



## Old Dominion University Research Foundation

To: Distribution  
From: Julian F. Facenda *Julian*  
Executive Director  
Date: November 18, 2013  
Subject: Annual Report of Sponsored Program Activity - June 30, 2013

Attached please find the Annual Report of Sponsored Program Activity for the fiscal year ended June 30, 2013. This report measures sponsored program activity administered through Old Dominion University Research Foundation by the amount of actual expenditures (direct costs and indirect cost recoveries) incurred during the fiscal year. Unrecovered indirect cost is not included in this report. This report includes sponsored program activity administered by the Research Foundation for Old Dominion University and for certain independent entities affiliated with the University. Included in the report is a schedule of proposals submitted and awards funded for the fiscal year ended June 30, 2013 and the four previous fiscal years. Proposal activity is based upon the total dollar amount requested from sponsoring agencies exclusive of institutional or third party cost share amounts. Award activity reflects the dollar amount of actual funding committed during the reporting period.

The activity of the Virginia Commercial Space Flight Authority that is included in this report accounts for the significant decrease in expenditures for fiscal year 2013. During the previous three fiscal years the Authority has been developing space launch capabilities in connection with NASA at Wallops Island, Virginia. This activity was substantially completed in fiscal year 2013 resulting in a decrease of \$19.8 million in expenditures reported. In addition, \$7.3 million in launch operations expenditures processed by the Research Foundation on behalf of the Authority are excluded from the sponsored program activity in this report.

Some key points to note are as follows:

- The average yearly increase for the past five fiscal periods is 15.54%.
- Sponsored program activity of \$74.0 million is a 19.56% decrease from fiscal year 2012.
- Research expenditures excluding the activity of the Virginia Commercial Space Flight Authority referred to above increased \$1.8 million representing a 3.9% increase.
- The top five funding sources for the fiscal year were:

Virginia Department of Transportation	\$ 18.0 million
Orbital Sciences Corporation	\$ 8.9 million
National Science Foundation	\$ 5.6 million
U.S. Department of Education	\$ 4.3 million
U.S. Department of Health & Human Services	\$ 3.7 million

- Activity of individual faculty conducting research through University-wide enterprise centers is reflected under the faculty member's home department. The research activity of core staff assigned to an enterprise center is reflected in the center's activity. The Virginia Modeling, Analysis and Simulation Center (VMASC) and Frank Reidy Research Center for Bioelectrics core staff activities are reported under the Office of Research and Other Units.
- University departments (including SSRP's and center activity) and affiliated activity exceeding \$1 million for the fiscal year were:

Virginia Commercial Space Flight Authority	\$ 27.9 million
Virginia Space Grant Consortium	\$ 3.9 million
Physics	\$ 3.8 million
Virginia Modeling, Analysis and Simulation Center - core only	\$ 3.6 million
Ocean, Earth and Atmospheric Sciences	\$ 3.3 million
Communication Disorders and Special Education	\$ 3.1 million
Modeling, Simulation and Visualization	\$ 2.9 million
Biological Sciences	\$ 2.6 million
Electrical and Computer Engineering	\$ 2.6 million
College of Education – Dean's Office	\$ 2.3 million
Computer Science	\$ 1.3 million
Psychology	\$ 1.3 million
Engineering Management	\$ 1.3 million
STEM Education and Professional Studies	\$ 1.2 million
Center for Coastal Physical Oceanography	\$ 1.1 million
Medical Laboratory and Radiation Sciences	\$ 1.0 million

- Proposal submissions during fiscal year 2013 decreased 32.55% over fiscal year 2012 to \$210.1 million dollars. Awards funded during fiscal year 2013 increased 44.05% from fiscal year 2012 levels. Awards funded have experienced an average yearly increase of 34.09% for the five year period since fiscal year 2008.

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

#### **Chart A – Research Expenditures for University and Non-University Units**

This chart indicates percentage of total research expenditures for fiscal year 2013 for each college and reporting unit.

#### **Chart B – Proposals Submitted and Awards Funded**

This chart indicates the change in proposal submissions from \$310.4 million during fiscal year 2009 to \$210.1 million dollars during fiscal year 2013. Awards funded during this same period grew from \$50.0 million to \$116.4 million.

Should you have any questions concerning the enclosed report please do not hesitate to contact me at 683-4293 ext. 602.

Chart A – Research Expenditures for University and Non University Units

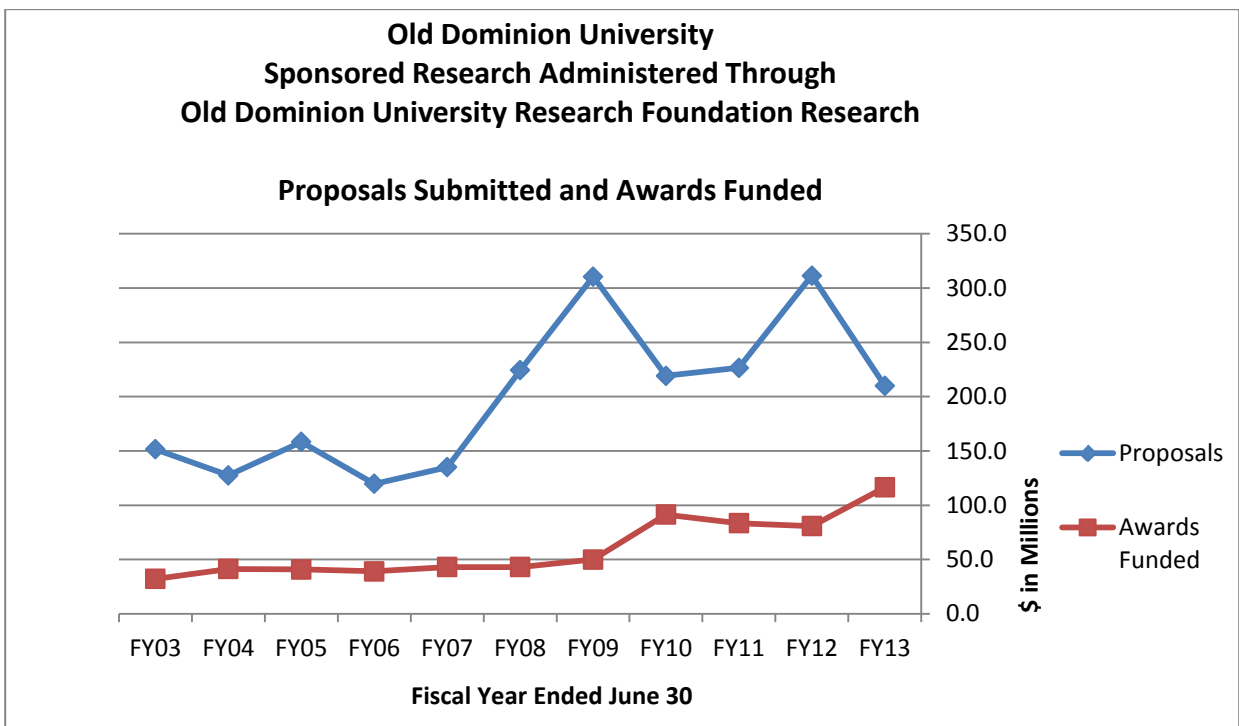
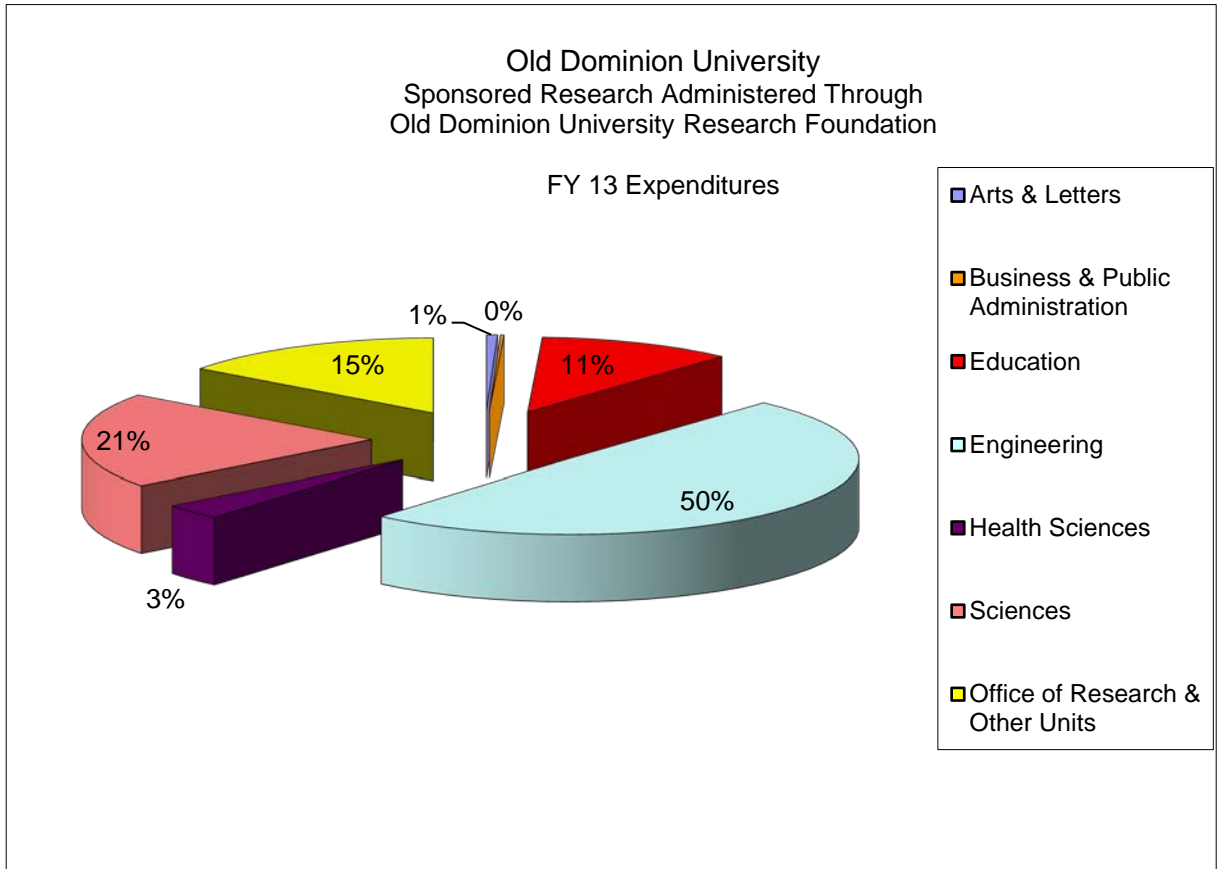


Chart B – Proposals Submitted and Awards Funded

**DISTRIBUTION**

Research Foundation Board of Trustees  
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**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY**

**FISCAL YEAR ENDED JUNE 30, 2013**

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**SCHEDULE 1**

**Summary of Sponsored Program Activity**

**Fiscal Year 2013 through Fiscal Year 2008**

**SCHEDULE 1**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2008**

	FY 13	FY 12	FY 11	FY10	FY 09	FY 08
<b>COLLEGE OF ARTS &amp; LETTERS</b>						
Art	\$ -	\$ -	\$ -	\$ 2,125	\$ -	\$ -
Communication & Theatre Arts	5,366	48,536	-	-	4,000	-
English	68,275	65,224	71,219	4,103	5,774	6,000
Foreign Languages/Literatures	-	-	-	-	2,775	16,685
History	88,485	91,433	65,469	82,079	15,177	18,158
International Studies	-	46,027	4,642	-	-	-
Music	-	-	-	-	2,150	2,500
Political Science & Geography	20,341	23,290	70,744	28,113	21,464	138,862
Political Science & Geography - VMASC	5,280	18,433	4,648	-	-	-
Philosophy & Religious Studies	6,000	-	-	-	-	-
Social Science Research Center	206,241	243,088	233,307	154,975	225,158	200,344
Sociology & Criminal Justice	25,978	239,320	257,408	359,629	313,245	279,840
Sociology & Criminal Justice - SSRC	-	-	-	-	-	-
Dean's Office	26,210	23,384	22,745	4,582	-	-
College Total	\$ 452,176	\$ 798,735	\$ 730,182	\$ 635,606	\$ 589,743	\$ 662,389
% Change from prior year	-43.39%	9.39%	14.88%	7.78%	-10.97%	-3.53%
Average yearly increase ( decrease)	-6.35%	3.27%				
<b>COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION</b>						
Business Administration	\$ 9,563	\$ 52,626	\$ 17,015	\$ 10,489	\$ 4,878	\$ 370
Economics	59,357	21,757	90,745	105,526	59,013	87,268
Finance	-	14,559	-	-	-	-
Information Systems & Decision Sciences	10,669	78,903	167,758	173,490	73,872	62,028
Marketing	-	9,365	-	-	-	-
Urban Studies/Public Administration	71,133	6,286	-	-	-	-
College Total	\$ 150,722	\$ 183,496	\$ 275,518	\$ 289,505	\$ 137,763	\$ 149,666
% Change from prior year	-17.86%	-33.40%	-4.83%	110.15%	-7.95%	254.56%
Average yearly increase ( decrease)	0.14%	66.94%				



**SCHEDULE 1**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2008**

	FY 13	FY 12	FY 11	FY10	FY 09	FY 08
<b>COLLEGE OF EDUCATION</b>						
Communication Disorders and Special Education	\$ 3,076,659	\$ 3,194,382	\$ 3,248,813	\$ 3,275,062	\$ 3,073,083	\$ 3,574,986
Counseling and Human Services	141,942	215,922	110,907	87,505	-	-
Educational Foundations and Leadership	778,034	580,643	401,698	484,770	216,866	218,669
Human Movement Sciences	122,146	97,348	185,799	327,419	317,386	225,484
STEM Education and Professional Studies	1,213,575	590,967	321,972	303,415	128,662	93,280
STEM Education and Professional Studies - VMASC	6,325	14,641	30,884	11,991	5,250	
Teaching and Learning	409,397	559,851	604,761	670,977	655,457	581,855
Dean's Office	2,317,690	960,009	449,301	400,783	531,947	550,173
College Total	\$ 8,065,768	\$ 6,213,763	\$ 5,354,135	\$ 5,561,922	\$ 4,928,651	\$ 5,244,447
% Change from prior year	29.80%	16.06%	-3.74%	12.85%	-6.02%	0.22%
Average yearly increase ( decrease)	10.76%	3.75%				
 <b>COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b>						
Center for Advanced Engineering Environments	-	-	-	-	224	94,764
Civil & Environmental Engineering	319,429	485,587	389,651	364,783	412,546	389,098
Civil & Environmental Engineering - VMASC	179,147	43,301	41,764	6,566	-	-
Civil & Environmental Engineering - VCERC	(361)	4,300	12,662	7,192	-	-
Electrical & Computer Engineering	1,162,556	816,527	644,279	1,050,755	1,317,005	1,610,851
Electrical & Computer Engineering - ARC	1,135,276	1,157,799	611,638	480,703	595,540	495,046
Electrical & Computer Engineering - Bioelectronics	335,663	317,659	400,282	161,570	263,461	917,867
Electrical & Computer Engineering - VMASC	-	-	-	57,056	100,976	252,106
Engineering Career Management Center	8,650	-	-	-	-	-
Engineering Management	301,453	688,481	957,042	1,562,507	1,218,850	761,417
Engineering Management - VMASC	14,298	142,118	146,282	169,574	1,384,087	2,828,411
Engineering Management - NCSOSE	939,755	717,507	730,794	-	-	-
Modeling, Simulation & Visualization	226,984	96,850	51,558	-	-	-
Modeling, Simulation & Visualization - VMASC	2,675,870	3,512,089	5,342,248	6,458,213	5,606,630	5,299,806
Engineering Technology	453,958	614,291	776,324	536,432	389,161	395,462
Engineering Technology - ARC	73,773	88,882	30,492	64,999	86,248	88,782
Mechanical & Aerospace Engineering	789,354	1,242,792	1,293,941	2,354,101	1,758,908	1,428,893
Mechanical & Aerospace Engineering - ARC	48,271	55,977	117,938	47,503	168,863	167,260
Mechanical & Aerospace Engineering - VMASC	9,179	16,493	166,435	60,740	176,139	-
Virginia Commercial Space Flight Authority	27,850,335	47,604,863	49,382,878	24,517,685	6,762,552	1,109,704
Virginia Space Flight Academy	56,576	82,658	56,354	96,219	121,471	110,356
Mid-Atlantic Institute for Space & Technology	2,974	190,374	256,734	203,015	797,849	1,354,151
Dean's Office	57,060	137,429	398,815	433,946	207,210	270,261
Dean's Office - ARC	-	-	-	20,754	39,608	38,347
College Total	\$ 36,640,200	\$ 58,015,977	\$ 61,808,111	\$ 38,654,313	\$ 21,407,328	\$ 17,612,582
% Change from prior year	-36.84%	-6.14%	59.90%	80.57%	21.55%	15.18%
Average yearly increase ( decrease)	21.61%	55.88%				

**SCHEDULE 1**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2008**

	FY 13	FY 12	FY 11	FY10	FY 09	FY 08
<b>COLLEGE OF HEALTH SCIENCES</b>						
Community & Environmental Health	\$ 452,579	\$ 319,145	\$ 297,653	\$ 249,497	\$ 220,894	\$ 96,314
Community & Environmental Health - VMASC	-	-	-	77,583	63,266	41,575
Dental Hygiene	87,399	69,632	83,879	125,411	91,004	51,665
Medical Laboratory & Radiation Sciences	-	-	8,497	15,726	19,468	70,376
Medical Laboratory & Radiation Sciences - Bioelectrics	1,039,078	1,180,562	1,515,678	1,032,746	472,285	-
Medical Laboratory & Radiation Sciences - VMASC	-	-	-	11,342	40,325	8,003
Nursing	746,212	523,484	701,203	533,702	539,373	362,137
Physical Therapy	155,802	113,829	69,079	60,986	103,022	60,825
Dean's Office	-	-	1,182	1,118	60,138	121,411
College Total	\$ 2,481,070	\$ 2,206,652	\$ 2,677,171	\$ 2,108,111	\$ 1,609,775	\$ 812,306
% Change from prior year	12.44%	-17.58%	26.99%	30.96%	98.17%	8.32%
Average yearly increase ( decrease)	41.09%	38.85%				
<b>COLLEGE OF SCIENCES</b>						
Biological Sciences	\$ 2,566,263	\$ 2,445,856	\$ 2,214,734	\$ 2,276,708	\$ 2,083,372	\$ 2,193,431
Biological Sciences - Bioelectrics	81,084	134,103	135,409	-	4,748	-
Biological Sciences - VMASC	-	9,575	86,042	-	-	-
Biological Sciences - VCERC	(723)	8,606	25,324	14,384	-	-
Center for Coastal Physical Oceanography	1,046,395	1,347,043	1,277,236	1,060,131	868,182	922,097
Center for Coastal Physical Oceanography - SSRP	23,417	72,204	117,335	-	45,794	112,941
Center for Computational Science	-	-	-	-	108,684	222,807
Chemistry and Biochemistry	762,725	1,544,599	1,891,124	1,486,940	1,499,396	1,742,679
Chemistry and Biochemistry - VCERC	226,784	154,597	598,453	980,231	1,259,570	855,308
Computer Science	1,335,587	1,452,774	1,242,474	1,078,741	1,063,960	1,205,207
Mathematics and Statistics	707,245	681,077	539,225	802,198	632,000	551,191
Ocean, Earth & Atmospheric Sciences	3,007,643	3,413,924	2,706,297	2,336,580	2,702,650	2,804,667
Ocean, Earth & Atmospheric Sciences - SSRP	269,375	430,276	304,710	200,660	162,633	158,457
Ocean, Earth & Atmospheric Sciences - Bioelectrics	-	-	-	-	14,067	6,539
Physics	3,828,554	3,385,594	2,660,860	2,121,443	1,919,102	1,727,286
Physics - ARC	-	-	1,390	5,807	19,240	-
Psychology	1,301,244	1,265,317	1,133,080	676,795	622,539	685,130
Psychology - Bioelectrics	4,670	25,832	63,191	-	-	-
Psychology - VMASC	-	3,912	7,260	31,170	9,074	15,176
Dean's Office	12,688	11,769	4,563	6,215	14,609	-
College Total	\$ 15,172,951	\$ 16,387,058	\$ 15,008,707	\$ 13,078,003	\$ 13,029,620	\$ 13,202,916
% Change from prior year	-7.41%	9.18%	14.76%	0.37%	-1.31%	19.23%
Average yearly increase ( decrease)	2.98%	9.60%				

