SCIENCE FOUNDATION	MAO, J.	6082	1,405.56	-	-	-	1,405.56	773.06	2,178.62		TRAD
100512-020 *	NATIONAL SCIENCE FOUNDATION	MOPPER, K.	6082	170.74	-	-	-	170.74	90.49	261.23		TRAD
400386-010	INTERNATIONAL CENTER FOR DIFFRACTION DATA	PAGOLA, S.	6082	-	2,842.55	-	-	2,842.55	-	2,842.55		TRAD
100606-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	PURCELL, E.	6082	18,310.87	6,368.81	-	-	24,679.68	1,974.38	26,654.06		TRAD
300522-010 *	COLLEGE OF WILLIAM AND MARY	PURCELL, E.	6082	1,033.25	-	-	-	1,033.25	568.28	1,601.53		TRAD
500226-017 *	PULSE BIOSCIENCES (ELECTROBLATE)	PURCELL, E.	6082	7,872.67	3,024.30	-	-	10,896.97	5,993.33	16,890.29		TRAD
100729-010	NATIONAL SCIENCE FOUNDATION	WANG, G.	6082	18,555.74	13,144.15	-	2,990.30	34,690.19	17,434.94	52,125.13		TRAD
300483-010	OLD DOMINION UNIVERSITY	WANG, G.	6082	1,506.54	671.54	-	-	2,178.08	-	2,178.08		TRAD
100555-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	XU, N.	6082	11,699.82	1,013.40	-	-	12,713.22	6,992.27	19,705.49		TRAD
100585-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	XU, N.	6082	16,277.66	814.11	5,348.14	-	22,439.90	9,400.47	31,840.38		TRAD
100490-010	NATIONAL SCIENCE FOUNDATION	XU, N.	6082	237.87	299.60	-	-	537.47	284.87	822.34		TRAD
100490-030	NATIONAL SCIENCE FOUNDATION	XU, N.	6082	1,505.37	-	-	-	1,505.37	-	1,505.37		TRAD
100585-011	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	XU, N.	6082	4,757.40	-	-	-	4,757.40	2,616.55	7,373.95		TRAD
6082 Total				626,898.63	234,740.42	5,348.14	87,678.15	954,665.34	302,184.92	1,256,850.26		31.65%
Chemistry and Biochemistry												
200272-010 *	CENTER FOR INNOVATIVE TECHNOLOGY	RAMJEE, B.	6082.1	2,356.87	656.18	-	-	3,013.05	903.91	3,916.96		TRAD
6082.1 Total				2,356.87	656.18	-	-	3,013.05	903.91	3,916.96		30.00%

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			TOTAL DIRECT COSTS	PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER		REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Mathematics and Statistics													
100700-010	LANGLEY RESEARCH CENTER	BADAVI, F.	6083	92,689.08	-	-	-	92,689.08	24,099.15	-	116,788.23		TRAD
300476-014	OLD DOMINION UNIVERSITY	CHAGANTY, R.	6083	8,132.56	-	-	-	8,132.56	813.26	-	8,945.82		TRAD
200282-010	* VA DEPARTMENT OF MOTOR VEHICLES	DIAWARA, N	6083	13,223.24	4,313.91	-	-	17,537.14	4,559.66	-	22,096.80		TRAD
300493-010	OLD DOMINION UNIVERSITY	DIAWARA, N.	6083	2,028.70	2,437.06	-	-	4,465.76	-	-	4,465.76		TRAD
100689-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	DIAWARA, N.	6083	5,803.27	-	-	11,063.08	16,866.35	464.26	-	17,330.61		TRAD
100802-010	* NATIONAL SCIENCE FOUNDATION	DIAWARA, N.	6083	3,351.37	376.86	-	-	3,728.23	2,050.53	-	5,778.76		TRAD
400203-005	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	HU, F.	6083	2,645.38	169.24	-	532.00	3,346.62	731.80	-	4,078.42		TRAD
400203-006	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	HU, F.	6083	27,593.44	2,685.65	-	-	30,279.09	7,872.56	-	38,151.65		TRAD
400309-030	SIMONS FOUNDATION	JOO, S.	6083	-	1,626.78	-	-	1,626.78	271.02	-	1,897.80		TRAD
100665-010	NATIONAL SCIENCE FOUNDATION	LUO, L.	6083	20,908.01	-	-	-	20,908.01	11,499.41	-	32,407.42		TRAD
400347-011	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	LUO, L.	6083	30,123.81	-	-	-	30,123.81	-	-	30,123.81		TRAD
100645-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	PARK, K.	6083	-	12.50	-	-	12.50	6.88	-	19.38		TRAD
100480-010	* LANGLEY RESEARCH CENTER	TWEED, J.	6083	3,345.50	-	-	-	3,345.50	869.83	-	4,215.33		TRAD
100480-010	* LANGLEY RESEARCH CENTER	WILSON, J.	6083	63,564.51	-	-	-	63,564.51	16,526.77	-	80,091.28		TRAD
100794-010	NATIONAL SCIENCE FOUNDATION	XU, YUESHENG	6083	-	-	-	620.72	620.72	-	-	620.72		TRAD
100685-010	ARMY RESEARCH OFFICE	YAMALEEV, NAIL	6083	42,343.88	3,000.00	-	-	45,343.88	24,939.14	-	70,283.02		TRAD
100564-010	NATIONAL SCIENCE FOUNDATION	ZHOU, R.	6083	-	141.03	-	-	141.03	77.57	-	218.60		TRAD
6083 Total				315,752.74	14,763.03	-	12,215.80	342,731.57	94,781.83	-	437,513.40	27.65%	
Ocean, Earth and Atmospheric Sciences													
100805-010	NATIONAL SCIENCE FOUNDATION	BOCHDANSKY, A.	6085	9,651.37	14,075.76	1,869.00	-	25,596.13	13,049.93	-	38,646.06		TRAD
100536-010	NATIONAL SCIENCE FOUNDATION	BURDIGE, D.	6085	8,190.11	1,940.15	-	14,417.63	24,547.89	5,571.65	-	30,119.54		TRAD
100705-010	NATIONAL SCIENCE FOUNDATION	BURDIGE, D.	6085	15,005.97	3,657.10	2,500.00	-	21,163.07	10,264.70	-	31,427.77		TRAD
100608-010	* NATIONAL SCIENCE FOUNDATION	BURDIGE, D.	6085	20,386.20	11,458.66	4,123.50	1,602.00	37,570.36	17,514.67	-	55,085.03		TRAD
100530-010	NATIONAL SCIENCE FOUNDATION	CHAPPELL, P.	6085	-	11,468.74	-	-	11,468.74	6,078.43	-	17,547.17		TRAD
100666-010	NATIONAL SCIENCE FOUNDATION	CHAPPELL, P.	6085	-	-	-	22,305.14	22,305.14	-	-	22,305.14		TRAD
100803-010	NATIONAL SCIENCE FOUNDATION	CHAPPELL, P.	6085	19,553.71	6,975.91	-	-	26,529.62	14,591.30	-	41,120.92		TRAD
100625-010	* NATIONAL SCIENCE FOUNDATION	COVI, M.	6085	10,161.07	878.00	-	-	11,039.07	6,071.49	-	17,110.56		TRAD
200246-020	* CITY OF VIRGINIA BEACH	COVI, M.	6085	4,612.69	92.00	-	-	4,704.69	1,223.22	-	5,927.91		TRAD
300366-010	* UNIVERSITY OF NORTH CAROLINA	COVI, M.	6085	1,402.73	2,204.79	-	-	3,607.52	1,984.14	-	5,591.66		TRAD
300471-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M.	6085	23,656.47	2,461.86	-	-	26,118.33	-	-	26,118.33		TRAD
300468-010	UNIVERSITY OF VIRGINIA	COVI, M.	6085	(23.35)	-	-	-	(23.35)	(6.07)	-	(29.42)		TRAD
300469-010	UNIVERSITY OF VIRGINIA	COVI, M.	6085	352.36	899.69	-	-	1,252.05	62.60	-	1,314.65		TRAD
300484-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	COVI, M.	6085	19,805.59	2,440.15	-	3,654.09	25,899.83	5,783.88	-	31,683.71		TRAD