**SCHEDULE 1**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY**  
 (MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2008**

	FY 13	FY 12	FY 11	FY10	FY 09	FY 08
<b>OFFICE OF RESEARCH AND OTHER UNITS</b>						
Office of Research	\$ -	\$ -	\$ 1,000	\$ 27,924	\$ -	\$ 15,332
VMASC: Virginia Modeling, Analysis & Simulation Center	3,639,735	1,511,237	2,387,933	794,505	666,924	297,708
Frank Reidy Research Center for Bioelectrics	894,851	1,085,548	976,348	1,093,686	1,316,054	311,949
Office of Distance Learning	-	-	411,788	306,911	229,333	752,312
ODU Business Gateway	941,862	338,640	255,148	240,260	412,080	403,912
Association for Consortium Leadership	42,193	39,881	78,187	56,286	42,982	45,600
National University Teleconference Network	-	-	-	-	39	11,113
Virginia Tidewater Consortium for Higher Education	878,921	695,035	759,734	519,232	497,102	478,798
Virginia Space Grant Consortium	3,952,207	3,884,710	4,327,100	3,285,165	3,014,328	3,061,674
Miscellaneous ODU Units	665,073	604,562	677,383	638,197	452,825	(1,769)
<b>Total Other Units</b>	<b>\$ 11,014,842</b>	<b>\$ 8,159,613</b>	<b>\$ 9,874,621</b>	<b>\$ 6,962,166</b>	<b>\$ 6,631,667</b>	<b>\$ 5,376,629</b>
% Change from prior year	34.99%	-17.37%	41.83%	4.98%	23.34%	-19.50%
Average yearly increase ( decrease)	20.97%	4.43%				
<b>GRAND TOTAL</b>	<b>\$ 73,977,729</b>	<b>\$ 91,965,294</b>	<b>\$ 95,728,445</b>	<b>\$ 67,289,626</b>	<b>\$ 48,334,547</b>	<b>\$ 43,060,935</b>
<b>% CHANGE FROM PRIOR YEAR</b>	<b>-19.56%</b>	<b>-3.93%</b>	<b>42.26%</b>	<b>39.22%</b>	<b>12.25%</b>	<b>8.31%</b>
Average yearly increase ( decrease)	15.55%					

**SCHEDULE 2**

**Summary of Sponsored Program Activity**

**Major Funding Source**

**Fiscal Year 2013 through Fiscal Year 2009**

**SCHEDULE 2**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY BY MAJOR FUNDING SOURCE**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

FUNDING SOURCE / AGENCY	FY13		FY12		FY11		FY10		FY09	
	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total
<b>FEDERAL</b>										
National Science Foundation	\$ 5,606,240	7.6%	\$ 7,302,331	7.9%	\$ 7,276,280	7.6%	\$ 5,963,890	8.9%	\$ 5,270,765	10.9%
U.S. Department of Education	4,252,336	5.7%	2,135,707	2.3%	1,394,209	1.5%	818,337	1.2%	637,619	1.3%
U.S. Department of Health & Human Services	3,660,227	4.9%	3,229,603	3.5%	3,722,176	3.9%	2,784,319	4.1%	1,620,916	3.4%
National Aeronautics & Space Administration	2,940,198	4.0%	4,939,958	5.4%	27,558,102	28.8%	8,431,234	12.5%	3,828,848	7.9%
U.S. Department of The Navy	2,794,394	3.8%	3,463,287	3.8%	5,342,632	5.6%	5,928,338	8.8%	5,974,913	12.4%
U.S. Department of Energy	1,924,766	2.6%	1,565,418	1.7%	1,561,562	1.6%	1,228,359	1.8%	916,187	1.9%
U.S. Department of The Army	1,529,779	2.1%	1,012,559	1.1%	1,137,002	1.2%	323,851	0.5%	257,768	0.5%
U.S. Department of Defense - Other	1,128,709	1.5%	1,456,419	1.6%	1,541,382	1.6%	1,358,704	2.0%	828,016	1.7%
U.S. Department of Homeland Security	730,580	1.0%	989,436	1.1%	1,027,702	1.1%	841,071	1.2%	674,691	1.4%
Library of Congress	273,265	0.4%	375,009	0.4%	281,385	0.3%	-	0.0%	-	0.0%
Federal Aviation Administration	262,574	0.4%	346,490	0.4%	188,688	0.2%	226,920	0.3%	146,151	0.3%
Small Business Administration	228,536	0.3%	168,524	0.2%	115,258	0.1%	5,223	0.0%	-	0.0%
Institute of Museum and Library Services	130,013	0.2%	212,573	0.2%	148,748	0.2%	194,039	0.3%	220,298	0.5%
National Oceanic & Atmospheric Administration	129,298	0.2%	190,789	0.2%	226,049	0.2%	188,541	0.3%	83,519	0.2%
U.S. Department of Transportation	24,978	0.0%	105,693	0.1%	137,806	0.1%	-	0.0%	-	0.0%
U.S. Department of The Air Force	-	0.0%	100,405	0.1%	290,640	0.3%	260,313	0.4%	238,778	0.5%
U.S. Marine Corp	-	0.0%	-	0.0%	-	0.0%	549,168	0.8%	759,002	1.6%
Other Federal	379,999	0.5%	429,426	0.5%	148,806	0.2%	131,769	0.2%	250,901	0.5%
<b>SUBTOTAL FEDERAL</b>	<b>\$ 25,995,892</b>	<b>35.1%</b>	<b>\$ 28,023,627</b>	<b>30.5%</b>	<b>\$ 52,098,427</b>	<b>54.4%</b>	<b>\$ 29,234,076</b>	<b>43.4%</b>	<b>\$ 21,708,372</b>	<b>44.9%</b>
<b>STATE &amp; LOCAL GOVERNMENT AND AGREEMENTS WITH OTHER UNIVERSITIES</b>										
Virginia Department of Transportation	\$ 18,002,086	24.3%	\$ 11,335,591	12.3%	\$ 156,677	0.2%	\$ 132,945	0.2%	\$ 24,926	0.1%
Old Dominion University - See Note	5,082,465	6.9%	5,475,936	6.0%	4,842,012	5.1%	5,572,124	8.3%	6,216,801	12.9%
Virginia Department of Emergency Management	1,845,050	2.5%	333,192	0.4%	595,526	0.6%	-	0.0%	4,955	0.0%
Virginia Department of Environmental Quality	1,139,467	1.5%	1,054,885	1.1%	1,243,321	1.3%	997,988	1.5%	1,111,449	2.3%
State Council of Higher Education for Virginia	668,053	0.9%	390,783	0.4%	419,977	0.4%	45,900	0.1%	174,462	0.4%
Virginia Marine Resources Commission	316,489	0.4%	392,947	0.4%	368,298	0.4%	293,042	0.4%	324,185	0.7%
Virginia Tech	316,329	0.4%	97,520	0.1%	99,963	0.1%	-	0.0%	49,222	0.1%
University of Idaho	302,552	0.4%	56,032	0.1%	-	0.0%	-	0.0%	-	0.0%
Virginia Department of Motor Vehicles	267,804	0.4%	216,711	0.2%	210,070	0.2%	155,253	0.2%	144,147	0.3%
Center of Innovative Technology	248,692	0.3%	119,298	0.1%	55,569	0.1%	-	0.0%	22,743	0.0%
State University of New Jersey	214,648	0.3%	110,690	0.1%	89,376	0.1%	125,029	0.2%	156,103	0.3%
Crater Planning District Community	184,385	0.2%	21,841	0.0%	-	0.0%	-	0.0%	43,518	0.1%
Hampton Public Schools	181,982	0.2%	187,163	0.2%	161,706	0.2%	118,523	0.2%	39,383	0.1%
Eastern Virginia Medical School	153,664	0.2%	197,914	0.2%	160,853	0.2%	317,591	0.5%	394,078	0.8%
Virginia Institute of Marine Sciences	144,193	0.2%	189,869	0.2%	161,333	0.2%	314,388	0.5%	148,315	0.3%
University of Texas	127,357	0.2%	7,712	0.0%	-	0.0%	-	0.0%	-	0.0%
University of Illinois	127,184	0.2%	13,730	0.0%	-	0.0%	-	0.0%	-	0.0%
Wadsworth Center	119,514	0.2%	102,732	0.1%	10,412	0.0%	-	0.0%	-	0.0%
North Carolina State	119,171	0.2%	92,053	0.1%	93,294	0.1%	78,534	0.1%	59,297	0.1%
Virginia General Assembly	78,038	0.1%	893,677	1.0%	9,210,900	9.6%	11,869,430	17.6%	5,731,289	11.9%
University of Toledo	-	0.0%	546,788	0.6%	138,199	0.1%	-	0.0%	-	0.0%
Other State & Local	1,467,278	2.0%	1,790,720	1.9%	1,418,096	1.5%	2,830,163	4.2%	2,599,079	5.4%
<b>SUBTOTAL STATE &amp; LOCAL</b>	<b>\$ 31,106,401</b>	<b>42.0%</b>	<b>\$ 23,627,784</b>	<b>25.7%</b>	<b>\$ 19,435,582</b>	<b>20.3%</b>	<b>\$ 22,850,910</b>	<b>34.0%</b>	<b>\$ 17,243,952</b>	<b>35.7%</b>

**SCHEDULE 2**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY BY MAJOR FUNDING SOURCE**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

FUNDING SOURCE / AGENCY	FY13		FY12		FY11		FY10		FY09	
	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total
<b>PRIVATE AND OTHER SPONSORS</b>										
Orbital Sciences Corporation	\$ 8,948,526	12.1%	\$ 32,965,214	35.8%	\$ 15,842,961	16.5%	\$ 7,187,177	10.7%	\$ 180,000	0.4%
National Institute of Aerospace	1,708,103	2.3%	1,607,636	1.7%	1,458,507	1.5%	1,316,699	2.0%	1,805,084	3.7%
Jefferson Science Associates	1,185,308	1.6%	1,245,453	1.4%	1,140,203	1.2%	809,071	1.2%	673,407	1.4%
Trabant Solar	420,000	0.6%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Business Gateway	300,171	0.4%	9,270	0.0%	-	0.0%	-	0.0%	-	0.0%
General Dynamics	355,207	0.5%	93,870	0.1%	60,483	0.1%	332,548	0.5%	345,089	0.7%
Niowave, Inc.	352,319	0.5%	234,555	0.3%	113,670	0.1%	-	0.0%	-	0.0%
Cazador LLC	162,553	0.2%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Children Surgical	149,609	0.2%	37,925	0.0%	24,160	0.0%	-	0.0%	-	0.0%
URS Consultants	249,376	0.3%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
WR Systems LTD	199,204	0.3%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Genedex Alliance (formerly Philpott Manufacturing)	134,799	0.2%	139,005	0.2%	139,890	0.1%	158,207	0.2%	133,838	0.3%
Oak Ridge Associated Universities	121,418	0.2%	181,263	0.2%	174,232	0.2%	-	0.0%	-	0.0%
Advanced Anti-Terror Technologies, Inc.	115,964	0.2%	209,214	0.2%	246,212	0.3%	237,485	0.4%	92,495	0.2%
Chilean Fishing Development	109,363	0.1%	77,415	0.1%	-	0.0%	10,779	0.0%	-	0.0%
Vandalia Research, Inc.	81,876	0.1%	130,789	0.1%	-	0.0%	-	0.0%	-	0.0%
World Conservation Union	80,752	0.1%	180,968	0.2%	214,062	0.2%	177,419	0.3%	231,092	0.5%
American Diabetes Association	71,151	0.1%	24,951	0.0%	177,483	0.2%	186,856	0.3%	154,406	0.3%
Magne Motion, Incorporated	46,568	0.1%	200,456	0.2%	57,428	0.1%	124,579	0.2%	243,847	0.5%
Alion Science and Technology Corporation	46,123	0.1%	272,425	0.3%	9,621	0.0%	17,636	0.0%	246,393	0.5%
Tetra Tech, Inc	45,207	0.1%	103,847	0.1%	111,221	0.1%	-	0.0%	-	0.0%
National Space Grant Consortium	40,600	0.1%	91,738	0.1%	85,038	0.1%	20,000	0.0%	110,250	0.2%
VMASC Memberships	37,945	0.1%	150,347	0.2%	253,971	0.3%	209,376	0.3%	134,084	0.3%
DDL Omni Engineering	37,727	0.1%	101,194	0.1%	-	0.0%	-	0.0%	-	0.0%
Raytheon Company	17,068	0.0%	99,334	0.1%	113,281	0.1%	-	0.0%	-	0.0%
European Commission	16,378	0.0%	92,055	0.1%	9,283	0.0%	-	0.0%	-	0.0%
General Command of Gandarme	7,931	0.0%	45,178	0.0%	262,404	0.3%	273,213	0.4%	109,104	0.2%
Other Private Sponsors	1,834,190	2.5%	2,019,781	2.2%	3,700,326	3.9%	4,143,595	6.2%	4,923,134	10.2%
SUBTOTAL PRIVATE	\$ 16,875,436	22.8%	\$ 40,313,883	43.8%	\$ 24,194,436	25.3%	\$ 15,204,640	22.6%	\$ 9,382,223	19.4%
TOTAL	\$ 73,977,729	100.0%	\$ 91,965,294	100.0%	\$ 95,728,445	100.0%	\$ 67,289,626	100.0%	\$ 48,334,547	100.0%

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

Old Dominion University pass through from:										
Virginia Department Of Education	\$ 3,442,767	4.7%	\$ 3,867,461	4.3%	\$ 3,516,430	3.8%	\$ 3,865,186	4.0%	\$ 3,685,220	5.5%
Virginia General Assembly	1,586,305	2.1%	1,347,478	1.5%	1,039,823	1.1%	1,276,459	1.3%	2,261,112	3.4%
Virginia Department Of Mental Health & Retardation	4,149	0.0%	34,656	0.0%	53,387	0.1%	56,369	0.1%	68,088	0.1%
State Council of Higher Education for Virginia	-	0.0%	30,570	0.0%	55,308	0.1%	170,526	0.2%	101,948	0.2%
Virginia Department Of Health	34,359	0.0%	26,252	0.0%	39,966	0.0%	17,663	0.0%	38,709	0.1%
Virginia Department of Motor Vehicles	-	0.0%	-	0.0%	29,446	0.0%	63,734	0.1%	15,666	0.0%
Other ODU	14,885	0.0%	169,519	0.2%	107,652	0.1%	122,187	0.1%	46,058	0.1%
Old Dominion University Total	\$ 5,082,465	6.9%	\$ 5,475,936	6.1%	\$ 4,842,012	5.3%	\$ 5,572,124	5.8%	\$ 6,216,801	9.2%

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

**SCHEDULE 3**

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

**Fiscal Year 2013 through Fiscal Year 2011**

SCHEDULE 3  
 OLD DOMINION UNIVERSITY RESEARCH FOUNDATION  
 REPORT OF SPONSORED PROGRAM ACTIVITY  
 DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE  
 (MEASURED BY EXPENDITURES INCURRED)  
 FISCAL YEAR 2013 THROUGH FISCAL YEAR 2011

	Fiscal Year 2013				Fiscal Year 2012				Fiscal Year 2011			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
<b>COLLEGE OF ARTS AND LETTERS</b>												
Dean's Office	\$ 25,376	\$ 834	\$ 26,210	3.3%	\$ 22,717	\$ 667	\$ 23,384	2.9%	\$ 22,100	\$ 645	\$ 22,745	2.9%
Communication and Theatre Arts	5,366	-	5,366	0.0%	42,590	5,946	48,536	14.0%	-	-	-	0.0%
English	66,001	2,274	68,275	3.4%	63,444	1,780	65,224	2.8%	69,927	1,292	71,219	1.8%
History	85,559	2,926	88,485	3.4%	89,098	2,335	91,433	2.6%	63,748	1,721	65,469	2.7%
International Studies	-	-	-	0.0%	43,016	3,011	46,027	7.0%	4,338	304	4,642	7.0%
Philosophy & Religious Studies	6,000	-	6,000	0.0%	-	-	-	0.0%	-	-	-	0.0%
Political Science & Geography	19,018	1,323	20,341	7.0%	19,669	3,621	23,290	18.4%	62,512	8,232	70,744	13.2%
Political Science & Geography - VMASC	5,280	-	5,280	0.0%	18,433	-	18,433	0.0%	4,648	-	4,648	0.0%
Sociology & Criminal Justice	17,624	8,354	25,978	47.4%	177,064	62,256	239,320	35.2%	214,881	42,527	257,408	19.8%
Social Science Research Center	177,931	28,310	206,241	15.9%	204,131	38,957	243,088	19.1%	190,988	42,319	233,307	22.2%
College Total	\$ 408,155	\$ 44,021	\$ 452,176	10.8%	\$ 680,162	\$ 118,573	\$ 798,735	17.4%	\$ 633,142	\$ 97,040	\$ 730,182	15.3%
<b>COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION</b>												
Business Administration	\$ 8,773	\$ 790	\$ 9,563	9.0%	\$ 48,448	\$ 4,178	\$ 52,626	8.6%	\$ 16,712	\$ 303	\$ 17,015	1.8%
Economics	38,827	20,530	59,357	52.9%	14,506	7,251	21,757	50.0%	60,617	30,128	90,745	49.7%
Finance	-	-	-	0.0%	14,559	-	14,559	0.0%	-	-	-	0.0%
Information Systems / Decision Sciences	7,112	3,557	10,669	50.0%	53,288	25,615	78,903	48.1%	122,244	45,514	167,758	37.2%
Marketing	-	-	-	0.0%	9,365	-	9,365	0.0%	-	-	-	0.0%
Urban Studies	48,925	22,208	71,133	45.4%	6,286	-	6,286	0.0%	-	-	-	0.0%
College Total	\$ 103,637	\$ 47,085	\$ 150,722	45.4%	\$ 146,452	\$ 37,044	\$ 183,496	25.3%	\$ 199,573	\$ 75,945	\$ 275,518	38.1%
<b>COLLEGE OF EDUCATION</b>												
Dean's Office	\$ 2,090,521	\$ 227,169	\$ 2,317,690	10.9%	\$ 842,037	\$ 117,972	\$ 960,009	14.0%	\$ 421,099	\$ 28,202	\$ 449,301	6.7%
Communication Disorders and Special Education	2,881,149	195,510	3,076,659	6.8%	2,997,353	197,029	3,194,382	6.6%	3,017,882	230,931	3,248,813	7.7%
Counseling and Human Services	139,638	2,304	141,942	1.6%	207,723	8,199	215,922	3.9%	109,363	1,544	110,907	1.4%
Educational Foundations and Leadership	702,516	75,518	778,034	10.7%	512,859	67,784	580,643	13.2%	357,255	44,443	401,698	12.4%
Human Movement Sciences	108,483	13,663	122,146	12.6%	91,639	5,709	97,348	6.2%	161,032	24,767	185,799	15.4%
STEM Education and Professional Studies	1,089,644	123,931	1,213,575	11.4%	537,166	53,801	590,967	10.0%	299,250	22,722	321,972	7.6%
STEM Education and Professional Studies - VMASC	4,624	1,701	6,325	36.8%	10,289	4,352	14,641	42.3%	25,961	4,923	30,884	19.0%
Teaching and Learning	361,189	48,208	409,397	13.3%	463,988	95,863	559,851	20.7%	502,397	102,364	604,761	20.4%
College Total	\$ 7,377,764	\$ 688,004	\$ 8,065,768	9.3%	\$ 5,663,054	\$ 550,709	\$ 6,213,763	9.7%	\$ 4,894,239	\$ 459,896	\$ 5,354,135	9.4%



SCHEDULE 3  
 OLD DOMINION UNIVERSITY RESEARCH FOUNDATION  
 REPORT OF SPONSORED PROGRAM ACTIVITY  
 DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE  
 (MEASURED BY EXPENDITURES INCURRED)  
 FISCAL YEAR 2013 THROUGH FISCAL YEAR 2011

	Fiscal Year 2013				Fiscal Year 2012				Fiscal Year 2011			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
<b>COLLEGE OF ENGINEERING</b>												
Dean's Office	\$ 42,139	\$ 14,922	\$ 57,061	35.4%	\$ 125,318	\$ 12,111	\$ 137,429	9.7%	\$ 376,575	\$ 22,240	\$ 398,815	5.9%
Civil & Environmental Engineering	242,641	76,788	319,429	31.6%	433,047	52,540	485,587	12.1%	319,402	70,249	389,651	22.0%
Civil & Environmental Engineering - VMASC	119,219	59,928	179,147	50.3%	33,424	9,877	43,301	29.6%	32,653	9,111	41,764	27.9%
Civil & Environmental Engineering - VCERC (287)	(287)	(75)	(362)	26.1%	3,413	887	4,300	26.0%	10,049	2,613	12,662	26.0%
Electrical & Computer Engineering	928,643	233,912	1,162,555	25.2%	649,104	167,423	816,527	25.8%	515,179	129,100	644,279	25.1%
Electrical & Computer Engineering - ARC	900,941	234,335	1,135,276	26.0%	881,547	276,252	1,157,799	31.3%	456,246	155,392	611,638	34.1%
Electrical & Computer Engineering - Bioelectronics	236,277	99,386	335,663	42.1%	240,584	77,075	317,659	32.0%	274,381	125,901	400,282	45.9%
Engineering Management	215,337	86,115	301,452	40.0%	536,453	152,028	688,481	28.3%	765,212	191,830	957,042	25.1%
Engineering Management - VMASC	10,069	4,229	14,298	42.0%	100,082	42,036	142,118	42.0%	108,110	38,172	146,282	35.3%
Engineering Management - NCSOSE	653,781	285,974	939,755	43.7%	492,724	224,783	717,507	45.6%	519,092	211,702	730,794	40.8%
Engineering Management Career Center	8,650	-	8,650	0.0%	-	-	-	0.0%	-	-	-	0.0%
Mechanical & Aerospace Engineering	585,181	204,173	789,354	34.9%	927,739	315,053	1,242,792	34.0%	1,017,384	276,557	1,293,941	27.2%
Mechanical & Aerospace Engineering - ARC	48,271	-	48,271	0.0%	55,977	-	55,977	0.0%	113,771	4,167	117,938	3.7%
Mechanical & Aerospace Engineering - VMASC	6,627	2,552	9,179	38.5%	11,583	4,910	16,493	42.4%	111,707	54,728	166,435	49.0%
Engineering Technology	355,356	98,603	453,959	27.7%	516,238	98,053	614,291	19.0%	615,337	160,987	776,324	26.2%
Engineering Technology - ARC	58,101	15,672	73,773	27.0%	69,941	18,941	88,882	27.1%	20,328	10,164	30,492	50.0%
Modeling, Simulation & Visualization	170,732	56,253	226,985	32.9%	73,695	23,155	96,850	31.4%	37,001	14,557	51,558	39.3%
Modeling, Simulation & Visualization - VMASC	2,198,919	476,951	2,675,870	21.7%	2,901,705	610,384	3,512,089	21.0%	4,391,413	950,835	5,342,248	21.7%
Virginia Commercial Space Flight Authority	27,669,742	180,593	27,850,335	0.7%	47,479,362	125,501	47,604,863	0.3%	49,032,344	350,534	49,382,878	0.7%
Virginia Space Flight Academy	56,576	-	56,576	0.0%	82,658	-	82,658	0.0%	56,354	-	56,354	0.0%
Mid-Atlantic Institute for Space & Technology	2,974	-	2,974	0.0%	190,374	-	190,374	0.0%	256,638	96	256,734	0.0%
College Total	\$ 34,509,889	\$ 2,130,311	\$ 36,640,200	6.2%	\$ 55,804,968	\$ 2,211,009	\$ 58,015,977	4.0%	\$ 59,029,176	\$ 2,778,935	\$ 61,808,111	4.7%
<b>COLLEGE OF HEALTH SCIENCES</b>												
Dean's Office	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	0.0%	\$ 1,182	\$ -	\$ 1,182	0.0%
Community & Environmental Health	340,130	112,449	452,579	33.1%	240,714	78,431	319,145	32.6%	204,023	93,630	297,653	45.9%
Dental Hygiene	71,011	16,388	87,399	23.1%	50,657	18,975	69,632	37.5%	59,708	24,171	83,879	40.5%
Medical Laboratory & Radiation Sciences				0.0%				0.0%	8,241	256	8,497	3.1%
Medical Laboratory & Radiation Sciences - Bioelectronics	722,860	316,219	1,039,079	43.7%	813,691	366,871	1,180,562	45.1%	1,032,453	483,225	1,515,678	46.8%
Nursing	717,570	28,642	746,212	4.0%	489,469	34,015	523,484	6.9%	653,432	47,771	701,203	7.3%
Physical Therapy	127,309	28,492	155,801	22.4%	88,103	25,726	113,829	29.2%	58,694	10,385	69,079	17.7%
College Total	\$ 1,978,880	\$ 502,190	\$ 2,481,070	25.4%	\$ 1,682,634	\$ 524,018	\$ 2,206,652	31.1%	\$ 2,017,733	\$ 659,438	\$ 2,677,171	32.7%

**SCHEDULE 3**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**REPORT OF SPONSORED PROGRAM ACTIVITY**  
**DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE**  
(MEASURED BY EXPENDITURES INCURRED)  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2011**

	Fiscal Year 2013				Fiscal Year 2012				Fiscal Year 2011			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
<b>COLLEGE OF SCIENCES</b>												
Dean's Office	\$ 12,269	\$ 419	\$ 12,688	3.4%	\$ 11,434	\$ 335	\$ 11,769	2.9%	\$ 4,434	\$ 129	\$ 4,563	2.9%
Biological Sciences	2,169,111	397,152	2,566,263	18.3%	2,113,611	332,245	2,445,856	15.7%	1,905,702	309,032	2,214,734	16.2%
Biological Sciences - CBE	58,947	22,137	81,084	37.6%	95,843	38,260	134,103	39.9%	89,603	45,806	135,409	51.1%
Biological Sciences - VMASC	-	-	-	0.0%	8,866	709	9,575	8.0%	74,158	11,884	86,042	16.0%
Biological Sciences - VCERC	(574)	(149)	(723)	26.0%	6,830	1,776	8,606	26.0%	20,098	5,226	25,324	26.0%
Center for Coastal Physical Oceanography	737,983	308,411	1,046,394	41.8%	988,548	358,495	1,347,043	36.3%	990,108	287,128	1,277,236	29.0%
Center for Coastal Physical Oceanography - SSRP	23,417	-	23,417	0.0%	48,136	24,068	72,204	50.0%	78,462	38,873	117,335	49.5%
Chemistry and Biochemistry	609,493	153,232	762,725	25.1%	1,239,668	304,931	1,544,599	24.6%	1,565,710	325,414	1,891,124	20.8%
Chemistry and Biochemistry - VCERC	164,333	62,451	226,784	38.0%	105,542	49,055	154,597	46.5%	471,101	127,352	598,453	27.0%
Computer Sciences	1,022,518	313,069	1,335,587	30.6%	1,134,715	318,059	1,452,774	28.0%	921,676	320,798	1,242,474	34.8%
Mathematics & Statistics	548,594	158,651	707,245	28.9%	517,298	163,779	681,077	31.7%	432,266	106,959	539,225	24.7%
Ocean, Earth & Atmospheric Sciences	2,168,870	838,774	3,007,644	38.7%	2,400,200	1,013,724	3,413,924	42.2%	1,929,806	776,491	2,706,297	40.2%
Ocean, Earth & Atmospheric Sciences - SSRP	199,819	69,556	269,375	34.8%	317,324	112,952	430,276	35.6%	222,245	82,465	304,710	37.1%
Ocean, Earth & Atmospheric Sciences - CBE	-	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%
Physics - ARC	-	-	-	0.0%	-	-	-	0.0%	1,390	-	1,390	0.0%
Psychology	1,009,983	291,261	1,301,244	28.8%	977,476	287,841	1,265,317	29.4%	866,462	266,618	1,133,080	30.8%
Psychology - CBE	3,141	1,529	4,670	48.7%	20,595	5,237	25,832	25.4%	41,815	21,376	63,191	51.1%
Psychology - VMASC	-	-	-	0.0%	3,556	356	3,912	10.0%	5,761	1,499	7,260	26.0%
College Total	\$ 11,708,026	\$ 3,464,925	\$ 15,172,951	29.6%	\$ 12,614,826	\$ 3,772,232	\$ 16,387,058	29.9%	\$ 11,819,147	\$ 3,189,560	\$ 15,008,707	27.0%
<b>OFFICE OF RESEARCH AND OTHER ACTIVITY</b>												
Office of Research	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	0.0%	\$ 1,000	\$ -	\$ 1,000	0.0%
Frank Reidy Research Center for Bioelectronics	637,656	257,195	894,851	40.3%	783,965	301,583	1,085,548	38.5%	710,388	265,960	976,348	37.4%
Virginia Modeling, Analysis and Simulation Center	2,914,209	725,526	3,639,735	24.9%	1,170,243	340,994	1,511,237	29.1%	1,808,255	579,678	2,387,933	32.1%
Office of Distance Learning	-	-	-	0.0%	-	-	-	0.0%	291,095	120,693	411,788	41.5%
ODU Business Gateway	834,434	107,428	941,862	12.9%	305,280	33,360	338,640	10.9%	231,365	23,783	255,148	10.3%
Virginia Space Grant Consortium	3,553,435	398,772	3,952,207	11.2%	3,402,061	482,649	3,884,710	14.2%	3,746,763	580,337	4,327,100	15.5%
Virginia Tidewater Consortium for Higher Education	820,018	58,903	878,921	7.2%	638,483	56,552	695,035	8.9%	720,766	38,968	759,734	5.4%
National University Teleconference Network	-	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%
Association for Consortium Leadership	40,570	1,623	42,193	4.0%	38,347	1,534	39,881	4.0%	75,229	2,958	78,187	3.9%
Miscellaneous ODU Units	624,317	40,756	665,073	6.5%	566,376	38,186	604,562	6.7%	636,013	41,370	677,383	6.5%
College Total Other Units	\$ 9,424,639	\$ 1,590,203	\$ 11,014,842	16.9%	\$ 6,904,755	\$ 1,254,858	\$ 8,159,613	18.2%	\$ 8,220,874	\$ 1,653,747	\$ 9,874,621	20.1%
<b>GRAND TOTAL</b>	<b>\$ 65,510,990</b>	<b>\$ 8,466,739</b>	<b>\$ 73,977,729</b>	<b>12.9%</b>	<b>\$ 83,496,851</b>	<b>\$ 8,468,443</b>	<b>\$ 91,965,294</b>	<b>10.1%</b>	<b>\$ 86,813,884</b>	<b>\$ 8,914,561</b>	<b>\$ 95,728,445</b>	<b>10.3%</b>

SSRP= self supporting research program

**SCHEDULE 4**

**Sponsored Program Activity**

**Individual Project Listing**

**Fiscal Year 2013**

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>ARTS AND LETTERS</b>												
Dean's Office												
524701	* VA COMMISSION OF THE ARTS	BAYERSDORFER, F.	-	1,000	-	-	1,000	-	-	1,000	TRAD	
397561	* US DEPT OF EDUCATION	WOJTOWICZ, R.	6,061	4,357	-	13,958	24,376	834	-	25,210	TRAD	
			6,061	5,357	-	13,958	25,376	834	-	26,210	3.29%	
English												
397561	* US DEPT OF EDUCATION	BOSTIC, T.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
720771	* THE ACADEMY OF MUSIC	BOSTIC, T.	1,285	-	-	534	1,819	182	-	2,001	TRAD	
515271	* CITY OF NORFOLK	McMANUS, J.	-	500	-	-	500	-	-	500	TRAD	
524701	* VA COMMISSION OF THE ARTS	McMANUS, J.	-	1,000	-	-	1,000	-	-	1,000	TRAD	
525371	* CITY OF NORFOLK	McMANUS, J.	-	500	-	-	500	-	-	500	TRAD	
515271	* CITY OF NORFOLK	PEARSON, M.	-	500	-	-	500	-	-	500	TRAD	
525371	* CITY OF NORFOLK	SEIBLES, T.	-	500	-	-	500	-	-	500	TRAD	
			16,498	13,937	-	35,567	66,001	2,274	-	68,275	3.45%	
History												
397561	* US DEPT OF EDUCATION	FINLEY-CROSSWHITE, A.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
397561	* US DEPT OF EDUCATION	GREENE, D.	6,061	4,357	-	13,958	24,376	833	-	25,210	TRAD	
			21,274	15,294	-	48,991	85,559	2,925	-	88,485	3.42%	
Political Science and Geography												
516851	* ODU	FINWOOD, M.	-	-	-	532	532	-	-	532	TRAD	
711021	* EUROPEAN COMMISSION	KARP, R.	2,430	490	-	-	2,920	205	-	3,124	TRAD	
726941	* EUROPEAN COMMISSION	KARP, R.	342	9,125	-	-	9,467	663	-	10,130	TRAD	
516851	* ODU	LIU, H.	-	-	-	532	532	-	-	532	TRAD	
714311	* UNIV OF KENTUCKY RESEARCH FNDN	LIU, H.	2,971	701	-	886	4,557	456	-	5,013	TRAD	
732761	NATIONAL GEOGRAPHIC SOCIETY	NEIMARK, B.	-	1,010	-	-	1,010	-	-	1,010	TRAD	
			5,742	11,326	-	1,950	19,018	1,323	-	20,341	6.96%	
Political Science and Geography - VMASC: Virginia Modeling & Simulation Center												
514321	* ODU	LIU, H.	5,112	130	-	38	5,280	-	-	5,280	VMASC	
			5,112	130	-	38	5,280	-	-	5,280	0.00%	
Philosophy & Religious Studies												
326241	NATL ENDOWMENT/HUMANITIES	BLUHM, R.	5,921	-	-	79	6,000	-	-	6,000	TRAD	
			5,921	-	-	79	6,000	-	-	6,000	0.00%	
Sociology and Criminal Justice												
354491	US PUBLIC HEALTH SERVICE	YANG, X.	-	3,833	-	302	4,135	1,610	-	5,745	TRAD	
594001	WAYNE STATE UNIVERSITY	YANG, X.	13,489	-	-	-	13,489	6,744	-	20,233	TRAD	
			13,489	3,833	-	302	17,624	8,354	-	25,978	47.40%	
Communication and Theatre Arts												
524161	* ODU	SAINT JOHN, B.	2,088	-	-	3,279	5,366	-	-	5,366	TRAD	
			2,088	-	-	3,279	5,366	-	-	5,366	0.00%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Social Science Research Center												
520531	* ODU	RICHMAN, J.	4,819	703	-	1,658	7,180	-	-	7,180	SSRC	
215691	* DOD NON-TRADITIONAL EDUCATION	VANDECAR-BURDIN, T.	5,431	654	-	-	6,085	608	-	6,693	SSRC	
230891	* NAVSUP FLEET LOGISTICS NORFOLK	VANDECAR-BURDIN, T.	19,967	132	-	-	20,099	10,653	-	30,752	SSRC	
396311	* US PUBLIC HEALTH SERVICE	VANDECAR-BURDIN, T.	13,951	793	-	(10)	14,733	7,372	-	22,105	SSRC	
512831	ODU	VANDECAR-BURDIN, T.	12,936	1,634	-	-	14,570	728	-	15,298	SSRC	
512832	ODU	VANDECAR-BURDIN, T.	2,473	-	-	-	2,473	124	-	2,597	SSRC	
514551	ODU	VANDECAR-BURDIN, T.	4,411	4,893	-	4,198	13,502	675	-	14,177	SSRC	
520531	* ODU	VANDECAR-BURDIN, T.	4,819	703	-	1,658	7,180	-	-	7,180	SSRC	
524271	ODU	VANDECAR-BURDIN, T.	1,078	5,322	-	1,953	8,353	418	-	8,771	SSRC	
530321	NEW HAMPSHIRE DEPT-HHS	VANDECAR-BURDIN, T.	26,460	14,253	-	-	40,713	4,071	-	44,784	SSRC	
532491	ODU	VANDECAR-BURDIN, T.	10,970	16,082	-	-	27,052	1,353	-	28,405	SSRC	
534641	VA DEPT MENTAL HEALTH	VANDECAR-BURDIN, T.	6,975	932	-	-	7,907	395	-	8,302	SSRC	
720771	* THE ACADEMY OF MUSIC	VANDECAR-BURDIN, T.	1,285	-	-	534	1,819	182	-	2,001	SSRC	
723541	* AM ASSOC - AFFIRMATIVE ACTION	VANDECAR-BURDIN, T.	-	-	-	381	381	201	-	582	SSRC	
732551	* PLANNED PARENTHOOD SE VIRGINIA	VANDECAR-BURDIN, T.	5,680	205	-	-	5,884	1,530	-	7,414	SSRC	
			121,254	46,305	-	10,372	177,931	28,310	-	206,241	15.91%	
<b>TOTAL ARTS AND LETTERS</b>			<b>\$ 197,439</b>	<b>\$ 96,182</b>	<b>\$ -</b>	<b>\$ 114,536</b>	<b>\$ 408,155</b>	<b>\$ 44,021</b>	<b>\$ -</b>	<b>\$ 452,176</b>	<b>10.79%</b>	