300512-010	UNIVERSITY OF VIRGINIA	COVI, M.	6085	2,511.70	-	-	-	2,511.70	-	-	2,511.70		TRAD
400317-010	ELIZABETH RIVER PROJECT (LIVING RIVER RESTORATION TRUST)	COVI, M.	6085	5,114.81	-	-	-	5,114.81	1,329.85	-	6,444.66		TRAD
400379-010	MID-ATLANTIC COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION	COVI, M.	6085	3,187.56	-	-	-	3,187.56	1,020.02	-	4,207.58		TRAD
100484-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	6085	436.10	150.91	-	-	587.01	311.12	-	898.13		TRAD
100649-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	6085	44,475.84	129,577.73	-	-	174,053.57	95,729.46	-	269,783.03		TRAD
100677-010	NATIONAL SCIENCE FOUNDATION	CUTTER, G.	6085	14,914.24	3,518.57	-	-	18,432.81	10,138.06	-	28,570.87		TRAD
400400-010	SAN FRANCISCO ESTUARY INSTITUTE	CUTTER, G.	6085	2,283.57	117.10	-	-	2,400.67	1,320.38	-	3,721.05		TRAD
100655-010	* NATIONAL SCIENCE FOUNDATION	FILIPPINO, K.	6085	5,363.52	-	-	12,936.73	18,300.24	2,949.93	-	21,250.17		TRAD
100252-010	* NATIONAL SCIENCE FOUNDATION	GEORGEN, J.	6085	2,945.30	23,166.70	-	3,448.25	29,560.25	13,839.36	-	43,399.61		TRAD
100651-010	NATIONAL SCIENCE FOUNDATION	GEORGEN, J.	6085	-	450.45	-	-	450.45	247.75	-	698.20		TRAD
100527-025	NASA GODDARD SPACEFLIGHT CENTER	HALE, R.	6085	-	420.00	-	-	420.00	-	-	420.00		TRAD
200286-010	HAMPTON ROADS SANITATION DISTRICT COMMISSION	HALE, R.	6085	29,091.77	623.00	-	8,590.00	38,304.77	7,428.70	-	45,733.47		TRAD
100655-010	* NATIONAL SCIENCE FOUNDATION	HARVEY, H.	6085	5,363.52	-	-	12,936.73	18,300.24	2,949.93	-	21,250.17		TRAD
100615-010	NATIONAL SCIENCE FOUNDATION	HARVEY, R.	6085	27,190.29	11,800.91	-	1,320.00	40,311.20	21,445.16	-	61,756.36		TRAD

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE	
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS				SPECIAL FEES
100656-010	* NASA GODDARD SPACEFLIGHT CENTER	HILL, V	6085	13,331.76	1,980.09	-	-	15,311.85	8,421.52	23,733.37		TRAD	
300498-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	HILL, V	6085	13,107.76	32.58	-	-	13,140.34	7,227.19	20,367.53		TRAD	
100604-010	NATIONAL SCIENCE FOUNDATION	HILL, V.	6085	14,016.48	3,722.22	17,216.04	-	34,954.74	9,756.27	44,711.01		TRAD	
200283-010	VA MARINE RESOURCES COMMISSION (VMRC)	JONES, C.	6085	105,806.00	2,712.99	-	-	108,518.99	27,129.76	135,648.75		TRAD	
100735-010	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	MULHOLLAND, M.	6085	35,915.57	5,850.82	-	3,204.00	44,970.39	22,971.53	67,941.92		TRAD	
200275-010	HAMPTON ROADS SANITATION DISTRICT COMMISSION	MULHOLLAND, M.	6085	57,708.25	1,020.77	-	-	58,729.02	5,872.91	64,601.93		TRAD	
100512-020	* NATIONAL SCIENCE FOUNDATION	MULHOLLAND, M.	6085	278.58	-	-	-	278.58	147.65	426.23		TRAD	
100679-010	NATIONAL SCIENCE FOUNDATION	SCHMIDT, M.	6085	39,087.61	4,396.95	-	-	43,484.56	23,916.51	67,401.07		TRAD	
100712-010	NATIONAL SCIENCE FOUNDATION	SCHMIDT, M.	6085	10,982.86	-	-	-	10,982.86	6,040.57	17,023.43		TRAD	
100563-010	NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	6085	32,715.29	8,215.12	-	-	40,930.41	22,511.72	63,442.13		TRAD	
100742-010	NATIONAL SCIENCE FOUNDATION	SEDWICK, P.	6085	7,708.91	14,051.62	-	-	21,760.53	11,968.28	33,728.81		TRAD	
100802-010	* NATIONAL SCIENCE FOUNDATION	WHITTECAR, G.	6085	3,351.37	376.86	-	-	3,728.23	2,050.53	5,778.76		TRAD	
300041-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	WHITTECAR, G.	6085	-	1,538.91	-	-	1,538.91	538.62	2,077.53		TRAD	
500318-010	WEANACK LAND LIMITED PARTNERS	WHITTECAR, G.	6085	2,690.22	523.24	-	-	3,213.46	835.49	4,048.95		TRAD	
100608-010	* NATIONAL SCIENCE FOUNDATION	ZIMMERMAN, R.	6085	20,386.20	11,458.66	4,123.50	1,602.00	37,570.36	17,514.67	55,085.03		TRAD	
100656-010	* NASA GODDARD SPACEFLIGHT CENTER	ZIMMERMAN, R.	6085	13,735.76	2,040.09	-	-	15,775.85	8,676.72	24,452.56		TRAD	
300498-010	* VA INSTITUTE OF MARINE SCIENCE (VIMS)	ZIMMERMAN, R.	6085	13,107.76	32.58	-	-	13,140.34	7,227.19	20,367.53		TRAD	
6085 Total				659,563.50	286,331.67	29,832.04	86,016.56	1,061,743.78	423,706.77	-	1,485,450.55	39.91%	
Ocean, Earth and Atmospheric Sciences - Mitigation and Adaptation Research Institute													
100565-010	U.S. FISH AND WILDLIFE SERVICES	PLAG, H.	6085	-	3,634.68	-	16,759.36	20,394.04	-	20,394.04		MARI	
6085.5 Total				-	3,634.68	-	16,759.36	20,394.04	-	-	20,394.04	0.00%	
Center for Coastal Physical Oceanography													
300385-020	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	ATKINSON, L.	6086	44,440.26	17,399.15	-	-	61,839.41	34,011.67	95,851.08		TRAD	
300451-010	UNIVERSITY OF RHODE ISLAND	ATKINSON, L.	6086	7,546.41	-	-	-	7,546.41	4,150.53	11,696.94		TRAD	
100598-010	* NATIONAL SCIENCE FOUNDATION	DINNIMAN, M.	6086	7,696.84	-	-	-	7,696.84	4,233.26	11,930.10		TRAD	
100686-010	* NATIONAL SCIENCE FOUNDATION	DINNIMAN, M.	6086	6,340.03	859.38	-	-	7,199.41	3,959.68	11,159.08		TRAD	
100747-010	* NATIONAL SCIENCE FOUNDATION	DINNIMAN, M.	6086	4,280.02	-	-	-	4,280.02	2,354.01	6,634.03		TRAD	
100686-010	* NATIONAL SCIENCE FOUNDATION	HOFMANN, E.	6086	6,340.03	859.38	-	-	7,199.41	3,959.68	11,159.08		TRAD	
100735-011	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HOFMANN, E.	6086	7,683.49	-	-	-	7,683.49	4,225.93	11,909.42		TRAD	
200249-011	* HAMPTON ROADS SANITATION DISTRICT COMMISSION	HOFMANN, E.	6086	-	-	-	1,196.20	1,196.20	119.70	1,315.90		TRAD	
200275-011	* HAMPTON ROADS SANITATION DISTRICT COMMISSION	HOFMANN, E.	6086	8,034.02	-	-	-	8,034.02	803.41	8,837.42		TRAD	
300279-010	PENNSYLVANIA STATE UNIVERSITY	HOFMANN, E.	6086	9,747.93	-	-	-	9,747.93	5,166.40	14,914.33		TRAD	