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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>BUSINESS AND PUBLIC ADMINISTRATION</b>												
Information Technology & Decision Sciences												
306281	* NATL SCIENCE FOUNDATION	XU, L.	1,123	458	-	-	1,581	790	-	2,371	TRAD	
306281	* NATL SCIENCE FOUNDATION	ZHU, H.	3,929	1,603	-	-	5,532	2,766	-	8,298	TRAD	
			5,051	2,061	-	-	7,112	3,556	-	10,669	50.00%	
Business Administration												
711021	* EUROPEAN COMMISSION	FILER, L.	2,430	490	-	-	2,920	205	-	3,124	TRAD	
726491	* SPENCER FOUNDATION	MCSHANE, M.	5,854	-	-	-	5,854	586	-	6,440	TRAD	
			8,284	490	-	-	8,774	790	-	9,564	9.00%	
Economics												
724681	* CSX TRANSPORTATION	AGARWAL, V.	18,623	-	-	-	18,623	9,870	-	28,493	TRAD	
306281	* NATL SCIENCE FOUNDATION	NAJAND, M.	1,123	458	-	-	1,581	790	-	2,371	TRAD	
724681	* CSX TRANSPORTATION	WAGNER, G.	18,623	-	-	-	18,623	9,870	-	28,493	TRAD	
			38,369	458	-	-	38,827	20,530	-	59,357	52.88%	
Urban Studies												
230891	* NAVSUP FLEET LOGISTICS NORFOLK	MILLER-STEVENS, K.	19,380	128	-	-	19,508	10,339	-	29,847	TRAD	
230891	* NAVSUP FLEET LOGISTICS NORFOLK	MORRIS, J.	19,380	128	-	-	19,508	10,339	-	29,847	TRAD	
732551	* PLANNED PARENTHOOD SE VIRGINIA	MORRIS, J.	5,680	205	-	-	5,884	1,530	-	7,414	TRAD	
524161	* ODU	YUSUF, J.	1,566	-	-	2,459	4,025	-	-	4,025	TRAD	
			46,005	461	-	2,459	48,925	22,208	-	71,133	45.39%	
<b>TOTAL BUSINESS AND PUBLIC ADMINISTRATION</b>			<b>\$ 97,708</b>	<b>\$ 3,470</b>	<b>\$ -</b>	<b>\$ 2,459</b>	<b>\$ 103,637</b>	<b>\$ 47,085</b>	<b>\$ -</b>	<b>\$ 150,722</b>	<b>45.43%</b>	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
<b>EDUCATION</b>												
Dean's Office												
215691	* DOD NON-TRADITIONAL EDUCATION	ARNOLD, P.	5,431	654	-	-	6,085	608	-	6,693	TRAD	
317101	* US DEPT OF EDUCATION	ARNOLD, P.	36,401	2,275	-	195,915	234,591	27,730	-	262,321	TRAD	
516581	* NEWPORT NEWS PUBLIC SCHOOLS	ARNOLD, P.	8,112	48	-	-	8,160	-	-	8,160	TRAD	
215691	* DOD NON-TRADITIONAL EDUCATION	CHAPPELL, S.	15,108	1,232	-	-	16,339	1,634	-	17,973	TRAD	
317101	* US DEPT OF EDUCATION	CHAPPELL, S.	36,401	2,275	-	195,915	234,591	27,730	-	262,321	TRAD	
514931	* ODU	CHAPPELL, S.	-	87	-	-	87	7	-	94	TRAD	
516581	* NEWPORT NEWS PUBLIC SCHOOLS	CHAPPELL, S.	8,112	48	-	-	8,160	-	-	8,160	TRAD	
732801	* CNA CORPORATION	CHAPPELL, S.	1,420	-	-	215	1,634	866	-	2,500	TRAD	
514931	* ODU	GARNER, J.	-	174	-	-	174	14	-	188	TRAD	
516581	* NEWPORT NEWS PUBLIC SCHOOLS	GARNER, J.	16,225	96	-	-	16,321	-	-	16,321	TRAD	
524481	* ODU	GARNER, J.	16,055	282	-	28,964	45,301	3,230	-	48,531	TRAD	
532151	* ODU	GARNER, J.	3,522	-	-	-	3,522	281	-	3,803	TRAD	
732801	* CNA CORPORATION	GARNER, J.	795	-	-	120	915	485	-	1,400	TRAD	
397561	* US DEPT OF EDUCATION	IRWIN-DEVITIS, L.	6,061	4,357	-	13,958	24,376	833	-	25,210	TRAD	
397561	* US DEPT OF EDUCATION	JUDGE, S.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
215691	* DOD NON-TRADITIONAL EDUCATION	NUNNERY, J.	16,293	1,961	-	-	18,255	1,825	-	20,080	TRAD	
317101	* US DEPT OF EDUCATION	NUNNERY, J.	182,006	11,373	-	979,575	1,172,953	138,650	-	1,311,603	TRAD	
514931	* ODU	NUNNERY, J.	-	87	-	-	87	7	-	94	TRAD	
516581	* NEWPORT NEWS PUBLIC SCHOOLS	NUNNERY, J.	8,112	48	-	-	8,160	-	-	8,160	TRAD	
732801	* CNA CORPORATION	NUNNERY, J.	625	-	-	94	719	381	-	1,100	TRAD	
306281	* NATL SCIENCE FOUNDATION	REN, Z.	1,684	687	-	-	2,371	1,185	-	3,556	TRAD	
216871	DOD NON-TRADITIONAL EDUCATION	WARGO, J.	62,564	11,706	-	-	74,270	7,427	-	81,697	TRAD	
216872	DOD NON-TRADITIONAL EDUCATION	WARGO, J.	127,797	23,248	-	-	151,045	12,084	-	163,129	TRAD	
216879	DOD NON-TRADITIONAL EDUCATION	WARGO, J.	1,222	-	-	-	1,222	98	-	1,320	TRAD	
			569,158	71,574	-	1,449,788	2,090,521	227,169	-	2,317,690	10.87%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Teaching and Learning												
733811	DOLLAR GENERAL LITERACY FNDTN	COLWELL, J.	-	58	-	-	58	-	-	58	TRAD	
327601	US DEPT HLTH/HUMAN SERV	DEBRUIN-PARECKI, A.	8,207	4,888	-	854	13,949	-	-	13,949	TRAD	
536971	* ODU	DEBRUIN-PARECKI, A.	28,344	300	-	-	28,644	1,432	-	30,076	TRAD	
392641	* INST OF MUSEUM AND LIBRARY SVC	DICKINSON, G.	17,254	8,629	-	5,710	31,593	11,311	-	42,904	TRAD	
392641	* INST OF MUSEUM AND LIBRARY SVC	DOLL, C.	17,777	8,891	-	5,883	32,551	11,654	-	44,204	TRAD	
536971	* ODU	ECKHOFF, A.	28,344	300	-	-	28,644	1,432	-	30,076	TRAD	
723241	NATL EDUC ASSOC FOUNDATION	ECKHOFF, A.	-	4,134	-	60	4,194	-	-	4,194	TRAD	
397561	* US DEPT OF EDUCATION	FLEENER, C.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
392641	* INST OF MUSEUM AND LIBRARY SVC	HINTON-JOHNSON, K.	17,254	8,629	-	5,710	31,593	11,311	-	42,904	TRAD	
397021	NATL SCIENCE FOUNDATION	KIDD, J.	-	-	-	(14)	(14)	(7)	-	(21)	TRAD	
726081	NATIONAL WRITING PROJECT	LEE, L.	2,182	2,300	-	4,108	8,590	448	-	9,038	TRAD	
765071	NATIONAL WRITING PROJECT	LEE, L.	1,178	4,033	-	20,462	25,673	-	-	25,673	TRAD	
384721	* NATL SCIENCE FOUNDATION	MCKINNEY, S.	2,221	2,587	-	7,595	12,403	2,019	-	14,423	TRAD	
391471	* NATL SCIENCE FOUNDATION	MCKINNEY, S.	4,496	4,351	-	12,099	20,946	4,423	-	25,369	TRAD	
397561	* US DEPT OF EDUCATION	SOMMERFELDT, J.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
			157,683	70,973	-	132,533	361,189	48,208	-	409,397	13.35%	



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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
STEM Education and Professional Studies												
532571	* VA DEPT ENVIRON QUALITY	BURGIN, S.	-	72	-	-	72	-	-	72	TRAD	
521351	* VA.DEPT.OF REHABILITATIVE SERV	DAVIS, S.	17,763	6,290	-	1,656	25,710	-	-	25,710	TRAD	
530471	* VA.DEPT.OF REHABILITATIVE SERV	DAVIS, S.	20,805	3,557	-	-	24,362	-	-	24,362	TRAD	
104772	* NASA-GODDARD SPACEFLIGHT CNTR	DICKERSON, D.	1,379	1,951	-	-	3,330	-	-	3,330	TRAD	
392161	* NATL OCEANIC/ATMOS ADMIN	DICKERSON, D.	10,105	2,859	-	-	12,964	3,246	-	16,209	TRAD	
532571	* VA DEPT ENVIRON QUALITY	DICKERSON, D.	-	649	-	-	649	-	-	649	TRAD	
384721	* NATL SCIENCE FOUNDATION	DICKERSON, D.	740	862	-	2,532	4,134	673	-	4,808	TRAD	
391471	* NATL SCIENCE FOUNDATION	DICKERSON, D.	4,496	4,351	-	12,099	20,946	4,423	-	25,369	TRAD	
512511	* ODU	DICKERSON, D.	3,192	3,135	-	2,523	8,850	708	-	9,558	TRAD	
534901	* ODU	ENDERSON, M.	12,973	39,950	-	2,886	55,809	2,646	-	58,455	TRAD	
104772	* NASA-GODDARD SPACEFLIGHT CNTR	FANTZ, T.	1,339	1,894	-	-	3,232	-	-	3,232	TRAD	
326261	* NATL SCIENCE FOUNDATION	FANTZ, T.	1,967	349	-	-	2,316	1,227	-	3,543	TRAD	
397561	* US DEPT OF EDUCATION	FANTZ, T.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
317101	* US DEPT OF EDUCATION	GRANT, M.	36,401	2,275	-	195,915	234,591	27,730	-	262,321	TRAD	
513861	* SSTATE COUNCIL HIGHES ED IN VA	GRANT, M.	554	252	-	870	1,676	117	-	1,792	TRAD	
516611	* NEWPORT NEWS PUBLIC SCHOOLS	GRANT, M.	4,264	166	-	-	4,429	-	-	4,429	TRAD	
104772	* NASA-GODDARD SPACEFLIGHT CNTR	KATSIOLOUDIS, P.	1,339	1,894	-	-	3,232	-	-	3,232	TRAD	
306021	* NATL SCIENCE FOUNDATION	KATSIOLOUDIS, P.	5,052	663	-	34	5,749	2,858	-	8,606	TRAD	
397561	* US DEPT OF EDUCATION	KATSIOLOUDIS, P.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
521351	* VA.DEPT.OF REHABILITATIVE SERV	KOSLOSKI, M.	7,613	2,696	-	710	11,018	-	-	11,018	TRAD	
530471	* VA.DEPT.OF REHABILITATIVE SERV	KOSLOSKI, M.	20,805	3,557	-	-	24,362	-	-	24,362	TRAD	
317101	* US DEPT OF EDUCATION	MORRISON, G.	36,401	2,275	-	195,915	234,591	27,730	-	262,321	TRAD	
397561	* US DEPT OF EDUCATION	POND, L.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
397561	* US DEPT OF EDUCATION	REED, P.	6,061	4,357	-	13,958	24,376	833	-	25,210	TRAD	
726291	* OPPORTUNITY, INC.	REED, P.	11,005	2,184	-	283	13,472	1,319	-	14,791	TRAD	
311641	* NATL SCIENCE FOUNDATION	RITZ, J.	2,930	7,470	-	11,413	21,812	10,906	-	32,719	TRAD	
225071	* ARMY MED RES COMMAND	WATSON, G.	42,589	1,146	7,418	88,474	139,627	27,141	-	166,769	TRAD	
304931	* NATL SCIENCE FOUNDATION	WATSON, G.	936	98	-	-	1,034	517	-	1,551	TRAD	
702971	* ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	5,010	94	-	1,523	6,627	2,552	-	9,179	TRAD	
726291	* OPPORTUNITY, INC.	WATSON, G.	11,005	2,184	-	283	13,472	1,319	-	14,791	TRAD	
786782	* ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	1,505	1,913	-	30	3,449	1,709	-	5,158	TRAD	
786852	* DIAMOND VISIONICS	WATSON, G.	-	-	-	207	207	-	-	207	TRAD	
			313,868	131,950	7,418	636,408	1,089,644	123,931	-	1,213,575	11.37%	
STEM Education and Professional Studies - VMASC: Virginia Modeling & Simulation Center												
702971	* ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	3,340	63	-	1,015	4,418	1,701	-	6,119	VMASC	
786852	* DIAMOND VISIONICS	WATSON, G.	-	-	-	207	207	-	-	207	VMASC	
			3,340	63	-	1,222	4,624	1,701	-	6,326	36.79%	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Human Movement Sciences												
510191	* EASTERN VIRGINIA MED. SCHOOL	COLBERG, S.	15,926	3,861	-	-	19,786	10,487	-	30,273	TRAD	
717221	* AMERICAN DIABETES ASSOCIATION	COLBERG, S.	7,861	3,526	-	10,495	21,882	3,021	-	24,903	TRAD	
732621	* NORFOLK TOURISM RESEARCH FNDN	GOMEZ, E.	2,959	-	-	-	2,959	-	-	2,959	TRAD	
525701	* ODU	HILL, E.	20,158	285	-	-	20,442	-	-	20,442	TRAD	
530871	* ODU	HILL, E.	17,970	1,068	-	30	19,068	-	-	19,068	TRAD	
732621	* NORFOLK TOURISM RESEARCH FNDN	HILL, E.	2,959	-	-	-	2,959	-	-	2,959	TRAD	
727001	* AMERICAN COLLEGE OF SPORTS MED	HOCH, M.	3	2,224	-	-	2,227	-	-	2,227	TRAD	
523501	* ODU	HOCH, M.	1,657	3,000	-	74	4,731	-	-	4,731	TRAD	
725191	NORTH AM SOCIETY - SPORTS MGMT	RIDINGER, L.	-	1,556	-	-	1,556	156	-	1,712	TRAD	
732621	* NORFOLK TOURISM RESEARCH FNDN	RIDINGER, L.	2,959	-	-	-	2,959	-	-	2,959	TRAD	
732621	* NORFOLK TOURISM RESEARCH FNDN	SHAPIRO, S.	2,959	-	-	-	2,959	-	-	2,959	TRAD	
727001	* AMERICAN COLLEGE OF SPORTS MED	VAN LUNEN, B.	1	1,112	-	-	1,113	-	-	1,113	TRAD	
523501	* ODU	WEINHANDL, J.	1,657	3,000	-	74	4,731	-	-	4,731	TRAD	
727001	* AMERICAN COLLEGE OF SPORTS MED	WEINHANDL, J.	1	1,112	-	-	1,113	-	-	1,113	TRAD	
			<b>77,067</b>	<b>20,743</b>	<b>-</b>	<b>10,673</b>	<b>108,483</b>	<b>13,663</b>	<b>-</b>	<b>122,146</b>	<b>12.59%</b>	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Communication Disorders and Special Education												
531991	* ODU	BAKER, C.	17,136	593	-	3,132	20,860	1,418	-	22,279	TRAD	
390411	* US DEPT OF EDUCATION	BAKER, C.	1,965	684	-	10,515	13,164	212	-	13,376	TRAD	
520041	* GEORGE MASON UNIVERISTY	BAKER, C.	2,919	706	-	1,144	4,769	290	-	5,059	TRAD	
522861	* ODU	BAKER, C.	9,908	365	-	30,806	41,079	822	-	41,901	TRAD	
533551	* ODU	BOBZIEN, J.	23,622	4,401	-	-	28,023	-	-	28,023	TRAD	
397561	* US DEPT OF EDUCATION	BOUNTRESS, N.	6,061	4,357	-	13,958	24,376	833	-	25,210	TRAD	
397561	* US DEPT OF EDUCATION	BUTLER, C.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
511151	* ODU	GABLE, R.	305	11,933	-	-	12,237	979	-	13,216	TRAD	
511152	* ODU	GABLE, R.	119,064	-	-	-	119,064	9,525	-	128,589	TRAD	
512061	* ODU	GABLE, R.	-	17,803	-	3,383	21,186	1,424	-	22,610	TRAD	
512062	* ODU	GABLE, R.	6,049	21,932	-	-	27,981	2,239	-	30,220	TRAD	
512063	* ODU	GABLE, R.	240,098	-	-	-	240,098	19,208	-	259,306	TRAD	
512064	* ODU	GABLE, R.	112,761	23	-	-	112,784	9,023	-	121,806	TRAD	
520041	* GEORGE MASON UNIVERISTY	GABLE, R.	2,919	706	-	1,144	4,769	290	-	5,059	TRAD	
521591	* ODU	GABLE, R.	104,991	81,356	-	10,554	196,901	14,908	-	211,809	TRAD	
521592	* ODU	GABLE, R.	80,225	142,567	-	-	222,791	17,824	-	240,615	TRAD	
521601	* ODU	GABLE, R.	49,443	29,256	-	-	78,699	6,296	-	84,995	TRAD	
522861	* ODU	GABLE, R.	9,908	365	-	30,806	41,079	822	-	41,901	TRAD	
531991	* ODU	GABLE, R.	17,136	593	-	3,132	20,860	1,418	-	22,279	TRAD	
532421	* ODU	GABLE, R.	31,542	8,731	-	-	40,272	3,222	-	43,494	TRAD	
390411	* US DEPT OF EDUCATION	HESTER, P.	17,681	6,158	-	94,634	118,473	1,907	-	120,380	TRAD	
381571	US PUBLIC HEALTH SERVICE	RAYMER, A.	10,262	8,142	-	200	18,604	9,202	-	27,806	TRAD	
786782	* ADV ANTI-TERROR TECHNOLOGIES	RAYMER, A.	1,505	1,913	-	30	3,449	1,709	-	5,158	TRAD	
511151	* ODU	TONELSON, S.	305	11,933	-	-	12,237	979	-	13,216	TRAD	
511152	* ODU	TONELSON, S.	119,064	-	-	-	119,064	9,525	-	128,589	TRAD	
512061	* ODU	TONELSON, S.	-	17,803	-	3,383	21,186	1,424	-	22,610	TRAD	
512062	* ODU	TONELSON, S.	6,049	21,932	-	-	27,981	2,239	-	30,220	TRAD	
512063	* ODU	TONELSON, S.	240,098	-	-	-	240,098	19,208	-	259,306	TRAD	
512064	* ODU	TONELSON, S.	112,761	23	-	-	112,784	9,023	-	121,806	TRAD	
520041	* GEORGE MASON UNIVERISTY	TONELSON, S.	5,839	1,413	-	2,287	9,538	580	-	10,118	TRAD	
520612	ODU	TONELSON, S.	45,047	5,853	-	150,355	201,255	-	-	201,255	TRAD	
521591	* ODU	TONELSON, S.	104,991	81,356	-	10,554	196,901	14,908	-	211,809	TRAD	
521592	* ODU	TONELSON, S.	80,225	142,567	-	-	222,791	17,824	-	240,615	TRAD	
521601	* ODU	TONELSON, S.	49,443	29,256	-	-	78,699	6,296	-	84,995	TRAD	
522861	* ODU	TONELSON, S.	19,816	730	-	61,612	82,158	1,644	-	83,801	TRAD	
531851	GEORGE MASON UNIVERISTY	TONELSON, S.	1,661	107	-	-	1,768	142	-	1,910	TRAD	
531991	* ODU	TONELSON, S.	34,273	1,185	-	6,263	41,721	2,837	-	44,557	TRAD	
532421	* ODU	TONELSON, S.	31,542	8,731	-	-	40,272	3,222	-	43,494	TRAD	
			1,731,824	676,404	-	472,921	2,881,149	195,510	-	3,076,659	6.79%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>Educational Foundations and Leadership</b>												
325131	* US DEPT OF JUSTICE	BAUTTI-ROCHE, J.	10,264	5,535	-	-	15,798	-	-	15,798	TRAD	
317101	* US DEPT OF EDUCATION	BOL, L.	36,401	2,275	-	195,915	234,591	27,730	-	262,321	TRAD	
384721	* NATL SCIENCE FOUNDATION	BROWN, N.	740	862	-	2,532	4,134	673	-	4,808	TRAD	
593191	HAMPTON PUBLIC SCHOOLS	BURNETT, D.	71,562	7,255	-	-	78,817	6,305	-	85,122	TRAD	
325131	* US DEPT OF JUSTICE	GREGORY, D.	12,544	6,764	-	-	19,309	-	-	19,309	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	JOHNSON, K.	22,232	982	448	-	23,662	1,857	-	25,519	TRAD	
513861	* SSTATE COUNCIL HIGHES ED IN VA	MYRAN, S.	5,817	2,646	-	9,130	17,593	1,225	-	18,819	TRAD	
385874	* US DEPT OF EDUCATION	MYRAN, S.	3,987	1,181	-	6,061	11,228	1,344	-	12,572	TRAD	
385875	* US DEPT OF EDUCATION	MYRAN, S.	13,523	7,624	-	3,375	24,522	5,498	-	30,020	TRAD	
512511	* ODU	MYRAN, S.	3,192	3,135	-	2,523	8,850	708	-	9,558	TRAD	
215691	* DOD NON-TRADITIONAL EDUCATION	OSBORN, J.	3,871	231	-	-	4,102	410	-	4,512	TRAD	
215691	* DOD NON-TRADITIONAL EDUCATION	OWINGS, W.	41,452	3,464	-	-	44,916	4,492	-	49,408	TRAD	
215691	* DOD NON-TRADITIONAL EDUCATION	PRIBESH, S.	5,431	654	-	-	6,085	609	-	6,693	TRAD	
397561	* US DEPT OF EDUCATION	ROBINSON, J.	15,213	10,937	-	35,033	61,183	2,092	-	63,275	TRAD	
385874	* US DEPT OF EDUCATION	SANZO, K.	11,960	3,543	-	18,182	33,685	4,031	-	37,715	TRAD	
385875	* US DEPT OF EDUCATION	SANZO, K.	40,568	22,872	-	10,125	73,565	16,495	-	90,060	TRAD	
512511	* ODU	SANZO, K.	3,289	3,230	-	2,599	9,118	730	-	9,848	TRAD	
513861	* SSTATE COUNCIL HIGHES ED IN VA	SANZO, K.	2,309	1,050	-	3,623	6,982	486	-	7,468	TRAD	
397561	* US DEPT OF EDUCATION	SCRIBNER, J.	6,061	4,357	-	13,958	24,376	833	-	25,210	TRAD	
			<b>310,417</b>	<b>88,597</b>	<b>448</b>	<b>303,055</b>	<b>702,516</b>	<b>75,518</b>	<b>-</b>	<b>778,034</b>	<b>10.75%</b>	
<b>Counseling and Human Services</b>												
516611	* NEWPORT NEWS PUBLIC SCHOOLS	CRAIGEN, L.	23,450	911	-	-	24,361	-	-	24,361	TRAD	
710601	ODU	HAYS, D.	2,318	-	-	1,182	3,500	649	-	4,149	TRAD	
516611	* NEWPORT NEWS PUBLIC SCHOOLS	LEVINGSTON, K.	4,264	166	-	-	4,429	-	-	4,429	TRAD	
525561	* CITY OF VIRGINIA BEACH	LEVINGSTON, K.	2,925	-	-	-	2,925	-	-	2,925	TRAD	
722681	* GIVE AN HOUR, INC.	LEVINGSTON, K.	262	1,469	-	-	1,731	502	-	2,233	TRAD	
726311	GIVE AN HOUR, INC.	LEVINGSTON, K.	-	11,206	-	-	11,206	-	-	11,206	TRAD	
504073	ODU	MILLIKEN, T.	5,014	1,086	-	-	6,100	-	-	6,100	TRAD	
516121	ODU	MILLIKEN, T.	8,134	-	-	-	8,134	651	-	8,785	TRAD	
525701	* ODU	MILLIKEN, T.	20,158	285	-	-	20,442	-	-	20,442	TRAD	
530871	* ODU	MILLIKEN, T.	17,970	1,068	-	30	19,068	-	-	19,068	TRAD	
706272	NORFOLK COMMUNITY SERVICES BRD	SCHWITZER, A.	14,679	-	-	7,334	22,013	-	-	22,013	TRAD	
516611	* NEWPORT NEWS PUBLIC SCHOOLS	WARD, C.	10,659	414	-	-	11,073	-	-	11,073	TRAD	
525561	* CITY OF VIRGINIA BEACH	WARD, C.	2,925	-	-	-	2,925	-	-	2,925	TRAD	
722681	* GIVE AN HOUR, INC.	WARD, C.	262	1,469	-	-	1,731	502	-	2,233	TRAD	
			<b>113,019</b>	<b>18,073</b>	<b>-</b>	<b>8,546</b>	<b>139,638</b>	<b>2,304</b>	<b>-</b>	<b>141,942</b>	<b>1.65%</b>	
<b>EDUCATION TOTAL</b>			<b>\$ 3,276,376</b>	<b>\$ 1,078,377</b>	<b>\$ 7,866</b>	<b>\$ 3,015,145</b>	<b>\$ 7,377,764</b>	<b>\$ 688,004</b>	<b>\$ -</b>	<b>\$ 8,065,768</b>	<b>9.33%</b>	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>ENGINEERING AND TECHNOLOGY</b>												
Dean's Office												
502533	* UNIV MICH DEPT NAT RESOURCES	BAYSAL, O.	11,597	853	503	-	12,954	6,599	-	19,553	TRAD	
502534	* UNIV MICH DEPT NAT RESOURCES	BAYSAL, O.	1,309	200	-	-	1,509	800	-	2,309	TRAD	
780271	GENERAL COMMAND OF GANDARME	BAYSAL, O.	-	7,931	-	-	7,931	-	-	7,931	TRAD	
162771	NASA-LANGLEY RESEARCH CENTER	VAHALA, L.	2,872	-	-	-	2,872	747	-	3,619	TRAD	
351161	US DEPT OF ENERGY	VAHALA, L.	9,788	2,652	-	-	12,440	5,225	-	17,665	TRAD	
580321	COLLEGE OF WILLIAM AND MARY	VAHALA, L.	3,263	1,170	-	-	4,433	1,551	-	5,984	TRAD	
			28,829	12,806	503	-	42,139	14,922	-	57,060	35.41%	
Civil and Environmental Engineering												
514421	* VA DEPT OF TRANSPORTATION	CETIN, M.	18,645	127	-	-	18,772	1,877	-	20,649	TRAD	
516861	* VA DEPT OF TRANSPORTATION	CETIN, M.	6,076	-	-	-	6,076	729	-	6,805	TRAD	
521704	UNIVERSITY OF IDAHO	CETIN, M.	7,535	-	-	-	7,535	3,993	-	11,528	TRAD	
521705	* UNIVERSITY OF IDAHO	CETIN, M.	3,457	-	-	-	3,457	1,832	-	5,289	TRAD	
521706	* UNIVERSITY OF IDAHO	CETIN, M.	3,664	504	-	-	4,168	2,209	-	6,377	TRAD	
523911	* ODU	CETIN, M.	2,346	-	-	-	2,346	-	-	2,346	TRAD	
526751	VA DEPT OF TRANSPORTATION	CETIN, M.	6,263	-	-	-	6,263	752	-	7,015	TRAD	
533611	CENTER INNOVATIVE TECHNOLOGY	CETIN, M.	1,241	-	-	-	1,241	372	-	1,613	TRAD	
707281	* ODU	ERTEN-UNAL, M.	-	-	-	272	272	-	-	272	TRAD	
722461	* HAMPTON UNIVERSITY	ERTEN-UNAL, M.	1,376	-	-	-	1,376	385	-	1,761	TRAD	
584521	CA CTR - INNOVATIVE TRANSPORT	KHATTAK, A	-	-	-	(9,045)	(9,045)	(1,357)	-	(10,402)	TRAD	
511371	VA DEPT OF TRANSPORTATION	KHATTAK, A.	31,080	900	-	-	31,980	3,108	-	35,088	TRAD	
514421	* VA DEPT OF TRANSPORTATION	KHATTAK, A.	18,645	127	-	-	18,772	1,877	-	20,649	TRAD	
521702	* UNIVERSITY OF IDAHO	KHATTAK, A.	53,063	2,500	(2,500)	-	53,063	29,449	-	82,512	TRAD	
521705	* UNIVERSITY OF IDAHO	KHATTAK, A.	6,913	-	-	-	6,913	3,664	-	10,577	TRAD	
521706	* UNIVERSITY OF IDAHO	KHATTAK, A.	7,329	1,007	-	-	8,336	4,418	-	12,754	TRAD	
533571	* ODU	KUMAR, S.	1,716	871	1,539	-	4,127	-	-	4,127	TRAD	
724101	TYTON BIOSCIENCES CORP, LLC	KUMAR, S.	5,202	1,436	-	1,462	8,100	4,293	-	12,393	TRAD	
724102	TYTON BIOSCIENCES CORP, LLC	KUMAR, S.	12,374	5,123	-	-	17,497	5,249	-	22,746	TRAD	
736181	FIBERIGHT, LLC	KUMAR, S.	853	63	-	-	916	486	-	1,402	TRAD	
533561	* ODU	NGUYEN, D.	5,821	-	-	-	5,821	-	-	5,821	TRAD	
520911	HAMPTON ROADS SANITATION DIST.	SCHAFFRAN, G.	4,566	-	-	828	5,394	2,069	-	7,463	TRAD	
520912	HAMPTON ROADS SANITATION DIST.	SCHAFFRAN, G.	21,414	-	-	-	21,414	5,568	-	26,982	TRAD	
597981	* ODU	SCHAFFRAN, G.	2,871	2,916	-	-	5,787	-	-	5,787	TRAD	
597982	* ODU	SCHAFFRAN, G.	245	788	-	145	1,178	-	-	1,178	TRAD	
712421	OSTARA NUTRIENT RECOVERY TECH	SCHAFFRAN, G.	-	-	-	875	875	227	-	1,102	TRAD	
723701	ODU	WANG, X.	9,600	-	-	-	9,600	5,088	-	14,688	TRAD	
781041	BEACH CONSULTANTS	YOON, J.	-	-	-	(5,611)	(5,611)	(2,357)	-	(7,968)	TRAD	
306021	* NATL SCIENCE FOUNDATION	YOON, J.	5,052	663	-	34	5,749	2,858	-	8,606	TRAD	
707281	* ODU	YOON, J.	-	-	-	272	272	-	-	272	TRAD	
			237,344	17,025	(961)	(10,768)	242,641	76,788	-	319,429	31.65%	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Civil and Environmental Engineering - VMASC: Virginia Modeling & Simulation Center												
514421	* VA DEPT OF TRANSPORTATION	CETIN, M.	18,645	127	-	-	18,772	1,877	-	20,649	VMASC	
521701	* UNIVERSITY OF IDAHO	CETIN, M.	8,862	834	-	-	9,696	5,139	-	14,835	VMASC	
521702	* UNIVERSITY OF IDAHO	CETIN, M.	26,532	1,250	(1,250)	-	26,532	14,724	-	41,256	VMASC	
533071	* CITY OF VIRGINIA BEACH	CETIN, M.	14,697	-	-	6,692	21,389	11,336	-	32,726	VMASC	
715621	* TUNNEL VISION, LLC	CETIN, M.	-	-	-	(6,893)	(6,893)	-	-	(6,893)	VMASC	
715621	* TUNNEL VISION, LLC	CETIN, M.	-	-	-	(3,446)	(3,446)	-	-	(3,446)	VMASC	
516861	* VA DEPT OF TRANSPORTATION	KHATTAK, A.	12,151	-	-	-	12,151	1,458	-	13,609	VMASC	
521701	* UNIVERSITY OF IDAHO	KHATTAK, A.	17,725	1,668	-	-	19,392	10,278	-	29,670	VMASC	
533071	* CITY OF VIRGINIA BEACH	KHATTAK, A.	19,596	-	-	8,923	28,519	15,115	-	43,634	VMASC	
715621	* TUNNEL VISION, LLC	KHATTAK, A.	-	-	-	(6,893)	(6,893)	-	-	(6,893)	VMASC	
			<b>118,207</b>	<b>3,878</b>	<b>(1,250)</b>	<b>(1,616)</b>	<b>119,219</b>	<b>59,928</b>	<b>-</b>	<b>179,147</b>	<b>50.27%</b>	
Civil and Environmental Engineering - VCERC: Virginia Coastal Energy Research Consortium												
786682	* ACENT LABORATORIES.	SCHAFFRAN, G.	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC	
			<b>(70)</b>	<b>(217)</b>	<b>-</b>	<b>-</b>	<b>(287)</b>	<b>(75)</b>	<b>-</b>	<b>(362)</b>	<b>25.96%</b>	