300322-010	UNIVERSITY OF SOUTHERN MISSISSIPPI	HOFMANN, E.	6086	11,003.43	2,677.96	-	-	13,681.39	7,251.14	20,932.53		TRAD	
300399-010	VA INSTITUTE OF MARINE SCIENCE (VIMS)	HOFMANN, E.	6086	11,235.46	-	-	-	11,235.46	6,179.50	17,414.96		TRAD	
400355-010	CHESAPEAKE BAY FOUNDATION	HOFMANN, E.	6086	-	104.65	-	-	104.65	-	104.65		TRAD	
400356-010	CHESAPEAKE BAY FOUNDATION	HOFMANN, E.	6086	-	2,362.50	-	-	2,362.50	-	2,362.50		TRAD	
100577-010	NATIONAL SCIENCE FOUNDATION	KLINCK, J.	6086	10,636.63	3,518.00	-	-	14,154.63	7,785.05	21,939.68		TRAD	
100589-010	NASA GODDARD SPACEFLIGHT CENTER	KLINCK, J.	6086	10,059.71	-	8,398.00	-	18,457.71	5,532.85	23,990.56		TRAD	
100598-010	* NATIONAL SCIENCE FOUNDATION	KLINCK, J.	6086	7,696.84	-	-	-	7,696.84	4,233.26	11,930.10		TRAD	
100657-010	NASA GODDARD SPACEFLIGHT CENTER	KLINCK, J.	6086	14,678.67	651.40	-	-	15,330.07	8,431.54	23,761.61		TRAD	
100660-010	LOS ALAMOS NATIONAL LABORATORIES	KLINCK, J.	6086	8,606.55	-	-	-	8,606.55	4,733.61	13,340.16		TRAD	
100687-010	NASA/HEADQUARTERS	KLINCK, J.	6086	24,844.46	6,536.80	-	(28.60)	31,352.66	17,259.70	48,612.36		TRAD	
100747-010	* NATIONAL SCIENCE FOUNDATION	KLINCK, J.	6086	4,280.02	-	-	-	4,280.02	2,354.01	6,634.03		TRAD	
200275-011	* HAMPTON ROADS SANITATION DISTRICT COMMISSION	KLINCK, J.	6086	5,356.01	-	-	-	5,356.01	535.60	5,891.62		TRAD	
6086 Total				210,506.79	34,969.21	8,398.00	1,167.60	255,041.60	127,280.52	-	382,322.12	49.91%	

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					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Psychology												
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	BARRACO, C.	6087	1,163.34	132.51	-	-	1,295.84	712.71	2,008.56		TRAD
500329-010	VR REHAB, INC.	BLISS, J.	6087	5,074.61	-	-	-	5,074.61	2,791.04	7,865.65		TRAD
100521-010 *	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	BLISS, J.	6087	-	(1,661.39)	-	-	(1,661.39)	(431.96)	(2,093.36)		TRAD
100626-010	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	BRAITMAN, A.	6087	53,670.04	9,863.83	-	-	63,533.87	5,082.70	68,616.57		TRAD
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	BRAITMAN, A.	6087	1,163.34	132.51	-	-	1,295.84	712.71	2,008.56		TRAD
100798-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	BRAITMAN, A.	6087	5,025.66	63.50	-	-	5,089.17	2,799.04	7,888.21		TRAD
100690-010	NATIONAL SCIENCE FOUNDATION	CHEN, J.	6087	9,602.52	8,219.02	-	-	17,821.54	9,801.85	27,623.39		TRAD
300508-010	OLD DOMINION UNIVERSITY	CIGULAROV, K.	6087	-	1,293.33	-	1,206.67	2,500.00	-	2,500.00		TRAD
100738-010 *	NATIONAL SCIENCE FOUNDATION	CIGULAROV, K.	6087	3,839.39	789.35	-	10,007.73	14,636.46	2,545.80	17,182.26		TRAD
100551-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HENSON, M.	6087	16,912.29	1,245.60	-	31,337.53	49,495.42	9,623.68	59,119.10		TRAD
100551-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HERON, K.	6087	939.57	69.20	-	1,740.97	2,749.75	534.65	3,284.39		TRAD
100798-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HERON, K.	6087	20,102.66	254.02	-	-	20,356.67	11,196.17	31,552.85		TRAD
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	HERON, K.	6087	4,154.78	473.23	-	-	4,628.01	2,545.41	7,173.42		TRAD
400353-010	AMERICAN PSYCHOLOGICAL FOUNDATION	HU, X.	6087	1,204.74	-	-	-	1,204.74	-	1,204.74		TRAD
100521-010 *	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	HU, X.	6087	-	(1,661.39)	-	-	(1,661.39)	(431.96)	(2,093.36)		TRAD
400396-010	AMERICAN PSYCHOLOGICAL FOUNDATION	JUDAH, M.	6087	-	2,152.49	-	591.09	2,743.58	-	2,743.58		TRAD
100726-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	JUDAH, M.	6087	6,256.09	1,293.81	-	-	7,549.90	2,415.97	9,965.87		TRAD
100551-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	KELLEY, M.	6087	939.57	69.20	-	1,740.97	2,749.75	534.65	3,284.39		TRAD
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	KELLEY, M.	6087	664.76	75.72	-	-	740.48	407.27	1,147.75		TRAD
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	LEWIS, R.	6087	8,309.56	946.47	-	-	9,256.03	5,090.82	14,346.84		TRAD
100798-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	LEWIS, R.	6087	8,376.11	105.84	-	-	8,481.95	4,665.07	13,147.02		TRAD
100570-010	NATIONAL SCIENCE FOUNDATION	MAJOR, D.	6087	1,663.31	-	-	-	1,663.31	881.56	2,544.87		TRAD
100673-010 *	NATIONAL SCIENCE FOUNDATION	MAJOR, D.	6087	2,756.41	-	-	2,205.40	4,961.81	1,516.03	6,477.83		TRAD
300489-010	UNIVERSITY OF COLORADO	PAULSON, J.	6087	4,470.29	-	-	-	4,470.29	2,458.66	6,928.95		TRAD
100619-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH	WINSTEAD, B.	6087	1,163.34	132.51	-	-	1,295.84	712.71	2,008.56		TRAD
100521-010 *	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	YAMANI, Y.	6087	-	(1,661.39)	-	-	(1,661.39)	(431.96)	(2,093.36)		TRAD
200281-010 *	VA DEPARTMENT OF MOTOR VEHICLES	YAMANI, Y.	6087	12,528.48	6,026.23	-	-	18,554.71	4,824.22	23,378.93		TRAD
6087 Total				169,980.85	28,354.16	-	48,830.37	247,165.38	70,556.85	-	317,722.22	28.55%

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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SPONSORED PROGRAM EXPENDITURES BY INDIVIDUAL PROJECT**

FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES			
Physics												
100388-150 *	U.S. DEPARTMENT OF ENERGY	AMARYAN, M.	6090	40,409.07	4,365.15	3,652.04	552.77	48,979.03	24,625.82	73,604.85		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	AMARYAN, M.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
300348-010 *	CATHOLIC UNIVERSITY (THE CATHOLIC UNIVERSITY OF AMERIC,	AMARYAN, M.	6090	-	326.50	-	-	326.50	173.05	499.55		TRAD
100652-010 *	NATIONAL SCIENCE FOUNDATION	ARETI, H.	6090	-	-	-	11,543.91	11,543.91	-	11,543.91		TRAD