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**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Electrical and Computer Engineering												
701031	CREATIVE INFORMATION TECH, INC	ASARI, V.	-	-	-	(23,552)	(23,552)	-	-	(23,552)	TRAD	
527421	UNIVERSITY OF VIRGINIA	BAUMGART, H.	8,738	-	-	1,712	10,450	-	-	10,450	TRAD	
531100	UNIVERSITY OF VIRGINIA	BAUMGART, H.	726	3,459	-	-	4,185	-	-	4,185	TRAD	
700901	JEFFERSON SCIENCE ASSOCIATES	BAUMGART, H.	8,709	-	-	-	8,709	4,355	-	13,064	TRAD	
506651	* EASTERN VIRGINIA MED. SCHOOL	BELFORE, L.	7,037	1,180	-	-	8,216	2,136	-	10,352	TRAD	
104771	NASA-GODDARD SPACEFLIGHT CNTR	CHEN, C.	-	7,358	-	-	7,358	-	-	7,358	TRAD	
525081	UNIVERSITY OF TENNESSEE	CHEN, C.	28,039	14,208	-	-	42,247	22,391	-	64,638	TRAD	
221531	* OFFICE OF NAVAL RESEARCH	CHEN, C.	-	3,510	10,580	-	14,090	-	-	14,090	TRAD	
512401	* UNIVERSITY OF MINNESOTA	DHALI, S.	1,075	1,351	750	-	3,175	1,213	-	4,388	TRAD	
524591	* CENTER INNOVATIVE TECHNOLOGY	DHALI, S.	37,529	15,885	825	15,000	69,238	-	-	69,238	TRAD	
533451	* CENTER INNOVATIVE TECHNOLOGY	DHALI, S.	2,283	-	-	-	2,283	-	-	2,283	TRAD	
724731	* TRABANT SOLAR	DHALI, S.	-	-	110,000	-	110,000	-	-	110,000	TRAD	
722461	* HAMPTON UNIVERSITY	DHALI, S.	983	-	-	-	983	275	-	1,258	TRAD	
734301	* DOMINION RESOURCES SERVICES	DHALI, S.	4,633	8,896	-	-	13,528	7,170	-	20,698	TRAD	
735051	NATL INST AEROSPACE ASSOC	GONZALEZ, O.	8,896	-	-	-	8,896	2,313	-	11,209	TRAD	
325121	US PUBLIC HEALTH SERVICE	IFTEKHARUDDIN, K.	41,078	14,613	-	44,646	100,337	29,516	-	129,853	TRAD	
735831	LAWRENCE LIVERMORE NATL LAB	IFTEKHARUDDIN, K.	7,797	-	-	-	7,797	4,132	-	11,929	TRAD	
726451	* URS CONSULTANTS	IFTEKHARUDDIN, K.	16,488	734	-	-	17,222	9,128	-	26,350	TRAD	
104770	NASA-GODDARD SPACEFLIGHT CNTR	JOSHI, R.	3,750	-	-	-	3,750	-	-	3,750	TRAD	
115201	NASA-LANGLEY RESEARCH CENTER	JOSHI, R.	9,000	-	-	-	9,000	4,500	-	13,500	TRAD	
235481	OFFICE OF NAVAL RESEARCH	JOSHI, R.	6,250	-	-	-	6,250	3,750	-	10,000	TRAD	
517481	NORFOLK STATE UNIVERSITY	JOSHI, R.	26,278	-	-	-	26,278	15,767	-	42,045	TRAD	
326261	* NATL SCIENCE FOUNDATION	JOSHI, R.	1,967	349	-	-	2,316	1,227	-	3,543	TRAD	
310981	NATL SCIENCE FOUNDATION	KRUSIENSKI, D.	68,797	19,708	-	-	88,505	44,252	-	132,757	TRAD	
515471	WADSWORTH CENTER	KRUSIENSKI, D.	76,587	3,089	-	-	79,676	39,838	-	119,514	TRAD	
735131	COVIDIEN SURGICAL SOLUTIONS	LAROUSSI, M.	9,538	440	-	-	9,978	5,289	-	15,267	TRAD	
723421	INTELLIGENT AUTOMATION, INC.	LI, J.	9,534	-	-	-	9,534	5,053	-	14,587	TRAD	
724941	* INTELLIGENT AUTOMATION, INC.	LI, J.	4,198	-	-	40	4,238	2,246	-	6,484	TRAD	
734211	INTELLIGENT AUTOMATION, INC.	LI, J.	1,300	-	-	-	1,300	689	-	1,989	TRAD	
524591	* CENTER INNOVATIVE TECHNOLOGY	MARSILLAC, S.	37,529	15,885	825	15,000	69,238	-	-	69,238	TRAD	
724731	* TRABANT SOLAR	MARSILLAC, S.	-	-	110,000	-	110,000	-	-	110,000	TRAD	
734301	* DOMINION RESOURCES SERVICES	MARSILLAC, S.	6,949	13,343	-	-	20,293	10,755	-	31,048	TRAD	
533451	* CENTER INNOVATIVE TECHNOLOGY	MARSILLAC, S.	2,283	-	-	-	2,283	-	-	2,283	TRAD	
316341	* US DEPT OF ENERGY	NAMKOONG, G.	7,734	3,061	-	8,945	19,740	8,372	-	28,111	TRAD	
104769	NASA-GODDARD SPACEFLIGHT CNTR	POPESCU, D.	5,760	-	-	-	5,760	-	-	5,760	TRAD	
522601	VA SPACE GRANT CONSORTIUM	POPESCU, D.	-	1,034	-	656	1,690	-	-	1,690	TRAD	
306281	* NATL SCIENCE FOUNDATION	SHEN, Y.	3,368	1,374	-	-	4,742	2,371	-	7,112	TRAD	
512401	* UNIVERSITY OF MINNESOTA	XIAO, S.	1,075	1,351	750	-	3,175	1,213	-	4,388	TRAD	
523471	ODU	XIAO, S.	13,815	6,736	5,953	-	26,504	-	-	26,504	TRAD	
534431	UNIVERSITY OF ILLIONIS	XIAO, S.	8,071	3,180	-	-	11,251	5,963	-	17,214	TRAD	
533541	ODU	ZEMLIN, C.	7,518	465	-	-	7,983	-	-	7,983	TRAD	
			485,308	141,207	239,682	62,446	928,643	233,912	-	1,162,556	25.19%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Electrical and Computer Engineering - Applied Research Center												
506411	UNIVERSITY OF VIRGINIA	BAUMGART, H.	18,622	8,723	-	-	27,345	13,673	-	41,018	ARC	
514191	UNIVERSITY OF MARYLAND	BAUMGART, H.	25,826	4,190	-	-	30,016	7,804	-	37,820	ARC	
534421	UNIVERSITY OF VIRGINIA	BAUMGART, H.	5,024	-	-	-	5,024	-	-	5,024	ARC	
715501	MICROXACT, INC.	BAUMGART, H.	6,567	4,501	-	-	11,068	5,534	-	16,602	ARC	
724821	MICROXACT, INC.	BAUMGART, H.	10,617	19,738	24,312	-	54,667	3,241	-	57,908	ARC	
316341	* US DEPT OF ENERGY	BAUMGART, H.	15,468	6,122	-	17,889	39,480	16,743	-	56,223	ARC	
323291	* NATL SCIENCE FOUNDATION	BAUMGART, H.	1,076	24	1,724	-	2,824	583	-	3,407	ARC	
511671	* UNIVERSITY OF TOLEDO	BAUMGART, H.	17	-	-	-	17	10	-	27	ARC	
720561	* TRABANT SOLAR	DHALI, S.	-	-	40,000	-	40,000	-	-	40,000	ARC	
125241	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	1,578	1,690	-	-	3,268	1,732	-	5,000	ARC	
130241	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	93,500	-	-	-	93,500	24,310	-	117,810	ARC	
192131	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	47,307	1,542	-	-	48,849	12,701	-	61,550	ARC	
323291	* NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	8,610	194	13,788	-	22,593	4,666	-	27,259	ARC	
351783	NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4,472	-	-	-	4,472	1,878	-	6,350	ARC	
511671	* UNIVERSITY OF TOLEDO	ELSAYED-ALI, H.	33	-	-	-	33	20	-	53	ARC	
515911	NORFOLK STATE UNIVERSITY	ELSAYED-ALI, H.	3,147	4,290	-	-	7,437	3,719	-	11,156	ARC	
523941	* ODU	ELSAYED-ALI, H.	3,790	466	-	-	4,256	-	-	4,256	ARC	
532101	ELIZABETH CITY STATE UNIVERSIT	ELSAYED-ALI, H.	430	-	-	-	430	228	-	658	ARC	
712335	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	25,210	-	-	-	25,210	-	-	25,210	ARC	
717071	NATL INST AEROSPACE ASSOC	ELSAYED-ALI, H.	-	1,275	-	-	1,275	637	-	1,912	ARC	
724621	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	-	1,040	-	-	1,040	551	-	1,591	ARC	
795261	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	34,883	-	-	-	34,883	17,441	-	52,324	ARC	
316341	* US DEPT OF ENERGY	MARSILLAC, S.	54,138	21,428	-	62,612	138,179	58,601	-	196,779	ARC	
511671	* UNIVERSITY OF TOLEDO	MARSILLAC, S.	267	-	-	-	267	160	-	427	ARC	
513021	UNIVERSITY OF TOLEDO	MARSILLAC, S.	(2,869)	(2,351)	-	-	(5,220)	(3,132)	-	(8,352)	ARC	
520551	UNIVERSITY OF TOLEDO	MARSILLAC, S.	17,786	18,879	23,020	-	59,685	19,432	-	79,117	ARC	
524351	UNIVERSITY OF ILLIONIS	MARSILLAC, S.	41,113	30,763	-	-	71,876	38,094	-	109,970	ARC	
720561	* TRABANT SOLAR	MARSILLAC, S.	-	-	120,000	-	120,000	-	-	120,000	ARC	
704711	CERMET, INC.	NAMKOONG, G.	4,810	1,510	-	-	6,320	3,160	-	9,480	ARC	
720071	GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	-	-	-	2,023	2,023	425	-	2,448	ARC	
723611	GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	5,011	2,273	-	-	7,284	1,530	-	8,814	ARC	
323291	* NATL SCIENCE FOUNDATION	NAMKOONG, G.	1,076	24	1,724	-	2,824	583	-	3,407	ARC	
511671	* UNIVERSITY OF TOLEDO	NAMKOONG, G.	17	-	-	-	17	10	-	27	ARC	
720561	* TRABANT SOLAR	NAMKOONG, G.	-	-	40,000	-	40,000	-	-	40,000	ARC	
			427,527	126,323	264,567	82,524	900,941	234,335	-	1,135,276	26.01%	