100392-030 *	U.S. DEPARTMENT OF ENERGY	BALITSKY, I.	6090	12,717.66	2,281.37	-	786.75	15,785.78	7,949.49	23,735.27		TRAD
300510-010 *	OLD DOMINION UNIVERSITY	BRICENO, R.	6090	5,545.53	-	-	-	5,545.53	3,050.04	8,595.57		TRAD
100388-150 *	U.S. DEPARTMENT OF ENERGY	BUELTMANN, S.	6090	35,655.06	3,851.60	3,222.39	487.74	43,216.79	21,728.66	64,945.45		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	BUELTMANN, S.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
100652-010 *	NATIONAL SCIENCE FOUNDATION	BUELTMANN, S.	6090	-	-	-	9,894.78	9,894.78	-	9,894.78		TRAD
100614-010 *	NATIONAL SCIENCE FOUNDATION	CIOVATI, G.	6090	5,197.13	981.93	-	1,931.88	8,110.94	1,606.55	9,717.49		TRAD
100711-010 *	U.S. DEPARTMENT OF ENERGY	DE SILVA, P.	6090	5,268.50	-	-	-	5,268.50	1,369.81	6,638.31		TRAD
100387-020 *	U.S. DEPARTMENT OF ENERGY	DELAYEN, J.	6090	22,075.15	2,886.39	10,201.10	-	26,807.15	6,490.00	33,297.15		TRAD
100492-010 *	NATIONAL SCIENCE FOUNDATION	DELAYEN, J.	6090	10,260.25	3,940.07	-	10,503.30	24,703.62	7,526.17	32,229.79		TRAD
100703-010	FERMI NATIONAL ACCELERATOR LABORATORY	DELAYEN, J.	6090	38,495.94	2,101.80	-	21,995.62	62,593.36	10,555.42	73,148.78		TRAD
100727-010	U.S. DEPARTMENT OF ENERGY	DELAYEN, J.	6090	4,558.61	-	-	-	4,558.61	1,185.22	5,743.83		TRAD
400343-010	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	DELAYEN, J.	6090	28,294.75	11,151.21	52,390.84	17,902.40	109,739.20	21,695.28	131,434.48		TRAD
100614-010 *	NATIONAL SCIENCE FOUNDATION	DELAYEN, J.	6090	3,897.85	736.45	-	1,448.91	6,083.21	1,204.91	7,288.12		TRAD
100711-010 *	U.S. DEPARTMENT OF ENERGY	DELAYEN, J.	6090	15,805.49	-	-	-	15,805.49	4,109.43	19,914.92		TRAD
300442-010 *	TEMPLE UNIVERSITY	DELAYEN, J.	6090	8,592.92	3,850.58	-	1,639.90	14,083.39	6,843.92	20,927.31		TRAD
100388-150 *	U.S. DEPARTMENT OF ENERGY	DODGE, G.	6090	40,409.07	4,365.15	3,652.04	552.77	48,979.03	24,625.82	73,604.85		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	DODGE, G.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
100652-010 *	NATIONAL SCIENCE FOUNDATION	DODGE, G.	6090	-	-	-	11,543.91	11,543.91	-	11,543.91		TRAD
100554-010 *	NATIONAL SCIENCE FOUNDATION	GODUNOV, A.	6090	6,199.00	-	-	130.95	6,329.95	3,285.47	9,615.42		TRAD
100387-020 *	U.S. DEPARTMENT OF ENERGY	GUREVICH, A.	6090	22,075.15	2,886.39	10,201.10	26,807.15	61,969.78	6,490.00	68,459.78		TRAD
100492-010 *	NATIONAL SCIENCE FOUNDATION	GUREVICH, A.	6090	10,260.25	3,940.07	-	10,503.30	24,703.62	7,526.17	32,229.79		TRAD
100668-010	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	GUREVICH, A.	6090	-	6,095.85	-	-	6,095.85	3,352.72	9,448.57		TRAD
100614-010 *	NATIONAL SCIENCE FOUNDATION	GUREVICH, A.	6090	3,897.85	736.45	-	1,448.91	6,083.21	1,204.91	7,288.12		TRAD
300442-010 *	TEMPLE UNIVERSITY	GUREVICH, A.	6090	8,592.92	3,850.58	-	1,639.90	14,083.39	6,843.92	20,927.31		TRAD
100602-010	NATIONAL SCIENCE FOUNDATION	HAVEY, M.	6090	29,726.28	12,530.63	-	6,408.00	48,664.91	23,241.30	71,906.21		TRAD
100532-010 *	U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	HE, J.	6090	3,670.65	263.92	-	-	3,934.57	2,164.01	6,098.58		TRAD
100388-150 *	U.S. DEPARTMENT OF ENERGY	HYDE, C.	6090	40,409.07	4,365.15	3,652.04	552.77	48,979.03	24,625.82	73,604.85		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	HYDE, C.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
100697-010	BROOKHAVEN NATIONAL LABORATORY	HYDE, C.	6090	12,168.40	-	-	-	12,168.40	3,163.78	15,332.18		TRAD
400347-010	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	HYDE, C.	6090	320,290.12	-	-	-	320,290.12	-	320,290.12		TRAD
300348-010 *	CATHOLIC UNIVERSITY (THE CATHOLIC UNIVERSITY OF AMERIC,	HYDE, C.	6090	-	326.50	-	-	326.50	173.05	499.55		TRAD
400346-010 *	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	HYDE, C.	6090	130,913.56	-	-	-	130,913.56	-	130,913.56		TRAD
100722-010	U.S. DEPARTMENT OF ENERGY	KRAFFT, G.	6090	10,392.66	-	-	-	10,392.66	2,702.11	13,094.77		TRAD
400320-010	AMERICAN PHYSICAL SOCIETY (APS)	KRAFFT, G.	6090	-	-	-	15,800.64	15,800.64	-	15,800.64		TRAD
100388-150 *	U.S. DEPARTMENT OF ENERGY	KUHN, S.	6090	40,409.07	4,365.15	3,652.04	552.77	48,979.03	24,625.82	73,604.85		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	KUHN, S.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
100392-030 *	U.S. DEPARTMENT OF ENERGY	RADYUSHKIN, A.	6090	12,717.66	2,281.37	-	786.75	15,785.78	7,949.49	23,735.27		TRAD
300444-010	OLD DOMINION UNIVERSITY	ROGERS, TED	6090	49,875.19	10,856.70	-	532.00	61,263.89	33,402.54	94,666.43		TRAD
100392-030 *	U.S. DEPARTMENT OF ENERGY	SCHIAVILLA, R.	6090	12,717.66	2,281.37	-	786.75	15,785.78	7,949.49	23,735.27		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	STEPANYAN, S.	6090	32,622.10	-	-	-	32,622.10	8,481.75	41,103.85		TRAD
100554-010 *	NATIONAL SCIENCE FOUNDATION	TERZIC, B.	6090	6,199.00	-	-	130.95	6,329.95	3,285.47	9,615.42		TRAD
300030-014 *	UNIVERSITY OF VIRGINIA	TERZIC, B.	6090	701.10	489.85	-	60.00	1,250.95	-	1,250.95		TRAD
100392-030 *	U.S. DEPARTMENT OF ENERGY	VAN ORDEN, J.	6090	12,717.66	2,281.37	-	786.75	15,785.78	7,949.49	23,735.27		TRAD
100535-010	U.S. DEPARTMENT OF ENERGY	VUSKOVIC, L.	6090	23,155.70	9,575.15	-	-	32,730.85	17,347.35	50,078.20		TRAD
100388-150 *	U.S. DEPARTMENT OF ENERGY	WEINSTEIN, L.	6090	40,409.07	4,365.15	3,652.04	552.77	48,979.03	24,625.82	73,604.85		TRAD
100388-151 *	U.S. DEPARTMENT OF ENERGY	WEINSTEIN, L.	6090	2,330.15	-	-	-	2,330.15	605.84	2,935.99		TRAD
400374-010	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	WEINSTEIN, L.	6090	-	-	-	5,789.45	5,789.45	-	5,789.45		TRAD
6090 Total				1,121,283.95	112,329.80	94,275.65	190,861.58	1,518,750.99	368,765.09	-	1,887,516.07	24.28%

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE	
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS	SPECIAL FEES				
Computer Sciences													
100483-010	* NATIONAL SCIENCE FOUNDATION	CHERNIKOV, A.	6093	9,417.86	1,660.66	-	-	11,078.52	5,871.62	16,950.14		TRAD	
400303-020	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	CHERNIKOV, A.	6093	17,154.60	-	-	532.00	17,686.60	1,001.80	18,688.40		TRAD	
100558-010	LANGLEY RESEARCH CENTER	CHRISOCHOIDES, N.	6093	20,028.13	-	-	-	20,028.13	11,015.48	31,043.61		TRAD	
400406-010	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	CHRISOCHOIDES, N.	6093	9,293.10	-	-	-	9,293.10	-	9,293.10		TRAD	
100483-010	* NATIONAL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	6093	18,281.74	3,223.63	-	-	21,505.37	11,397.84	32,903.21		TRAD	
100689-020	* U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GUPTA, A.	6093	5,803.27	-	-	11,063.08	16,866.35	464.26	17,330.61		TRAD	
600202-010	ACHARYA INSTITUTE OF TECHNOLOGY	MALY, K.	6093	-	1,144.98	-	-	1,144.98	-	1,144.98		TRAD	
100554-010	* NATIONAL SCIENCE FOUNDATION	RANJAN, D.	6093	6,199.00	-	-	130.95	6,329.95	3,285.47	9,615.42		TRAD	
100718-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	RANJAN, D.	6093	4,828.28	1,432.48	-	19,728.86	25,989.61	877.85	26,867.46		TRAD	
100718-020	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	RANJAN, D.	6093	7,018.93	-	-	3,634.99	10,653.92	561.52	11,215.43		TRAD	
100801-010	NATIONAL SCIENCE FOUNDATION	WANG, C.	6093	1,448.50	-	-	-	1,448.50	796.68	2,245.18		TRAD	
100519-010	* INSTITUTE OF MUSEUM AND LIBRARY SERVICES	WEIGLE, M.	6093	2,344.59	1,519.58	-	-	3,864.17	2,048.01	5,912.18		TRAD	
100552-010	* NATIONAL SCIENCE FOUNDATION	WEIGLE, M.	6093	18,782.38	1,484.45	5,000.00	1,673.88	26,940.71	10,741.42	37,682.12		TRAD	
100676-010	* NATIONAL ENDOWMENT FOR THE HUMANITIES	WEIGLE, M.	6093	3,024.06	2,230.98	-	-	5,255.04	2,890.26	8,145.30		TRAD	
300380-010	* OLD DOMINION UNIVERSITY	WEIGLE, M.	6093	22,551.52	6,871.45	-	16,949.05	46,372.02	-	46,372.02		TRAD	
300491-010	PENNSYLVANIA STATE UNIVERSITY	WU, J.	6093	1,744.54	1,762.14	-	-	3,506.68	1,928.68	5,435.36		TRAD	
100554-010	* NATIONAL SCIENCE FOUNDATION	ZUBAIR, M.	6093	6,199.00	-	-	130.95	6,329.95	3,285.47	9,615.42		TRAD	
300437-015	OLD DOMINION UNIVERSITY	ZUBAIR, M.	6093	-	-	-	5,499.73	5,499.73	550.67	6,050.40		TRAD	
300476-015	OLD DOMINION UNIVERSITY	ZUBAIR, M.	6093	14,494.52	-	-	-	14,494.52	1,449.45	15,943.97		TRAD	
500268-004	ENGLITY	ZUBAIR, M.	6093	37,879.34	2,628.35	-	-	40,507.69	10,532.01	51,039.70		TRAD	
6093 Total				206,493.34	23,958.70	5,000.00	59,343.49	294,795.52	68,698.48	363,494.00	23.30%		
Computer Sciences - ARC - Applied Research Center													
100552-010	* NATIONAL SCIENCE FOUNDATION	NELSON, M.	6093.3	18,782.38	1,484.45	5,000.00	1,673.88	26,940.71	10,741.42	37,682.12		ARC	
100676-010	* NATIONAL ENDOWMENT FOR THE HUMANITIES	NELSON, M.	6093.3	3,024.06	2,230.98	-	-	5,255.04	2,890.26	8,145.30		ARC	
300472-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	NELSON, M.	6093.3	6,081.44	-	-	-	6,081.44	3,344.80	9,426.24		ARC	
100519-010	* INSTITUTE OF MUSEUM AND LIBRARY SERVICES	NELSON, M.	6093.3	2,344.59	1,519.58	-	-	3,864.17	2,048.01	5,912.18		ARC	
300380-010	* OLD DOMINION UNIVERSITY	NELSON, M.	6093.3	22,551.52	6,871.45	-	16,949.05	46,372.02	-	46,372.02		ARC	
6093.3 Total				52,783.98	12,106.46	5,000.00	18,622.93	88,513.37	19,024.49	107,537.85	21.49%		
Computer Sciences - CYBER - Center for Cybersecurity													
100746-010	* NATIONAL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	6093.9	-	-	300,740.23	-	300,740.23	-	300,740.23		CYBER	
100745-010	* NATIONAL SCIENCE FOUNDATION	WANG, C.	6093.9	3,788.84	-	-	2,236.24	6,025.08	2,083.86	8,108.94		CYBER	
600214-010	HUAWEI TECHNOLOGIES CO. LTD	WANG, C.	6093.9	-	-	-	3,872.78	3,872.78	2,129.48	6,002.26		CYBER	
100799-010	* NATIONAL SECURITY AGENCY	ZHAO, D.	6093.9	1,818.23	-	-	-	1,818.23	1,000.03	2,818.25		CYBER	
6093.9 Total				5,607.07	-	300,740.23	6,109.02	312,456.31	5,213.36	317,669.68	1.67%		
TOTAL COLLEGE OF SCIENCES				\$ 4,012,211.87	\$ 1,054,307.08	\$ 455,092.09	\$ 645,260.40	\$ 6,166,871.43	\$ 1,737,879.26	\$ -	\$ 7,904,750.69	28.18%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE	
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	REIMBURSED INDIRECT COSTS				SPECIAL FEES
OFFICE OF RESEARCH AND OTHER UNITS												
CBE - Frank Reidy Center for Bioelectronics												
300427-010	* OLD DOMINION UNIVERSITY	BEEBE, S.	9010.2	7,760.04	303.91	-	5,000.00	13,063.94	2,419.18	15,483.12	CBE	
300427-910	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	1,604.09	5,764.03	-	-	7,368.11	2,210.44	9,578.55	CBE	
500226-013	* PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, S.	9010.2	11,297.06	2,632.83	-	-	13,929.89	7,661.44	21,591.33	CBE	
600186-010	* UNIVERSITY OF SOUTHAMPTON	CHEN, HAI LAN	9010.2	-	(3,949.03)	-	-	(3,949.03)	(2,092.98)	(6,042.01)	CBE	
100732-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	GUO, S.	9010.2	19,950.20	11,670.57	-	-	31,620.76	17,391.42	49,012.18	CBE	
300427-010	* OLD DOMINION UNIVERSITY	GUO, S.	9010.2	7,760.04	303.91	-	5,000.00	13,063.94	2,419.18	15,483.12	CBE	
300427-910	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	1,604.09	5,764.03	-	-	7,368.11	2,210.44	9,578.55	CBE	
500226-011	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	147.48	(286.28)	-	-	(138.80)	(76.34)	(215.14)	CBE	
500226-013	* PULSE BIOSCIENCES (ELECTROBLATE)	GUO, S.	9010.2	11,297.06	2,632.83	-	-	13,929.89	7,661.44	21,591.33	CBE	