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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Electrical and Computer Engineering - Center for Bioelectronics												
294811	* ARMY MED RES COMMAND	KOLB, J.	4,073	1,388	-	1,270	6,731	3,277	-	10,008	CBE	
213941	* ARMY MED RES COMMAND	KOLB, J.	31,002	6,596	743	-	38,341	21,375	-	59,716	CBE	
382011	* US PUBLIC HEALTH SERVICE	KOLB, J.	5,386	1,416	-	130	6,933	2,857	-	9,790	CBE	
294811	* ARMY MED RES COMMAND	SCHOENBACH, K.	4,073	1,388	-	1,270	6,731	3,277	-	10,008	CBE	
382011	* US PUBLIC HEALTH SERVICE	SCHOENBACH, K.	5,386	1,416	-	130	6,933	2,857	-	9,790	CBE	
533501	* CENTER INNOVATIVE TECHNOLOGY	SCHOENBACH, K.	202	-	-	-	202	61	-	262	CBE	
786306	* GENERAL DYNAMICS	SCHOENBACH, K.	30,363	3,122	6,619	-	40,104	16,742	-	56,846	CBE	
206901	* OFFICE OF NAVAL RESEARCH	XIAO, S.	(11,231)	(1,898)	(3,335)	1,491	(14,972)	(6,564)	-	(21,536)	CBE	
302401	* US PUBLIC HEALTH SERVICE	XIAO, S.	21,395	3,894	7,525	-	32,814	12,644	-	45,458	CBE	
786306	* GENERAL DYNAMICS	XIAO, S.	70,846	7,286	15,443	-	93,575	39,066	-	132,641	CBE	
714131	AMERICAN HEART ASSOCIATION	ZEMLIN, C.	10,195	516	-	3,702	14,413	1,425	-	15,838	CBE	
736891	LIFENET TRANSPLANT SERVICES	ZEMLIN, C.	4,473	-	-	-	4,473	2,370	-	6,843	CBE	
			176,163	25,125	26,995	7,994	236,277	99,386	-	335,663	42.06%	

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				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Mechanical & Aerospace Engineering												
565411	ODU	ALBERTS, A.	10,443	82	-	-	10,525	-	-	10,525		TRAD
731401	SCIENCE APPLICATIONS INTL CORP	ALBERTS, T.	17,125	4,269	-	-	21,394	11,339	-	32,733		TRAD
771072	MAGNE MOTION, INC	ALBERTS, T.	29,804	1,241	-	-	31,045	15,523	-	46,568		TRAD
502534	* UNIV MICH DEPT NAT RESOURCES	BAO, H.	1,309	200	-	-	1,509	800	-	2,309		TRAD
391471	* NATL SCIENCE FOUNDATION	BAO, H.	6,744	6,526	-	18,149	31,419	6,635	-	38,054		TRAD
502533	* UNIV MICH DEPT NAT RESOURCES	BAO, H.	6,761	498	293	-	7,552	3,847	-	11,399		TRAD
710552	* CHILDRENÆS SURGICAL SPEC GROUP	BAWAB, S.	10,370	447	4,946	-	15,764	5,733	-	21,497		TRAD
523501	* ODU	BAWAB, S.	1,657	3,000	-	74	4,731	-	-	4,731		TRAD
710551	* CHILDRENÆS SURGICAL SPEC GROUP	BAWAB, S.	150	26	-	-	176	88	-	264		TRAD
395121	NATL SCIENCE FOUNDATION	BESKOK, A.	35,423	-	-	-	35,423	17,711	-	53,134		TRAD
396511	* NATL SCIENCE FOUNDATION	BESKOK, A.	336	189	-	-	525	263	-	788		TRAD
727321	NATL INST AEROSPACE ASSOC	BRITCHER, C.	38,104	-	-	-	38,104	9,907	-	48,011		TRAD
734881	NATL INST AEROSPACE ASSOC	BRITCHER, C.	-	3,612	-	-	3,612	-	-	3,612		TRAD
784682	NATL INST AEROSPACE ASSOC	BRITCHER, C.	4,373	1,917	-	-	6,290	1,635	-	7,925		TRAD
784690	NATL INST AEROSPACE ASSOC	BRITCHER, C.	21,215	-	-	-	21,215	5,516	-	26,731		TRAD
306021	* NATL SCIENCE FOUNDATION	CHATURVEDI, S.	11,451	1,503	-	77	13,030	6,477	-	19,507		TRAD
731271	LMI	CREEDON, J.	22,943	3,056	-	126	26,125	13,846	-	39,971		TRAD
733861	* LMI	CREEDON, J.	32,361	4,428	-	-	36,789	19,498	-	56,287		TRAD
784683	* NATL INST AEROSPACE ASSOC	CREEDON, J.	39,838	3,149	-	-	42,987	21,493	-	64,480		TRAD
704831	CHILDREN HOSPITAL-KING'S DAUGH	DEMUREN, A.	1,885	868	-	3,055	5,808	-	-	5,808		TRAD
383991	* NATL SCIENCE FOUNDATION	HAO, J.	17,996	3,328	4,200	-	25,524	8,956	-	34,480		TRAD
396511	* NATL SCIENCE FOUNDATION	HAO, J.	336	189	-	-	525	263	-	788		TRAD
221531	* OFFICE OF NAVAL RESEARCH	HOU, G.	-	4,680	14,106	-	18,787	-	-	18,787		TRAD
326261	* NATL SCIENCE FOUNDATION	HOU, G.	1,967	349	-	-	2,316	1,227	-	3,543		TRAD
502534	* UNIV MICH DEPT NAT RESOURCES	HOU, G.	1,309	200	-	-	1,509	800	-	2,309		TRAD
725319	ODU	HOU, G.	-	8,488	-	5,480	13,968	3,632	-	17,600		TRAD
383991	* NATL SCIENCE FOUNDATION	HOU, G.	7,713	1,426	1,800	-	10,939	3,838	-	14,777		TRAD
502533	* UNIV MICH DEPT NAT RESOURCES	HOU, G.	6,767	498	294	-	7,559	3,850	-	11,409		TRAD
722461	* HAMPTON UNIVERSITY	HOU, G.	786	-	-	-	786	220	-	1,006		TRAD
221531	* OFFICE OF NAVAL RESEARCH	HUANG, J.	-	3,510	10,580	-	14,090	-	-	14,090		TRAD

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
706711	BOSTON SCIENTIFIC CORPORATION	KNISLEY, S.	-	-	-	-	-	-	-	-	-	TRAD
710551	* CHILDREN'S SURGICAL SPEC GROUP	KNISLEY, S.	150	26	-	-	176	88	-	264	-	TRAD
502533	* UNIV MICH DEPT NAT RESOURCES	KOTINIS, M.	6,767	498	294	-	7,559	3,850	-	11,409	-	TRAD
502534	* UNIV MICH DEPT NAT RESOURCES	KOTINIS, M.	1,309	200	-	-	1,509	800	-	2,309	-	TRAD
221681	NAVAL AIR WARFARE CENTER TSD	LANDMAN, D.	17,641	393	-	-	18,034	5,771	-	23,805	-	TRAD
522231	UNIVERSITY OF TENNESSEE	LANDMAN, D.	7,102	2,935	-	-	10,037	2,609	-	12,646	-	TRAD
735421	NATL INST AEROSPACE ASSOC	LANDMAN, D.	11,320	-	-	-	11,320	2,943	-	14,263	-	TRAD
784687	NATL INST AEROSPACE ASSOC	LANDMAN, D.	3,485	-	-	-	3,485	906	-	4,391	-	TRAD
784688	NATL INST AEROSPACE ASSOC	LANDMAN, D.	25,231	-	-	-	25,231	6,560	-	31,791	-	TRAD
502533	* UNIV MICH DEPT NAT RESOURCES	LANDMAN, D.	5,799	427	252	-	6,477	3,299	-	9,776	-	TRAD
784689	* NATL INST AEROSPACE ASSOC	LANDMAN, D.	9,420	265	-	-	9,685	2,325	-	12,009	-	TRAD
306021	* NATL SCIENCE FOUNDATION	PRABHAKARAN, R.	6,062	796	-	41	6,898	3,429	-	10,327	-	TRAD
396511	* NATL SCIENCE FOUNDATION	QIAN, S.	336	189	-	-	525	263	-	788	-	TRAD
711601	YEUNGNAM UNIVERSITY	QIAN, S.	5,478	-	-	40	5,518	-	-	5,518	-	TRAD
523501	* ODU	RINGLEB, S.	1,657	3,000	-	74	4,731	-	-	4,731	-	TRAD
702971	* ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	11,689	219	-	3,554	15,463	5,955	-	21,417	-	TRAD
722871	INTL SOCIETY OF BIOMECHANICS	RINGLEB, S.	-	2,089	-	-	2,089	-	-	2,089	-	TRAD
723111	AMERICAN SOCIETY BIOMECHANICS	RINGLEB, S.	-	1,823	-	-	1,823	-	-	1,823	-	TRAD
786782	* ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	2,007	2,551	-	40	4,598	2,279	-	6,877	-	TRAD
			444,618	73,091	36,765	30,708	585,181	204,173	-	789,354	34.89%	
Mechanical & Aerospace Engineering - Applied Research Center												
712332	JEFFERSON SCIENCE ASSOCIATES	ELMUSTAFA, A.	48,271	-	-	-	48,271	-	-	48,271	-	ARC
			48,271	-	-	-	48,271	-	-	48,271	0.00%	
Mechanical & Aerospace Engineering - VMASC: Virginia Modeling & Simulation Center												
702971	* ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	5,010	94	-	1,523	6,627	2,552	-	9,179	-	VMASC
			5,010	94	-	1,523	6,627	2,552	-	9,179	38.51%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Engineering Technology												
104767	NASA-GODDARD SPACEFLIGHT CNTR	BONDI, S.	2,120	2,438	-	-	4,558	-	-	4,558	TRAD	
707281	* ODU	BONDI, S.	-	-	-	136	136	-	-	136	TRAD	
502533	* UNIV MICH DEPT NAT RESOURCES	DEAN, A.	6,767	498	294	-	7,559	3,850	-	11,409	TRAD	
500941	VA TECH	FLORY, I.	356	-	-	-	356	93	-	449	TRAD	
311641	* NATL SCIENCE FOUNDATION	HSIUNG, S.	5,859	14,941	-	22,825	43,625	21,813	-	65,437	TRAD	
311641	* NATL SCIENCE FOUNDATION	JONES, R.	2,930	7,470	-	11,413	21,812	10,906	-	32,719	TRAD	
522941	* LONGWOOD UNIVERSITY	LAWRENCE, R.	12,083	2,940	-	9,504	24,527	1,202	-	25,729	TRAD	
536001	* LONGWOOD UNIVERSITY	LAWRENCE, R.	-	-	-	30	30	-	-	30	TRAD	
726451	* URS CONSULTANTS	LAWRENCE, R.	16,488	734	-	-	17,222	9,128	-	26,350	TRAD	
722461	* HAMPTON UNIVERSITY	LUETKE, N.	786	-	-	-	786	220	-	1,006	TRAD	
502534	* UNIV MICH DEPT NAT RESOURCES	MICHAELI, J.	1,309	200	-	-	1,509	800	-	2,309	TRAD	
712334	JEFFERSON SCIENCE ASSOCIATES	TOMOVIC, M.	25,224	-	-	-	25,224	-	-	25,224	TRAD	
384721	* NATL SCIENCE FOUNDATION	VERMA, A.	11,105	12,936	-	37,976	62,016	10,097	-	72,113	TRAD	
391471	* NATL SCIENCE FOUNDATION	VERMA, A.	16,377	15,850	-	44,076	76,303	16,113	-	92,416	TRAD	
502533	* UNIV MICH DEPT NAT RESOURCES	VERMA, A.	6,767	498	294	-	7,559	3,850	-	11,409	TRAD	
522941	* LONGWOOD UNIVERSITY	VERMA, A.	12,083	2,940	-	9,504	24,527	1,202	-	25,729	TRAD	
536001	* LONGWOOD UNIVERSITY	VERMA, A.	-	-	-	120	120	-	-	120	TRAD	
720861	COSMO SOFTWARE, INC.	WALK, S.	-	-	-	2,000	2,000	1,060	-	3,060	TRAD	
730521	COSMO SOFTWARE, INC.	WALK, S.	27,209	-	-	-	27,209	14,421	-	41,630	TRAD	
730771	* WORLD TECH INTERNATIONAL, LLC	WALK, S.	728	-	-	-	728	-	-	728	TRAD	
502533	* UNIV MICH DEPT NAT RESOURCES	WALK, S.	6,761	498	293	-	7,552	3,847	-	11,399	TRAD	
			<b>154,950</b>	<b>61,942</b>	<b>881</b>	<b>137,583</b>	<b>355,356</b>	<b>98,603</b>	<b>-</b>	<b>453,958</b>	<b>27.75%</b>	
Engineering Technology - Applied Research Center												
704661	NATL INST AEROSPACE ASSOC	LAWRENCE, R.	2,353	-	-	-	2,353	1,177	-	3,530	ARC	
784686	NATL INST AEROSPACE ASSOC	LAWRENCE, R.	55,136	612	-	-	55,748	14,495	-	70,243	ARC	
			<b>57,489</b>	<b>612</b>	<b>-</b>	<b>-</b>	<b>58,101</b>	<b>15,672</b>	<b>-</b>	<b>73,773</b>	<b>26.97%</b>	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
<b>Engineering Management</b>												
727331	LEONARD WOOD INSTITUTE	HANDLEY, H.	36,002	358	-	-	36,360	19,271	-	55,631	TRAD	
733021	ALION SCIENCE & TECHNOLOGY COR	HANDLEY, H.	29,811	335	-	-	30,146	15,977	-	46,123	TRAD	
386221	* US DEPT HOMELAND SECURITY	KOVACIC, S.	20,923	138	-	-	21,062	8,846	-	29,908	TRAD	
725661	VIRGINIA NATURAL GAS	PAZOS-LAGO, M.	14,173	-	-	-	14,173	3,827	-	18,000	TRAD	
320541	NATL SCIENCE FOUNDATION	PINTO, A.	5,122	3,326	-	-	8,448	2,196	-	10,644	TRAD	
522771	* VA INST OF MARINE SCIENCE	PINTO, A.	2,380	1,292	-	-	3,672	1,946	-	5,618	TRAD	
726491	* SPENCER FOUNDATION	PINTO, C.	5,854	-	-	-	5,854	586	-	6,440	TRAD	
703391	QATAR UNIVERSITY	RABADI, G.	7,238	16,268	-	-	23,506	4,701	-	28,207	TRAD	
386221	* US DEPT HOMELAND SECURITY	SOUSA-POZA, A.	20,923	138	-	-	21,062	8,846	-	29,908	TRAD	
206401	* MODELING & SIMULATION CO OFF	TOLK, A.	2,223	168	-	688	3,079	837	-	3,916	TRAD	
282016	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	358	-	-	-	358	150	-	509	TRAD	
282017	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	8,854	857	-	-	9,711	4,079	-	13,789	TRAD	
282020	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	34,180	1,185	2,541	-	37,906	14,854	-	52,761	TRAD	
			188,041	24,066	2,541	688	215,337	86,116	-	301,453	39.99%	
<b>Engineering Management - VMASC: Virginia Modeling &amp; Simulation Center</b>												
282016	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	358	-	-	-	358	150	-	509	VMASC	
282017	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	8,854	857	-	-	9,711	4,079	-	13,789	VMASC	
			9,212	857	-	-	10,069	4,229	-	14,298	42.00%	
<b>Engineering Management - NCSOSE</b>												
207032	* SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	-	-	-	605	605	264	-	869	NCSOSE	
226761	SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	13,059	6,670	-	497	20,226	4,631	-	24,857	NCSOSE	
726451	* URS CONSULTANTS	ADAMS, K.	32,976	1,469	-	-	34,445	18,256	-	52,700	NCSOSE	
727371	* NORTHROP GRUMMAN	BRADLEY, J.	16,156	-	-	4,385	20,541	5,959	-	26,500	NCSOSE	
727461	URS CONSULTANTS	BRADLEY, J.	113,352	915	-	-	114,267	29,709	-	143,976	NCSOSE	
732581	SPATIAL INTEGRATED SYSTEMS	BRADLEY, J.	14,119	1,682	-	-	15,801	4,108	-	19,909	NCSOSE	
301491	* US DEPT HOMELAND SECURITY	HESTER, P.	216,342	155,284	-	-	371,626	185,813	-	557,439	NCSOSE	
100710	PRIVATE SPONSORS	KEATING, C.	-	114	-	-	114	-	-	114	NCSOSE	
207032	* SPACE AND NAVAL WARFARE SYSTEM	KEATING, C.	-	-	-	46	46	20	-	65	NCSOSE	
301491	* US DEPT HOMELAND SECURITY	KEATING, C.	38,178	27,403	-	-	65,581	32,791	-	98,372	NCSOSE	
386221	* US DEPT HOMELAND SECURITY	KEATING, C.	10,462	69	-	-	10,531	4,423	-	14,954	NCSOSE	
			454,644	193,606	-	5,532	653,781	285,974	-	939,755	43.74%	
<b>Engineering Career Management Center</b>												
525991	NASA-GODDARD SPACEFLIGHT CNTR	FORBES, B.	8,650	-	-	-	8,650	-	-	8,650	ARC	
			8,650	-	-	-	8,650	-	-	8,650	0.00%	