500226-015	* PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, C.	9010.2	56,796.82	13,977.22	-	-	70,774.04	38,925.73	109,699.77	CBE	
500226-017	* PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, C.	9010.2	7,872.67	3,024.30	-	-	10,896.97	5,993.33	16,890.29	CBE	
100548-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	PAKHOMOVA, O.	9010.2	1,610.74	225.39	-	-	1,836.13	1,009.87	2,846.00	CBE	
300345-012	* OLD DOMINION UNIVERSITY	PAKHOMOVA, O.	9010.2	28,581.97	19,666.96	-	-	48,248.93	26,536.91	74,785.84	CBE	
300345-013	* OLD DOMINION UNIVERSITY	PAKHOMOVA, O.	9010.2	2,363.07	488.56	-	-	2,851.63	1,568.40	4,420.02	CBE	
500226-015	* PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, O.	9010.2	14,199.20	3,494.31	-	-	17,693.51	9,731.43	27,424.94	CBE	
100548-010	* U.S. PUBLIC HEALTH SERVICE (NATIONAL INSTITUTES OF HEALTH)	SEMENOV, I.	9010.2	3,221.49	450.78	-	-	3,672.26	2,019.74	5,692.00	CBE	
300345-013	* OLD DOMINION UNIVERSITY	SEMENOV, I.	9010.2	1,181.53	244.28	-	-	1,425.81	784.20	2,210.01	CBE	
400393-010	BREEDEN-ADAMS FOUNDATION	STACEY, M.	9010.2	-	4,505.66	-	-	4,505.66	-	4,505.66	CBE	
100474-010	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	VERNIER, P.	9010.2	11,899.00	1,815.21	-	-	13,714.21	7,268.55	20,982.76	CBE	
300345-013	* OLD DOMINION UNIVERSITY	VERNIER, P.	9010.2	4,430.75	916.05	-	-	5,346.80	2,940.74	8,287.54	CBE	
9010.2 Total				193,577.26	73,645.50	-	10,000.00	277,222.76	136,583.10	-	413,805.86	49.27%

**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
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FOR THE SIX-MONTH PERIOD ENDED June 30, 2019

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			TOTAL DIRECT COSTS	PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER		REIMBURSED INDIRECT COSTS	SPECIAL FEES			
VMASO - Virginia Modeling, Analysis & Simulation Center													
600201-010	* UNIVERSITY OF AGDER	BARRACO, A.	9010.3	8,237.30	4.50	-	-	8,241.80	4,532.99	-	12,774.79	VMASC	
300492-010	* OLD DOMINION UNIVERSITY	BEHR, J.	9010.3	4,252.82	322.49	-	-	4,575.31	-	-	4,575.31	VMASC	
500341-001	* APPLIED RESEARCH ASSOCIATES, INC.	ROLL, M.	9010.3	(6.12)	-	-	0.00	(6.11)	(3.36)	-	(9.48)	VMASC	
500342-001	* WR SYSTEMS, LTD.	ROLL, M.	9010.3	-	-	-	876.97	876.97	570.07	-	1,447.04	VMASC	
500376-010	* CAMBER CORPORATION	CVIJETIC, B.	9010.3	-	-	-	53.20	53.20	34.44	-	87.64	VMASC	
500391-010	* CAMBER CORPORATION	CVIJETIC, B.	9010.3	15,687.32	-	-	-	15,687.32	10,196.76	-	25,884.08	VMASC	
500388-010	* SIRIUS-BETA CORPORATION	DIALLO, S.	9010.3	-	-	-	265.07	265.07	145.49	-	410.56	VMASC	
500395-010	* KADSCI	DIALLO, S.	9010.3	25,000.65	-	-	-	25,000.65	16,250.41	-	41,251.06	VMASC	
500400-010	* UNITED NETWORK FOR ORGAN SHARING (UNOS)	DIALLO, S.	9010.3	15,190.38	318.89	-	-	15,509.27	8,530.10	-	24,039.37	VMASC	
300490-010	* OLD DOMINION UNIVERSITY	DIALLO, S.	9010.3	8,741.72	2,036.44	-	-	10,778.16	-	-	10,778.16	VMASC	
500375-001	* CAMBER CORPORATION	DIALLO, S.	9010.3	41,526.24	-	-	-	41,526.24	26,992.05	-	68,518.29	VMASC	
500376-010	* CAMBER CORPORATION	DIALLO, S.	9010.3	-	-	-	53.20	53.20	34.44	-	87.64	VMASC	
500391-010	* CAMBER CORPORATION	DIALLO, S.	9010.3	15,687.32	-	-	-	15,687.32	10,196.76	-	25,884.08	VMASC	
600201-010	* UNIVERSITY OF AGDER	DIALLO, S.	9010.3	8,237.30	4.50	-	-	8,241.80	4,532.99	-	12,774.79	VMASC	
200245-010	* VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	-	-	-	-	-	(0.01)	-	(0.01)	VMASC	
200270-010	* VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	31,442.20	655.50	-	31,217.52	63,315.22	17,653.74	-	80,968.96	VMASC	
200292-010	* VA PORT AUTHORITY	EZELL, B.	9010.3	2,764.49	804.17	-	-	3,568.66	927.85	-	4,496.51	VMASC	
200294-010	* VA PORT AUTHORITY	EZELL, B.	9010.3	7,409.80	1,747.03	-	-	9,156.83	2,380.79	-	11,537.62	VMASC	
200297-010	* VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	14,028.04	1,608.38	-	-	15,636.42	8,600.03	-	24,236.45	VMASC	
400387-010	* FOODBANK OF SOUTHEAST VA AND EASTERN SHORE	EZELL, B.	9010.3	-	1,470.13	-	-	1,470.13	382.23	-	1,852.36	VMASC	
500367-010	* LPR, INC.	EZELL, B.	9010.3	444.39	-	-	-	444.39	115.54	-	559.93	VMASC	
500401-010	* CHESAPEAKE REGIONAL HEALTHCARE	EZELL, B.	9010.3	8,347.75	1,903.62	-	-	10,251.37	2,665.36	-	12,916.73	VMASC	
100800-010	* NAVAL AIR WARFARE CENTER TSD	EZELL, B.	9010.3	149.18	21.50	-	-	170.68	110.94	-	281.62	VMASC	
200294-010	* VA PORT AUTHORITY	EZELL, B.	9010.3	389.99	91.95	-	-	481.94	125.30	-	607.24	VMASC	
500341-003	* APPLIED RESEARCH ASSOCIATES, INC.	EZELL, B.	9010.3	3,409.32	-	-	-	3,409.32	1,875.13	-	5,284.45	VMASC	
500390-010	* ALEX - ALTERNATIVE EXPERTS, LLC	EZELL, B.	9010.3	20,611.58	69.30	-	-	20,680.88	13,442.57	-	34,123.45	VMASC	
500401-010	* CHESAPEAKE REGIONAL HEALTHCARE	EZELL, B.	9010.3	439.36	100.19	-	-	539.55	140.28	-	679.83	VMASC	
300445-010	* OLD DOMINION UNIVERSITY	FRYDENLUND, E.	9010.3	-	(313.98)	-	-	(313.98)	-	-	(313.98)	VMASC	
500391-010	* CAMBER CORPORATION	GAY, B.	9010.3	15,687.32	-	-	-	15,687.32	10,196.76	-	25,884.08	VMASC	
300490-010	* OLD DOMINION UNIVERSITY	GILES, B.	9010.3	12,238.41	2,851.02	-	-	15,089.42	-	-	15,089.42	VMASC	
100790-010	* NAVAL SEA SYSTEMS COMMAND	GORE, R.	9010.3	12,193.97	1,688.97	-	1,020.40	14,903.34	9,023.92	-	23,927.26	VMASC	
300446-010	* OLD DOMINION UNIVERSITY	GORE, R.	9010.3	(422.64)	-	-	-	(422.64)	-	-	(422.64)	VMASC	
500375-001	* CAMBER CORPORATION	GORE, R.	9010.3	41,526.24	-	-	-	41,526.24	26,992.05	-	68,518.29	VMASC	
500376-010	* CAMBER CORPORATION	GORE, R.	9010.3	-	-	-	54.81	54.81	35.48	-	90.29	VMASC	
500391-010	* CAMBER CORPORATION	GORE, R.	9010.3	15,687.32	-	-	-	15,687.32	10,196.76	-	25,884.08	VMASC	
600201-010	* UNIVERSITY OF AGDER	GORE, R.	9010.3	10,983.06	6.00	-	-	10,989.06	6,043.99	-	17,033.05	VMASC	
300490-010	* OLD DOMINION UNIVERSITY	JORDAN, C.	9010.3	10,490.06	2,443.73	-	-	12,933.79	-	-	12,933.79	VMASC	
100790-010	* NAVAL SEA SYSTEMS COMMAND	LYNCH, C.	9010.3	12,193.97	1,688.97	-	1,020.40	14,903.34	9,023.92	-	23,927.26	VMASC	
100800-010	* NAVAL AIR WARFARE CENTER TSD	LYNCH, C.	9010.3	2,610.62	376.27	-	-	2,986.89	1,941.48	-	4,928.37	VMASC	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		DEPT	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST			PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTER-PRISE CODE
						SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
100588-010	* OFFICE OF NAVAL RESEARCH	MICHAELI, J.		9010.3	3,237.03	244.26	-	2,083.20	5,564.49	2,262.84	7,827.32		VMASC
100725-010	OFFICE OF NAVAL RESEARCH	MICHAELI, J.		9010.3	20,999.66	-	-	3,414.00	24,413.66	11,549.82	35,963.48		VMASC
300463-010	OLD DOMINION UNIVERSITY	MICHAELI, J.		9010.3	195,178.76	33,645.00	-	49,208.34	278,032.10	-	278,032.10		VMASC
300328-010	NORFOLK STATE UNIVERSITY	PADILLA, J.		9010.3	47,003.19	887.02	-	-	47,890.21	25,381.82	73,272.03		VMASC
300445-010	* OLD DOMINION UNIVERSITY	PADILLA, J.		9010.3	-	(313.98)	-	-	(313.98)	-	(313.98)		VMASC
100521-010	* AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	PAPELIS, Y.		9010.3	-	(553.80)	-	-	(553.80)	(143.99)	(697.79)		VMASC
300518-010	* OLD DOMINION UNIVERSITY	PAPELIS, Y.		9010.3	10,371.92	-	-	-	10,371.92	414.88	10,786.80		VMASC
500341-001	* APPLIED RESEARCH ASSOCIATES, INC.	PAPELIS, Y.		9010.3	(36.69)	-	-	0.01	(36.68)	(20.18)	(56.86)		VMASC
500342-001	* WR SYSTEMS, LTD.	PAPELIS, Y.		9010.3	-	-	-	5,261.82	5,261.82	3,420.44	8,682.26		VMASC
500350-010	SIMIS, INC.	PAPELIS, Y.		9010.3	-	7,985.11	-	-	7,985.11	-	7,985.11		VMASC
100601-010	* U.S. DEPARTMENT OF EDUCATION	PAPELIS, Y.		9010.3	30,780.08	9,357.53	-	9,583.94	49,721.55	10,435.78	60,157.33		VMASC
300446-010	* OLD DOMINION UNIVERSITY	PARODI, V.		9010.3	(633.97)	-	-	-	(633.97)	-	(633.97)		VMASC
300490-010	* OLD DOMINION UNIVERSITY	PARODI, V.		9010.3	3,496.69	814.58	-	-	4,311.26	-	4,311.26		VMASC
500368-010	PREVAILANCE, INC.	RECHOWICZ, K		9010.3	(831.00)	-	-	-	(831.00)	(540.15)	(1,371.15)		VMASC
500368-020	PREVAILANCE, INC.	RECHOWICZ, K		9010.3	11,591.07	-	-	-	11,591.07	7,534.19	19,125.26		VMASC
300462-010	* OLD DOMINION UNIVERSITY	ROBINSON, R.		9010.3	67,522.22	5,458.19	-	243,231.76	316,212.17	-	316,212.17		VMASC
500391-010	* CAMBER CORPORATION	SHULL, J.		9010.3	15,687.32	-	-	-	15,687.32	10,196.76	25,884.08		VMASC
100629-010	NORFOLK NAVAL SHIPYARD	WEISEL, E.		9010.3	-	11,964.96	-	-	11,964.96	3,828.79	15,793.75		VMASC
100634-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.		9010.3	2,304.13	-	-	345,953.46	348,257.59	829.50	349,087.09		VMASC
100647-010	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, E.		9010.3	2,304.13	32,031.65	-	-	34,335.78	12,360.88	46,696.66		VMASC
400193-000	NON-DISCLOSED SPONSORS	WEISEL, E.		9010.3	-	23,221.15	-	88.82	23,309.97	-	23,309.97		VMASC
500339-010	OCEAN BAY, LLC	WEISEL, E.		9010.3	19,123.44	1,313.38	-	-	20,436.82	11,240.27	31,677.09		VMASC
500379-010	D'ANGELO TECHNOLOGIES LLC	WEISEL, E.		9010.3	21,376.11	-	-	-	21,376.11	13,894.47	35,270.58		VMASC
9010.3 Total					814,653.44	145,954.63	-	693,386.92	1,653,994.99	316,533.36	1,970,528.35	19.14%	
Graduate School													
200281-010	* VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.		9200	12,528.48	6,026.23	-	-	18,554.71	4,824.22	23,378.93		TRAD
200282-010	* VA DEPARTMENT OF MOTOR VEHICLES	PORTER, B.		9200	13,223.24	4,313.91	-	-	17,537.14	4,559.66	22,096.80		TRAD
9200 Total					25,751.72	10,340.13	-	-	36,091.85	9,383.88	45,475.73	26.00%	
Institute for Innovation & Entrepreneurship													
500325-020	PLASSER AMERICAN CORPORATION	EZELL, B.		9520	-	-	-	16,656.24	16,656.24	-	16,656.24		TRAD
500332-010	DAVIS INTERIORS LTD.	EZELL, B.		9520	-	-	-	96.37	96.37	25.52	121.89		TRAD
500356-010	ARDX	EZELL, B.		9520	-	-	-	-	-	(0.53)	(0.53)		TRAD
500363-010	LPR, INC.	EZELL, B.		9520	-	-	-	441.48	441.48	115.27	556.75		TRAD
500364-010	PLASSER AMERICAN CORPORATION	EZELL, B.		9520	-	-	-	1,602.00	1,602.00	417.06	2,019.06		TRAD
500373-010	PLASSER AMERICAN CORPORATION	EZELL, B.		9520	-	-	-	999.25	999.25	259.66	1,258.91		TRAD
500383-010	CHESAPEAKE REGIONAL HEALTHCARE	EZELL, B.		9520	-	-	-	1,639.46	1,639.46	425.73	2,065.19		TRAD
500386-010	LIFENET	EZELL, B.		9520	-	-	-	3,121.52	3,121.52	812.45	3,933.97		TRAD
100694-010	SMALL BUSINESS ADMINISTRATION	FILER, L.		9520	-	-	-	(0.48)	(0.48)	-	(0.48)		TRAD
100694-020	SMALL BUSINESS ADMINISTRATION	FILER, L.		9520	45,067.76	5,454.27	-	-	50,522.03	18,912.01	69,434.04		TRAD
100713-010	* SMALL BUSINESS ADMINISTRATION	FILER, L.		9520	47,140.55	7,797.89	-	-	54,938.44	14,284.00	69,222.43		TRAD
200276-010	CRATER PLANNING DISTRICT COMMISSION	FILER, L.		9520	50,341.84	4,679.35	-	-	55,021.19	14,305.50	69,326.69		TRAD
200276-011	CRATER PLANNING DISTRICT COMMISSION	FILER, L.		9520	9,823.67	1,710.10	-	-	11,533.77	2,998.78	14,532.55		TRAD
200280-010	GOVERNOR'S OFFICE	FILER, L.		9520	55,399.68	6,690.59	-	-	62,090.27	-	62,090.27		TRAD
400409-010	REINVENT HAMPTON ROADS	FILER, L.		9520	17,146.69	-	-	-	17,146.69	-	17,146.69		TRAD
100415-010	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, M.		9520	(8,783.87)	-	-	-	(8,783.87)	(1,756.77)	(10,540.64)		TRAD
200204-020	GOVERNOR'S OFFICE	KASZUBOWSKI, M.		9520	62,553.63	94,124.77	-	-	156,678.40	-	156,678.40		TRAD
300420-030	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	KASZUBOWSKI, M.		9520	-	8,873.36	-	-	8,873.36	2,218.34	11,091.70		TRAD