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**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Modeling, Simulation & Visualization												
306021	* NATL SCIENCE FOUNDATION	MCKENZIE, F.	6,062	796	-	41	6,898	3,429	-	10,327	TRAD	
523521	* ODU	MCKENZIE, F.	707	61	-	814	1,582	-	-	1,582	TRAD	
710551	* CHILDRENÆS SURGICAL SPEC GROUP	MCKENZIE, F.	1,198	210	-	-	1,408	704	-	2,112	TRAD	
710552	* CHILDRENÆS SURGICAL SPEC GROUP	MCKENZIE, F.	58,766	2,535	28,029	-	89,329	32,489	-	121,818	TRAD	
710553	CHILDRENÆS SURGICAL SPEC GROUP	MCKENZIE, F.	-	793	2,861	-	3,654	-	-	3,654	TRAD	
724941	* INTELLIGENT AUTOMATION, INC.	MCKENZIE, F.	2,799	-	-	26	2,825	1,497	-	4,322	TRAD	
521703	UNIVERSITY OF IDAHO	NG, M.	13,072	-	-	-	13,072	6,928	-	20,000	TRAD	
533011	UNIVERSITY OF VIRGINIA	NG, M.	14,881	-	-	-	14,881	-	-	14,881	TRAD	
514421	* VA DEPT OF TRANSPORTATION	NG, M.	18,645	127	-	-	18,772	1,877	-	20,649	TRAD	
730771	* WORLD TECH INTERNATIONAL, LLC	SHEN, Y.	706	-	-	-	706	-	-	706	TRAD	
527051	IOWA STATE UNIVERSITY	SOSONKINA, M.	9,901	-	-	-	9,901	5,247	-	15,148	TRAD	
527611	IOWA STATE UNIVERSITY	SOSONKINA, M.	4,019	-	-	-	4,019	2,130	-	6,149	TRAD	
532161	IOWA STATE UNIVERSITY	SOSONKINA, M.	3,684	-	-	-	3,684	1,952	-	5,636	TRAD	
			134,438	4,522	30,890	881	170,731	56,253	-	226,984	32.95%	
Virginia Commercial Space Flight Authority - VMASC												
716521	* WR SYSTEMS LTD	LEATHRUM, J.	34,766	612	-	-	35,378	18,750	-	54,129	VMASC	
716522	* WR SYSTEMS LTD	LEATHRUM, J.	465	-	-	-	465	247	-	712	VMASC	
716521	* WR SYSTEMS LTD	MIELKE, R.	34,766	612	-	-	35,378	18,750	-	54,129	VMASC	
716522	* WR SYSTEMS LTD	MIELKE, R.	310	-	-	-	310	164	-	475	VMASC	
726291	* OPPORTUNITY, INC.	MIELKE, R.	2,201	437	-	57	2,694	264	-	2,958	VMASC	
523521	* ODU	SHEN, Y.	707	61	-	814	1,582	-	-	1,582	VMASC	
100700	NO AGENCY ASSIGNED	SOKOLOWSKI, J.	1,341	36,604	-	-	37,945	-	-	37,945	VMASC	
206401	* MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	2,223	168	-	688	3,079	837	-	3,916	VMASC	
222321	OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	153,197	-	-	-	153,197	15,320	-	168,517	VMASC	
223101	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	184,744	-	-	-	184,744	18,474	-	203,218	VMASC	
225941	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	-	-	484	484	141	-	625	VMASC	
225951	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	5,485	-	54	5,539	1,607	-	7,146	VMASC	
227471	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	10,047	-	-	10,047	2,914	-	12,961	VMASC	
232441	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	68,400	4,232	-	-	72,632	7,263	-	79,895	VMASC	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
282004	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	(3,282)	-	-	(3,282)	(1,149)	-	(4,431)	VMASC	
282019	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	87,423	29,132	-	-	116,555	48,953	-	165,508	VMASC	
282021	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	1,013	-	-	1,013	355	-	1,368	VMASC	
285512	NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	51,643	849	-	-	52,492	13,648	-	66,140	VMASC	
285513	NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	630,056	2,649	-	-	632,705	164,503	-	797,208	VMASC	
286014	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	-	-	(81)	(81)	(28)	-	(109)	VMASC	
286027	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	35,041	-	-	-	35,041	12,264	-	47,305	VMASC	
286028	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	35,778	509	-	-	36,287	12,700	-	48,987	VMASC	
286029	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	2,844	-	-	9,555	12,399	4,340	-	16,739	VMASC	
286030	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	3,474	-	-	-	3,474	1,216	-	4,690	VMASC	
286031	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	48,731	-	-	-	48,731	17,056	-	65,787	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	-	-	-	-	-	-	-	VMASC	
286033	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	88,365	-	-	-	88,365	30,928	-	119,293	VMASC	
286034	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	115,599	1,359	-	-	116,958	40,935	-	157,893	VMASC	
286035	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	5,652	14,540	-	-	20,192	7,067	-	27,259	VMASC	
291422	U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	46,899	-	-	-	46,899	4,690	-	51,589	VMASC	
296261	OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	173,123	-	-	-	173,123	5,194	-	178,317	VMASC	
296812	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	176,682	-	-	-	176,682	17,668	-	194,350	VMASC	
513451	HAMPTON ROADS PARTNERSHIP	SOKOLOWSKI, J.	34,711	-	-	-	34,711	-	-	34,711	VMASC	
520461	ODU	SOKOLOWSKI, J.	1,487	-	-	5,819	7,306	-	-	7,306	VMASC	
531741	ODU	SOKOLOWSKI, J.	-	-	-	22,415	22,415	11,880	-	34,295	VMASC	
531742	* ODU	SOKOLOWSKI, J.	4,816	75	415	-	5,306	-	-	5,306	VMASC	
531743	* ODU	SOKOLOWSKI, J.	22,331	-	-	-	22,331	-	-	22,331	VMASC	
533561	* ODU	SOSONKINA, M.	5,821	-	-	-	5,821	-	-	5,821	VMASC	
			2,053,596	105,102	415	39,805	2,198,919	476,951	-	2,675,870	21.69%	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Virginia Commercial Space Flight Authority												
184601	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	-	-	-	1,661	1,661	166	-	1,827	VCSFA	
184603	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	-	-	-	591,424	591,424	-	-	591,424	VCSFA	
184606	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	18,285	3,835	-	23,211	45,331	20,940	-	66,271	VCSFA	
184607	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	-	53	-	8,581	8,634	1,099	-	9,733	VCSFA	
184608	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	6,300	-	-	21,826	28,126	3,150	-	31,276	VCSFA	
184609	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	2,895	-	-	93,794	96,689	13,948	-	110,637	VCSFA	
184610	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	4,934	-	-	5,306	10,240	5,120	-	15,360	VCSFA	
184611	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	-	-	-	31,961	31,961	12,500	-	44,461	VCSFA	
184612	NASA-GODDARD SPACEFLIGHT CNTR	NASH, D.	-	-	-	110,761	110,761	12,500	-	123,261	VCSFA	
502002	VA GENERAL ASSEMBLY	NASH, D.	-	-	-	67,049	67,049	-	-	67,049	VCSFA	
502004	VA GENERAL ASSEMBLY	NASH, D.	-	-	-	3,413	3,413	-	-	3,413	VCSFA	
502007	VA GENERAL ASSEMBLY	NASH, D.	-	-	-	7,579	7,579	-	-	7,579	VCSFA	
503001	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	(116,453)	(116,453)	10,001	-	(106,452)	VCSFA	
503002	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	34,244	34,244	-	-	34,244	VCSFA	
503004	ORBITAL SCIENCE CORP	NASH, D.	-	120,162	-	3,838,902	3,959,064	60,081	-	4,019,145	VCSFA	
503005	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	481,154	481,154	33,766	-	514,920	VCSFA	
503006	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	4,403,708	4,403,708	-	-	4,403,708	VCSFA	
503007	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	24,349	24,349	7,322	-	31,671	VCSFA	
503010	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	497,631	497,631	-	-	497,631	VCSFA	
503012	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	10,209	10,209	-	-	10,209	VCSFA	
503013	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	500,000	500,000	-	-	500,000	VCSFA	
521761	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	25,699	25,699	-	-	25,699	VCSFA	
521781	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	31,114	31,114	-	-	31,114	VCSFA	
530093	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	4,981,193	4,981,193	-	-	4,981,193	VCSFA	
530094	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	4,935,529	4,935,529	-	-	4,935,529	VCSFA	
530095	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	4,968,092	4,968,092	-	-	4,968,092	VCSFA	
531101	VA DEPT OF TRANSPORTATION	NASH, D.	-	-	-	611,175	611,175	-	-	611,175	VCSFA	
571686	VA DEPT OF TRANSPORTATION	NASH, D.	1,417,674	642,067	18,523	36,582	2,114,846	-	-	2,114,846	VCSFA	
706221	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	(1,688,666)	(1,688,666)	-	-	(1,688,666)	VCSFA	
706223	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	575,244	575,244	-	-	575,244	VCSFA	
706224	ORBITAL SCIENCE CORP	NASH, D.	-	-	-	156,872	156,872	-	-	156,872	VCSFA	
502001	VA GENERAL ASSEMBLY	REED, B.	-	-	-	(3)	(3)	-	-	(3)	VCSFA	
571685	VA DEPT OF TRANSPORTATION	REED, B.	20,909	20,002	-	120,962	161,873	-	-	161,873	VCSFA	
			<b>1,470,997</b>	<b>786,119</b>	<b>18,523</b>	<b>25,394,103</b>	<b>27,669,742</b>	<b>180,593</b>	<b>-</b>	<b>27,850,335</b>	<b>0.65%</b>	
Virginia Space Flight Academy												
711202	PRIVATE SPONSORS	WOODHAMS, W.	-	42,000	-	-	42,000	-	-	42,000	VSFAl	
711213	PRIVATE SPONSORS	WOODHAMS, W.	-	14,576	-	-	14,576	-	-	14,576	VSFAl	
			<b>-</b>	<b>56,576</b>	<b>-</b>	<b>-</b>	<b>56,576</b>	<b>-</b>	<b>-</b>	<b>56,576</b>	<b>0.00%</b>	
Mid-Atlantic Institute for Space and Technology												
722221	JR ACHIEVEMENT EASTERN SHORE	SKOUZES, F.	-	-	-	2,974	2,974	-	-	2,974	MIST	
			<b>-</b>	<b>-</b>	<b>-</b>	<b>2,974</b>	<b>2,974</b>	<b>-</b>	<b>-</b>	<b>2,974</b>	<b>0.00%</b>	
<b>TOTAL ENGINEERING</b>			<b>\$ 6,503,225</b>	<b>\$ 1,632,734</b>	<b>\$ 619,551</b>	<b>\$ 25,754,379</b>	<b>\$ 34,509,889</b>	<b>\$ 2,130,311</b>	<b>\$ -</b>	<b>\$ 36,640,200</b>	<b>6.17%</b>	



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**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST				PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>HEALTH SCIENCES</b>												
Community & Environmental Health												
731391	CAZADOR, LLC	BECKER, S.	122,701	2,340	-	-	125,041	37,512	-	162,553	TRAD	
313971	CENTERS FOR DISEASE CONTROL	BLANDO, J.	43,396	1,339	-	-	44,735	22,367	-	67,102	TRAD	
782961	* MARYMOUNT UNIVERSITY	GAFF, H.	196	-	-	-	196	82	-	278	TRAD	
784683	* NATL INST AEROSPACE ASSOC	GAFF, H.	4,426	350	-	-	4,776	2,388	-	7,164	TRAD	
395071	US PUBLIC HEALTH SERVICE	JENG, A.	2,385	33	-	3,586	6,004	3,002	-	9,006	TRAD	
396531	US PUBLIC HEALTH SERVICE	JENG, A.	7,171	8,471	-	19,447	35,089	14,719	-	49,808	TRAD	
714821	MOTON COMMUNITY HOUSE	JENG, A.	4,216	559	-	-	4,775	2,388	-	7,163	TRAD	
396311	* US PUBLIC HEALTH SERVICE	NEFF, J.	27,901	1,586	-	(20)	29,467	14,744	-	44,210	TRAD	
311871	* US PUBLIC HEALTH SERVICE	RUDATSIKIRA, E.	3,388	146	-	326	3,859	2,045	-	5,905	TRAD	
311871	* US PUBLIC HEALTH SERVICE	SZKLO-COXE, M.	3,388	146	-	326	3,859	2,045	-	5,905	TRAD	
305121	US DEPT OF AGRICULTURE	ZHANG, H.	34,005	1,551	-	18,575	54,131	4,234	-	58,365	TRAD	
704721	JOHNS-HOPKINS UNIV	ZHANG, H.	-	6,110	-	-	6,110	3,055	-	9,165	TRAD	
311871	* US PUBLIC HEALTH SERVICE	ZHANG, H.	3,388	146	-	326	3,859	2,045	-	5,905	TRAD	
714311	* UNIV OF KENTUCKY RESEARCH FNDN	ZHANG, H.	11,883	2,802	-	3,542	18,228	1,822	-	20,050	TRAD	
			268,444	25,579	-	46,107	340,130	112,449	-	452,579	33.06%	
Dental Hygiene												
396311	* US PUBLIC HEALTH SERVICE	DARBY, D.	13,951	793	-	(10)	14,733	7,372	-	22,105	TRAD	
712661	* AMERICAN DENTAL HYGIENE ASSOC.	LEMASTER, M.	-	47	-	-	47	-	-	47	TRAD	
713991	* AMERICAN DENTAL HYGIENE ASSOC.	LEMASTER, M.	-	2,977	-	26	3,003	-	-	3,003	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	LEMASTER, M.	22,232	982	448	-	23,662	1,857	-	25,519	TRAD	
721811	MIS IMPLANTS TECHNOLOGIES, INC	MCCOMBS, G.	27,339	194	-	-	27,533	7,159	-	34,692	TRAD	
713991	* AMERICAN DENTAL HYGIENE ASSOC.	NEWCOMB, T.	-	1,985	-	17	2,002	-	-	2,002	TRAD	
712661	* AMERICAN DENTAL HYGIENE ASSOC.	STULL, S.	-	31	-	-	31	-	-	31	TRAD	
			63,522	7,009	448	33	71,011	16,388	-	87,399	23.08%	
Nursing												
325151	US DEPT HLTH/HUMAN SERV	APATOV, N.	-	-	-	9,303	9,303	-	-	9,303	TRAD	
392421	* US DEPT HLTH/HUMAN SERV	BENJAMIN, R.	549	-	-	-	549	44	-	592	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	FOWLER, C.	44,464	1,963	896	-	47,324	3,714	-	51,038	TRAD	
325831	* US DEPT HLTH/HUMAN SERV	KARLOWICZ, K.	-	-	-	173,664	173,664	-	-	173,664	TRAD	
392421	* US DEPT HLTH/HUMAN SERV	KARLOWICZ, K.	686	-	-	-	686	55	-	741	TRAD	
392421	* US DEPT HLTH/HUMAN SERV	LEE, A.	823	-	-	-	823	66	-	889	TRAD	
392421	* US DEPT HLTH/HUMAN SERV	PALMER, K.	686	-	-	-	686	55	-	741	TRAD	
310301	* US DEPT HLTH/HUMAN SERV	RENAUD, M.	76,622	9,956	-	5,400	91,977	7,358	-	99,336	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	RENAUD, M.	44,464	1,963	896	-	47,324	3,714	-	51,038	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	RUTLEDGE, C.	55,580	2,454	1,120	-	59,155	4,643	-	63,798	TRAD	
325831	* US DEPT HLTH/HUMAN SERV	RUTLEDGE, C.	-	-	-	173,664	173,664	-	-	173,664	TRAD	
310301	* US DEPT HLTH/HUMAN SERV	RUTLEDGE, C.	17,027	2,212	-	1,200	20,439	1,635	-	22,075	TRAD	
310301	* US DEPT HLTH/HUMAN SERV	SHEPHERD, L.	76,622	9,956	-	5,400	91,977	7,358	-	99,336	TRAD	
			317,522	28,505	2,913	368,631	717,570	28,642	-	746,213	3.99%	

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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
<b>Medical Laboratory and Radiation Sciences - Center for Bioelectronics</b>												
213941	* ARMY MED RES COMMAND	HELLER, L.	31,002	6,596	743	-	38,341	21,375	-	59,716	CBE	
294811	* ARMY MED RES COMMAND	HELLER, L.	4,073	1,388	-	1,270	6,731	3,277	-	10,008	CBE	
213941	* ARMY MED RES COMMAND	HELLER, R.	31,002	6,596	743	-	38,341	21,375	-	59,716	CBE	
294811	* ARMY MED RES COMMAND	HELLER, R.	4,887	1,666	-	1,524	8,077	3,932	-	12,009	CBE	
391061	US PUBLIC HEALTH SERVICE	HELLER, R.	124,225	35,181	-	-	159,406	79,703	-	239,109	CBE	
391091	US PUBLIC HEALTH SERVICE	HELLER, R.	171,418	134,337	-	-	305,755	152,878	-	458,633	CBE	
522541	* CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	4,820	1,967	-	-	6,787	-	-	6,787	CBE	
522551	* CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	13,634	5,308	-	-	18,943	-	-	18,943	CBE	
531051	ODU	HELLER, R.	-	-	74,401	-	74,401	-	-	74,401	CBE	
533501	* CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	202	-	-	-	202	61	-	262	CBE	
712451	VANDALIA RESEARCH, INC.	HELLER, R.	48,440	2,733	-	-	51,173	30,703	-	81,876	CBE	
716351	GENERAL ELECTRIC GLOBAL RESCH	HELLER, R.	-	5,096	4,104	-	9,200	-	-	9,200	CBE	
734461	ONCOSEC MEDICAL, INC.	HELLER, R.	2,015	3,487	-	-	5,502	2,916	-	8,418	CBE	
			<b>435,718</b>	<b>204,357</b>	<b>79,990</b>	<b>2,794</b>	<b>722,859</b>	<b>316,219</b>	<b>-</b>	<b>1,039,078</b>	<b>43.75%</b>	
<b>Physical Therapy</b>												
731181	MID ATLANTIC TRAINERS' ASSOC	HOCH, M.	-	1,206	-	-	1,206	-	-	1,206	TRAD	
325631	* US DEPT HLTH/HUMAN SERV	KOTT, K.	33,348	1,473	672	-	35,493	2,786	-	38,279	TRAD	
710722	HAMPTON UNIVERSITY	KOTT, K.	2,232	-	-	-	2,232	179	-	2,411	TRAD	
510191	* EASTERN VIRGINIA MED. SCHOOL	MORRISON, S.	15,926	3,861	-	-	19,786	10,487	-	30,273	TRAD	
515281	EASTERN VIRGINIA MED. SCHOOL	MORRISON, S.	17,642	2,393	-	-	20,035	5,610	-	25,645	TRAD	
717221	* AMERICAN DIABETES ASSOCIATION	MORRISON, S.	13,477	6,044	-	17,992	37,513	5,178	-	42,691	TRAD	
702971	* ADV ANTI-TERROR TECHNOLOGIES	MORRISON, S.	8,350	157	-	2,539	11,045	4,253	-	15,298	TRAD	
			<b>90,974</b>	<b>15,133</b>	<b>672</b>	<b>20,530</b>	<b>127,309</b>	<b>28,492</b>	<b>-</b>	<b>155,802</b>	<b>22.38%</b>	
<b>TOTAL HEALTH SCIENCES</b>			<b>\$ 1,176,178</b>	<b>\$ 280,582</b>	<b>\$ 84,023</b>	<b>\$ 438,096</b>	<b>\$ 1,978,880</b>	<b>\$ 502,190</b>	<b>\$ -</b>	<b>\$ 2,481,070</b>	<b>25.38%</b>	

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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
<b>SCIENCES</b>												
Dean's Office												
397561	* US DEPT OF EDUCATION	MATTHEWS, T.	3,051	2,193	-	7,025	12,269	420	-	12,688		TRAD
			3,051	2,193	-	7,025	12,269	420	-	12,688	3.42%	
Biological Sciences												
312311	NATL SCIENCE FOUNDATION	BARTOL, I.	20,831	4,379	6,099	-	31,309	-	-	31,309		TRAD
727091	VIRGINIA AQUARIUM FOUNDATION	BARTOL, I.	6,972	-	-	-	6,972	-	-	6,972		TRAD
394471	NATL SCIENCE FOUNDATION	BUTLER, M.	25,846	20,577	-	-	46,423	12,070	-	58,493		TRAD
516801	UNIV OF FLORIDA	BUTLER, M.	25,799	14,996	-	-	40,795	10,607	-	51,402		TRAD
525321	UNIVERSITY OF MARYLAND	BUTLER, M.	-	143	-	-	143	-	-	143		TRAD
525322	VA INST OF MARINE SCIENCE	BUTLER, M.	-	1,870	-	-	1,870	-	-	1,870		TRAD
727451	GOVERNMENT OF THE BAHAMAS	BUTLER, M.	-	19,102	-	-	19,102	-	-	19,102		TRAD
731371	NATURE CONSERVANCY	BUTLER, M.	5,142	15,131	-	-	20,273	3,649	-	23,922		TRAD
312841	NATL SCIENCE FOUNDATION	CARPENTER, K.	-	1,373	-	-	1,373	357	-	1,730		TRAD
321901	NATL SCIENCE FOUNDATION	CARPENTER, K.	2,678	(1,553)	-	56,993	58,118	-	-	58,118		TRAD
371981	NATL SCIENCE FOUNDATION	CARPENTER, K.	31,564	23,990	1,255	167,101	223,910	14,444	-	238,354		TRAD
374431	NATL SCIENCE FOUNDATION	CARPENTER, K.	41,784	3,613	7,921	2,182	55,500	19,067	-	74,567		TRAD
514331	ODU	CARPENTER, K.	-	-	-	1,651	1,651	-	-	1,651		TRAD
527211	ODU	CARPENTER, K.	94,518	-	-	1,813	96,331	-	-	96,331		TRAD
527212	ODU	CARPENTER, K.	9,550	-	-	-	9,550	478	-	10,028		TRAD
727591	NATIONAL GEOGRAPHIC SOCIETY	CARPENTER, K.	-	14,961	-	-	14,961	-	-	14,961		TRAD
755181	WORLD CONSERVATION UNION	CARPENTER, K.	39,082	14,196	-	11,491	64,769	15,983	-	80,752		TRAD
326661	US PUBLIC HEALTH SERVICE	DAINES, D.	74,679	54,590	10,924	-	140,193	68,513	-	208,706		TRAD
507234	VA DEPT ENVIRON QUALITY	DAUER, D.	-	-	-	31,061	31,061	696	-	31,757		TRAD
515981	VA DEPT ENVIRON QUALITY	DAUER, D.	13,361	1,300	-	3,529	18,190	1,819	-	20,009		TRAD
515982	VA DEPT ENVIRON QUALITY	DAUER, D.	5,921	-	-	10,974	16,895	1,690	-	18,585		TRAD
526521	VA DEPT ENVIRON QUALITY	DAUER, D.	151,441	14,751	-	-	166,192	15,144	-	181,336		TRAD
526524	VA DEPT ENVIRON QUALITY	DAUER, D.	66,683	-	-	-	66,683	6,668	-	73,351		TRAD
320281	US DEPT OF ENERGY	DAY, F.	30,780	7,104	-	-	37,884	20,078	-	57,962		TRAD
523731	UNIVERSITY OF VIRGINIA	DAY, F.	2,117	2,179	-	-	4,296	1,117	-	5,413		TRAD
562651	UNIVERSITY OF VIRGINIA	DAY, F.	4,062	1,298	-	-	5,360	1,394	-	6,754		TRAD
526522	VA DEPT ENVIRON QUALITY	DONAT, J.	247,368	179,105	-	-	426,473	42,647	-	469,120		TRAD
715781	* HENRY M. JACKSON FDN	GAFF, H.	23,270	-	-	-	23,270	4,654	-	27,924		TRAD
732021	MATH ECOLOGY, LLC	GAFF, H.	4,003	-	-	-	4,003	2,122	-	6,125		TRAD
735691	SQUIRE, JAMES C.	GAFF, H.	1,091	-	-	-	1,091	-	-	1,091		TRAD
396511	* NATL SCIENCE FOUNDATION	GAUTHIER, D.	336	189	-	-	525	263	-	788		TRAD
597981	* ODU	GORDON, A.	2,871	2,916	-	-	5,787	-	-	5,787		TRAD
597982	* ODU	GORDON, A.	245	788	-	145	1,178	-	-	1,178		TRAD
522241	MD DEPT. OF NATURAL RESOURCES	HOLSINGER, J.	1,056	-	-	-	1,056	-	-	1,056		TRAD
310181	NATL SCIENCE FOUNDATION	HORTH, L.	-	627	-	-	627	314	-	941		TRAD
712951	VA ENVIRONMENTAL ENDOWMENT	HORTH, L.	-	1,909	-	-	1,909	-	-	1,909		TRAD
322651	NATL SCIENCE FOUNDATION	HYNES, W.	-	10,610	-	-	10,610	2,759	-	13,369		TRAD
715781	* HENRY M. JACKSON FDN	HYNES, W.	-	-	-	-	-	-	-	-		TRAD
511691	VA DEPT ENVIRON QUALITY	MARSHALL, H.	-	-	-	730	730	73	-	803		TRAD
515986	VA DEPT ENVIRON QUALITY	MARSHALL, H.	8,074	289	-	5,840	14,203	1,420	-	15,623		TRAD