100713-010	* SMALL BUSINESS ADMINISTRATION	SAGESTER, C.		9520	47,140.55	7,797.89	-	-	54,938.44	14,284.00	69,222.43		TRAD
9520 Total					325,830.50	137,128.21	-	24,555.84	487,514.55	67,301.01	554,815.56	13.80%	
Virginia Tidewater Consortium for Higher Education													
100618-010	U.S. DEPARTMENT OF EDUCATION	DOTOLO, L.		9602	206,923.04	33,823.21	-	-	240,746.25	18,440.25	259,186.50		TRAD
400252-040	OPPORTUNITY, INC.	DOTOLO, L.		9602	39,990.81	150.00	-	18,400.28	58,541.09	4,014.08	62,555.17		TRAD
9602 Total					246,913.85	33,973.21	-	18,400.28	299,287.34	22,454.33	321,741.67	7.50%	

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					SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS			
Virginia Space Grant Consortium												
100607-010	NATIONAL SCIENCE FOUNDATION	CARTER, C.	9701	21,095.61	49,270.15	-	47,868.62	118,234.38	18,295.08	136,529.46	VSGC	
500323-010	MIDLAND GIS SOLUTIONS	CARTER, C.	9701	771.87	-	-	-	771.87	200.69	972.56	VSGC	
100419-010	FEDERAL AVIATION ADMINISTRATION	SANDY, M.	9701	(0.05)	-	-	-	(0.05)	-	(0.05)	VSGC	
100522-010	LANGLEY RESEARCH CENTER	SANDY, M.	9701	8,012.67	29,165.31	-	-	37,177.98	9,666.28	46,844.26	VSGC	
100527-010	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	9701	136,820.56	13,868.92	-	242,717.13	393,406.61	39,179.27	432,585.88	VSGC	
200005-010	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	9701	104,181.85	46,700.34	-	98,525.92	249,408.11	-	249,408.11	VSGC	
200005-011	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	9701	11,962.83	2,871.75	-	45,276.17	60,110.75	-	60,110.75	VSGC	
200009-010	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	9701	-	-	-	165,921.58	165,921.58	-	165,921.58	VSGC	
200009-020	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	9701	2,790.80	6,408.57	-	74,232.04	83,431.41	-	83,431.41	VSGC	
200278-010	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, M.	9701	3,142.98	512.53	-	12,593.31	16,248.82	-	16,248.82	VSGC	
300030-010	UNIVERSITY OF VIRGINIA	SANDY, M.	9701	29,655.64	24,194.98	-	671.53	54,522.15	-	54,522.15	VSGC	
300040-010	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SANDY, M.	9701	118,321.05	12,290.68	-	5,672.20	136,283.93	-	136,283.93	VSGC	
300125-010	OLD DOMINION UNIVERSITY	SANDY, M.	9701	55,290.79	52,991.45	-	42,168.09	150,450.33	-	150,450.33	VSGC	
300342-010	HAMPTON UNIVERSITY	SANDY, M.	9701	13,093.28	16,413.73	-	-	29,507.01	7,671.82	37,178.83	VSGC	
300419-010	VIRGINIA COMMUNITY COLLEGE SYSTEM	SANDY, M.	9701	-	195.54	-	58,500.00	58,695.54	-	58,695.54	VSGC	
300462-011	OLD DOMINION UNIVERSITY	SANDY, M.	9701	5,527.97	-	-	15,150.79	20,678.76	-	20,678.76	VSGC	
300462-021	OLD DOMINION UNIVERSITY	SANDY, M.	9701	-	-	-	2,980.41	2,980.41	-	2,980.41	VSGC	
400204-010	THE NATIONAL ACADEMIES	SANDY, M.	9701	84,036.40	20,888.35	-	74,908.01	179,832.76	27,280.43	207,113.19	VSGC	
100595-010 *	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	9701	-	1,933.36	-	1,578.78	3,512.14	502.67	4,014.82	VSGC	
100595-011 *	NASA GODDARD SPACEFLIGHT CENTER	SANDY, M.	9701	-	372.24	-	372.24	-	-	372.24	VSGC	
9701 Total				594,704.25	278,077.91	-	888,764.58	1,761,546.74	102,796.24	1,864,342.98	5.84%	
Other Miscellaneous Units												
100726-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	BADGER, N.	9910	6,256.09	1,293.81	-	-	7,549.90	2,415.97	9,965.87	TRAD	
500390-010 *	ALEX - ALTERNATIVE EXPERTS, LLC	DRAPER, D.	9910	30,917.36	103.95	-	-	31,021.31	20,163.86	51,185.17	TRAD	
100713-020	SMALL BUSINESS ADMINISTRATION	FILER, L.	9910	25,156.54	1,890.39	-	-	27,046.93	-	27,046.93	TRAD	
400370-010 *	ARTS MIDWEST	FOWLER, G.	9910	436.34	193.79	-	-	630.13	163.83	793.96	TRAD	
100726-010 *	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOLLEY, A.	9910	3,128.04	646.91	-	-	3,774.95	1,207.98	4,982.93	TRAD	
300350-030	OLD DOMINION UNIVERSITY	HUCKLESS, M.	9910	1,505.00	-	-	-	1,505.00	-	1,505.00	TRAD	
300459-010	OLD DOMINION UNIVERSITY	HUCKLESS, M.	9910	1,575.00	-	-	-	1,575.00	-	1,575.00	TRAD	
300434-010	OLD DOMINION UNIVERSITY	LOVE, L.	9910	122,665.75	6,279.91	-	7,666.93	136,612.59	10,315.66	146,928.25	TRAD	
100682-010 *	U.S. FISH AND WILDLIFE SERVICES	MCLEOD, G.	9910	-	365.62	-	-	365.62	95.03	460.65	TRAD	
300030-014 *	UNIVERSITY OF VIRGINIA	MCLEOD, G.	9910	701.10	489.85	-	60.00	1,250.95	-	1,250.95	TRAD	
400276-010 *	BLUE MOON FUND	STEINHILBER, E.	9910	-	2,858.75	-	-	2,858.75	428.81	3,287.56	TRAD	
300051-080	OLD DOMINION UNIVERSITY	STUDIIVANT, P.	9910	134,901.51	8,295.80	-	23,622.58	166,819.89	11,455.78	178,275.67	TRAD	
9910 Total				327,242.73	22,418.67	-	31,349.51	381,010.91	46,246.93	427,257.84	12.14%	
Other Miscellaneous Units - CYBER - Center for Cybersecurity												
100706-010 *	NATIONAL SECURITY AGENCY	DRAPER, D.	9910.9	-	111.68	-	-	111.68	61.41	173.09	CYBER	
100675-010	NATIONAL SCIENCE FOUNDATION	PAYNE, B.	9910.9	17,728.69	2,919.66	-	26,857.13	47,505.48	11,356.61	58,862.09	CYBER	
100709-010 *	NATIONAL SCIENCE FOUNDATION	PAYNE, B.	9910.9	3,751.02	1,875.87	-	7,945.20	13,572.09	3,094.79	16,666.88	CYBER	
100745-010 *	NATIONAL SCIENCE FOUNDATION	PAYNE, B.	9910.9	3,788.84	-	-	2,236.24	6,025.08	2,083.86	8,108.94	CYBER	
100723-010 *	NATIONAL SCIENCE FOUNDATION	PURWANTO, W.	9910.9	11,730.10	-	-	1,200.90	12,931.00	6,451.56	19,382.56	CYBER	
9910 Total				36,998.65	4,907.21	-	38,239.47	80,145.33	23,048.23	103,193.56	28.76%	
TOTAL OFFICE OF RESEARCH AND OTHER UNITS				\$ 2,565,672.40	\$ 706,445.47	\$ -	\$ 1,704,696.60	\$ 4,976,814.46	\$ 724,347.07	\$ -	\$ 5,701,161.54	14.55%
GRAND TOTAL				\$ 11,379,606.42	\$ 3,219,893.81	\$ 1,685,436.80	\$ 4,286,062.41	\$ 20,570,999.44	\$ 4,453,946.03	\$ -	\$ 25,024,945.47	