**SCHEDULE 4**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
525821	ODU	MARSHALL, H.	56,335	1,476	-	-	57,811	5,781	-	63,592	TRAD	
526523	VA DEPT ENVIRON QUALITY	MARSHALL, H.	99,668	464	-	-	100,132	10,013	-	110,145	TRAD	
591933	ODU	MARSHALL, H.	18,438	1,657	-	-	20,095	1,844	-	21,939	TRAD	
591934	ODU	MARSHALL, H.	8,989	2,532	-	-	11,521	899	-	12,420	TRAD	
597981	* ODU	MARSHALL, H.	2,871	2,916	-	-	5,787	-	-	5,787	TRAD	
597982	* ODU	MARSHALL, H.	245	788	-	145	1,178	-	-	1,178	TRAD	
351782	NATL SCIENCE FOUNDATION	OSGOOD, C.	-	(269)	-	-	(269)	(113)	-	(382)	TRAD	
397561	* US DEPT OF EDUCATION	OSGOOD, C.	3,051	2,193	-	7,025	12,269	420	-	12,688	TRAD	
724131	SIGMA XI, SCIENTIFIC RES SOC	OSGOOD, C.	-	273	-	-	273	-	-	273	TRAD	
353151	* US PUBLIC HEALTH SERVICE	OSGOOD, C.	17,297	2,581	1,433	-	21,310	8,349	-	29,659	TRAD	
512301	NORTH CAROLINA STATE UNIV	SONENSHINE, D.	10,314	30,092	-	-	40,406	20,203	-	60,609	TRAD	
565402	NORTH CAROLINA STATE UNIV	SONENSHINE, D.	25,955	13,161	-	3,017	42,133	16,429	-	58,562	TRAD	
206901	* OFFICE OF NAVAL RESEARCH	SWANSON, J.	(11,231)	(1,898)	(3,335)	1,491	(14,972)	(6,564)	-	(21,536)	TRAD	
206902	* OFFICE OF NAVAL RESEARCH	SWANSON, J.	166,025	17,707	4,778	5,561	194,071	91,866	-	285,937	TRAD	
581035	EASTERN VIRGINIA MED. SCHOOL	SWANSON, J.	1,931	4,169	-	-	6,100	-	-	6,100	TRAD	
			<b>1,341,013</b>	<b>488,275</b>	<b>29,075</b>	<b>310,749</b>	<b>2,169,111</b>	<b>397,152</b>	<b>-</b>	<b>2,566,263</b>	<b>18.31%</b>	
Biological Sciences - Center for Bioelectrics												
294811	* ARMY MED RES COMMAND	HARGRAVE, B.	4,073	1,388	-	1,270	6,731	3,277	-	10,008	CBE	
213941	* ARMY MED RES COMMAND	HARGRAVE, B.	27,355	5,820	655	-	33,831	18,860	-	52,691	CBE	
522551	* CENTER INNOVATIVE TECHNOLOGY	HARGRAVE, B.	13,233	5,152	-	-	18,386	-	-	18,386	CBE	
			<b>44,661</b>	<b>12,361</b>	<b>655</b>	<b>1,270</b>	<b>58,947</b>	<b>22,137</b>	<b>-</b>	<b>81,084</b>	<b>37.55%</b>	
Biological Sciences - VCERC: Virginia Coastal Energy Research Consortium												
786682	* ACENT LABORATORIES.	GORDON, A.	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC	
786682	* ACENT LABORATORIES.	MARSHALL, H.	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC	
			<b>(140)</b>	<b>(435)</b>	<b>-</b>	<b>-</b>	<b>(574)</b>	<b>(149)</b>	<b>-</b>	<b>(723)</b>	<b>25.96%</b>	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Chemistry and Biochemistry												
126101	NASA-GODDARD SPACEFLIGHT CNTR	BERNATH, P.	1,148	9,285	-	-	10,433	5,529	-	15,962	TRAD	
733121	BATTELLE CORPORATION	BERNATH, P.	9,039	3,493	8,087	-	20,619	6,642	-	27,261	TRAD	
515985	VA DEPT ENVIRON QUALITY	DONAT, J.	20,770	17,114	-	128,392	166,276	10,365	-	176,641	TRAD	
322421	NATL OCEANIC/ATMOS ADMIN	HATCHER, P.	17,576	-	-	-	17,576	1,758	-	19,334	TRAD	
376161	NATL SCIENCE FOUNDATION	HATCHER, P.	8,663	-	-	-	8,663	3,638	-	12,301	TRAD	
517291	VA INST OF MARINE SCIENCE	HATCHER, P.	1,133	-	-	-	1,133	295	-	1,428	TRAD	
526211	VA INST OF MARINE SCIENCE	HATCHER, P.	33,437	-	-	-	33,437	8,694	-	42,131	TRAD	
597981	* ODU	HATCHER, P.	2,871	2,916	-	-	5,787	-	-	5,787	TRAD	
597982	* ODU	HATCHER, P.	245	788	-	145	1,178	-	-	1,178	TRAD	
597983	* ODU	HATCHER, P.	-	-	-	-	-	-	-	-	TRAD	
727131	TOTAL, S.A.	HATCHER, P.	18,093	7,823	-	-	25,916	12,278	-	38,194	TRAD	
376661	* NATL SCIENCE FOUNDATION	HATCHER, P.	-	761	-	-	761	320	-	1,081	TRAD	
533571	* ODU	LEE, J.	6,866	3,486	6,157	-	16,508	-	-	16,508	TRAD	
306681	NATL SCIENCE FOUNDATION	MAO, J.	-	24	-	-	24	12	-	36	TRAD	
390781	NATL SCIENCE FOUNDATION	MAO, J.	56,692	10,145	-	-	66,837	33,419	-	100,256	TRAD	
511341	LINCOLN UNIVERSITY	MAO, J.	5,407	420	-	-	5,827	1,282	-	7,109	TRAD	
522111	ODU	MAO, J.	-	6,653	-	6	6,659	-	-	6,659	TRAD	
376661	* NATL SCIENCE FOUNDATION	MAO, J.	-	508	-	-	508	213	-	721	TRAD	
376663	* NATL SCIENCE FOUNDATION	MAO, J.	-	1,333	-	-	1,333	667	-	2,000	TRAD	
327621	NATL SCIENCE FOUNDATION	MOPPER, K.	4,373	638	3,133	-	8,144	2,656	-	10,800	TRAD	
376661	* NATL SCIENCE FOUNDATION	MOPPER, K.	-	1,269	-	-	1,269	533	-	1,802	TRAD	
376662	NATL SCIENCE FOUNDATION	MOPPER, K.	-	385	-	-	385	96	-	481	TRAD	
376663	* NATL SCIENCE FOUNDATION	MOPPER, K.	-	-	-	-	-	-	-	-	TRAD	
390921	NATL SCIENCE FOUNDATION	MOPPER, K.	29,942	7,714	20,733	39,694	98,083	22,728	-	120,811	TRAD	
330641	NATL SCIENCE FOUNDATION	WANG, G.	5,518	3,719	-	-	9,237	4,896	-	14,133	TRAD	
530541	UNIVERSITY OF PITTSBURGH	WANG, G.	2,845	4,829	-	-	7,674	4,067	-	11,741	TRAD	
351710	NATL SCIENCE FOUNDATION	XU, N.	2,386	837	-	-	3,223	1,708	-	4,931	TRAD	
351781	NATL SCIENCE FOUNDATION	XU, N.	3,393	(15,546)	-	-	(12,153)	(5,104)	-	(17,257)	TRAD	
351784	NATL SCIENCE FOUNDATION	XU, N.	10,216	-	-	-	10,216	2,554	-	12,770	TRAD	
351785	NATL SCIENCE FOUNDATION	XU, N.	-	1,409	-	-	1,409	592	-	2,001	TRAD	
351786	NATL SCIENCE FOUNDATION	XU, N.	7,290	-	-	-	7,290	-	-	7,290	TRAD	
353151	* US PUBLIC HEALTH SERVICE	XU, N.	69,188	10,322	5,730	-	85,241	33,394	-	118,635	TRAD	
			317,091	80,325	43,840	168,237	609,493	153,232	-	762,725	25.14%	
Chemistry and Biochemistry - VCERC												
510131	TEXAS A & M UNIVERSITY	HATCHER, P.	22,840	481	-	-	23,321	11,660	-	34,981	VCERC	
726621	PHYTONIX CORPORATION	HATCHER, P.	10,568	9,645	-	-	20,213	-	-	20,213	VCERC	
731591	AQUA TERRA INTERNATIONAL, LLC	HATCHER, P.	45,693	3,607	-	-	49,300	12,818	-	62,118	VCERC	
786682	* ACENT LABORATORIES.	HATCHER, P.	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC	
323961	* NATL SCIENCE FOUNDATION	HATCHER, P.	21,907	2,500	-	-	24,407	12,936	-	37,343	VCERC	
323961	* NATL SCIENCE FOUNDATION	WOZNAK, A.	42,525	4,854	-	-	47,379	25,111	-	72,490	VCERC	
			143,463	20,870	-	-	164,333	62,451	-	226,784	38.00%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Mathematics and Statistics												
122781	NASA-LANGLEY RESEARCH CENTER	BADAVI, F.	109,609	2,817	-	-	112,426	29,231	-	141,657	TRAD	
127071	NASA-LANGLEY RESEARCH CENTER	BADAVI, F.	64,245	-	-	-	64,245	16,704	-	80,949	TRAD	
515984	VA DEPT ENVIRON QUALITY	CHAGANTY, R.	5,557	-	-	1,379	6,936	694	-	7,630	TRAD	
526525	VA DEPT ENVIRON QUALITY	CHAGANTY, R.	12,441	-	-	-	12,441	1,244	-	13,685	TRAD	
717221	* AMERICAN DIABETES ASSOCIATION	DIAWARA, N.	1,123	504	-	1,499	3,126	432	-	3,558	TRAD	
397561	* US DEPT OF EDUCATION	DORREPAAL, J.	3,051	2,193	-	7,025	12,269	420	-	12,688	TRAD	
513861	* SSTATE COUNCIL HIGHES ED IN VA	DOVIAK, S.	554	252	-	870	1,676	117	-	1,792	TRAD	
112801	NASA-HEADQUARTERS	HU, F.	42,592	3,466	416	-	46,474	23,029	-	69,503	TRAD	
382611	NATL SCIENCE FOUNDATION	HU, F.	1,385	-	-	-	1,385	581	-	1,966	TRAD	
715861	OHIO AEROSPACE INSTITUTE	HU, F.	9,764	1,033	-	-	10,797	5,399	-	16,196	TRAD	
397561	* US DEPT OF EDUCATION	HYNES, W.	3,051	2,193	-	7,025	12,269	420	-	12,688	TRAD	
311391	NATL SCIENCE FOUNDATION	JOO, S.	16,339	5,269	-	-	21,608	10,804	-	32,412	TRAD	
104768	NASA-GODDARD SPACEFLIGHT CNTR	PANAYOTOVA, I.	-	2,219	-	-	2,219	-	-	2,219	TRAD	
192461	NASA-LANGLEY RESEARCH CENTER	TWEED, J.	199,604	-	-	-	199,604	51,897	-	251,501	TRAD	
323091	NATL SCIENCE FOUNDATION	WANG, J.	13,162	2,564	-	-	15,726	8,335	-	24,061	TRAD	
326261	* NATL SCIENCE FOUNDATION	WANG, J.	3,040	539	-	-	3,579	1,897	-	5,476	TRAD	
713771	SIMONS FOUNDATION	WANG, J.	-	3,378	-	-	3,378	833	-	4,211	TRAD	
782961	* MARYMOUNT UNIVERSITY	WANG, J.	1,764	-	-	-	1,764	741	-	2,505	TRAD	
533561	* ODU	WANG, J.	1,940	-	-	-	1,940	-	-	1,940	TRAD	
392781	NATL SCIENCE FOUNDATION	ZHOU, R.	7,085	4,665	-	2,982	14,732	5,875	-	20,607	TRAD	
			496,306	31,092	416	20,780	548,594	158,651	-	707,245	28.92%	

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				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Ocean, Earth and Atmospheric Sciences												
387241	* NATL SCIENCE FOUNDATION	BISCHOF, J.	(29)	-	-	-	(29)	(12)	-	(42)	TRAD	
316571	NATL SCIENCE FOUNDATION	BOCHDANSKY, A.	37,020	48,806	11,058	-	96,884	46,134	-	143,018	TRAD	
324281	NATL SCIENCE FOUNDATION	BOCHDANSKY, A.	14,087	27,362	-	-	41,449	21,968	-	63,417	TRAD	
384321	NATL SCIENCE FOUNDATION	BOCHDANSKY, A.	16,783	12,789	-	-	29,572	12,420	-	41,992	TRAD	
501971	UNIV OF CALIFORNIA	BOCHDANSKY, A.	35,574	13,557	-	-	49,131	24,565	-	73,696	TRAD	
325261	NATL SCIENCE FOUNDATION	BURDIGE, D.	26,588	5,411	-	-	31,999	16,959	-	48,958	TRAD	
384331	NATL SCIENCE FOUNDATION	BURDIGE, D.	47,650	19,004	6,132	-	72,786	27,995	-	100,781	TRAD	
321321	NATL SCIENCE FOUNDATION	CUTTER, G.	24,440	2,206	-	-	26,646	13,323	-	39,969	TRAD	
324231	NATL SCIENCE FOUNDATION	CUTTER, G.	14,216	1,849	-	-	16,065	8,515	-	24,580	TRAD	
393441	NATL SCIENCE FOUNDATION	CUTTER, G.	9,066	2,417	-	-	11,483	5,742	-	17,225	TRAD	
394621	NATL SCIENCE FOUNDATION	CUTTER, G.	39,318	16,088	-	-	55,406	27,703	-	83,109	TRAD	
394631	NATL SCIENCE FOUNDATION	CUTTER, G.	13,148	3,058	1,561	-	17,767	8,103	-	25,870	TRAD	
522181	UNIVERSITY OF WASHINGTON	CUTTER, G.	6,846	2,075	-	-	8,921	4,728	-	13,649	TRAD	
701871	OAK RIDGE ASSOCIATED UNIVERSIT	CUTTER, G.	27,840	5,117	-	-	32,957	16,479	-	49,436	TRAD	
702771	* OAK RIDGE ASSOCIATED UNIVERSIT	CUTTER, G.	22,602	1,393	-	-	23,994	11,997	-	35,991	TRAD	
706491	TETRA TECH,INC	CUTTER, G.	22,088	8,050	-	-	30,138	15,069	-	45,207	TRAD	
730551	HAMPTON UNIVERSITY	CUTTER, G.	19,258	-	-	-	19,258	10,207	-	29,465	TRAD	
312441	NATL SCIENCE FOUNDATION	DARBY, D.	37,009	26,718	-	-	63,727	31,864	-	95,591	TRAD	
387241	* NATL SCIENCE FOUNDATION	DARBY, D.	(560)	-	-	-	(560)	(235)	-	(794)	TRAD	
323971	SMITHSONIAN INSTITUTION	DOBBS, F.	2,013	(1,675)	-	-	338	179	-	517	TRAD	
393211	NATL SCIENCE FOUNDATION	DOBBS, F.	52,394	28,561	245	17,002	98,202	40,478	-	138,680	TRAD	
525971	UNIVERSITY OF MARYLAND	DOBBS, F.	17,872	61	-	-	17,933	9,504	-	27,437	TRAD	
394431	* NATL SCIENCE FOUNDATION	GARGETT, A.	43,801	1,659	-	-	45,460	22,730	-	68,190	TRAD	
312521	NATL SCIENCE FOUNDATION	HARVEY, R.	52,938	2,299	-	-	55,237	27,619	-	82,856	TRAD	
313461	NATL SCIENCE FOUNDATION	HARVEY, R.	24,040	1,973	-	-	26,013	13,007	-	39,020	TRAD	
323061	NORTH PACIFIC RESEARCH BOARD	HARVEY, R.	-	1,702	-	-	1,702	902	-	2,604	TRAD	
324501	NATL SCIENCE FOUNDATION	HARVEY, R.	11,615	3,917	-	-	15,532	8,232	-	23,764	TRAD	
517501	UNIVERSITY OF TEXAS AT AUSTIN	HARVEY, R.	49,011	34,078	2,723	-	85,812	41,545	-	127,357	TRAD	
300951	* NATL SCIENCE FOUNDATION	JONES, C.	21,701	9,134	-	-	30,834	15,417	-	46,251	TRAD	
307051	US GEOLOGICAL SURVEY	JONES, C.	-	-	-	2,147	2,147	603	-	2,750	TRAD	
510851	* MD DEPT. OF NATURAL RESOURCES	JONES, C.	-	-	-	-	-	-	-	-	TRAD	
512461	* STATE UNIVERSITY OF NEW JERSEY	JONES, C.	49,170	26,772	-	-	75,942	11,391	-	87,333	TRAD	
513381	* KENAI PENINSULA BOROUGH	JONES, C.	35,401	3,813	-	-	39,213	-	-	39,213	TRAD	
516661	VA MARINE RESOURCES COMM	JONES, C.	30,451	20,807	-	-	51,258	12,814	-	64,072	TRAD	
516671	VA MARINE RESOURCES COMM	JONES, C.	57,905	3,985	-	-	61,890	15,473	-	77,363	TRAD	
527291	VA MARINE RESOURCES COMM	JONES, C.	128,527	4,596	-	-	133,123	33,281	-	166,404	TRAD	
532911	VA MARINE RESOURCES COMM	JONES, C.	-	6,920	-	-	6,920	1,730	-	8,650	TRAD	
715431	VIRGINIA AQUARIUM FOUNDATION	JONES, C.	11,193	810	-	-	12,003	6,001	-	18,004	TRAD	
722721	* NATURE CONSERVANCY	JONES, C.	-	-	-	-	-	-	-	-	TRAD	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
304971	NATL OCEANIC/ATMOS ADMIN	MCCONAUGHA, J.	-	(21)	-	-	(21)	(11)	-	(32)	TRAD	
320951	NATL OCEANIC/ATMOS ADMIN	MCCONAUGHA, J.	23,055	14,095	-	-	37,150	18,575	-	55,725	TRAD	
116151	NASA-GODDARD SPACEFLIGHT CNTR	MULHOLLAND, M.	369	-	-	-	369	184	-	553	TRAD	
186011	NASA-GODDARD SPACEFLIGHT CNTR	MULHOLLAND, M.	36,930	310	-	-	37,240	15,641	-	52,881	TRAD	
320391	NATL SCIENCE FOUNDATION	MULHOLLAND, M.	48,841	10,648	-	-	59,489	31,529	-	91,018	TRAD	
324251	NATL SCIENCE FOUNDATION	MULHOLLAND, M.	2,775	1,614	-	-	4,389	2,326	-	6,715	TRAD	
525781	ODU	MULHOLLAND, M.	13,769	6,909	-	-	20,678	2,320	-	22,998	TRAD	
525791	ODU	MULHOLLAND, M.	23,044	7,102	-	-	30,146	3,267	-	33,413	TRAD	
525801	ODU	MULHOLLAND, M.	35,728	5,071	-	-	40,799	4,332	-	45,131	TRAD	
716301	WATER ENVIRON RESEARCH FOUN	MULHOLLAND, M.	24,084	9,882	-	-	33,966	16,983	-	50,949	TRAD	
324341	NATL SCIENCE FOUNDATION	NOFFKE, N.	3,463	5,884	-	-	9,347	4,674	-	14,021	TRAD	
300951	* NATL SCIENCE FOUNDATION	SCHAFFLER, J.	21,701	9,134	-	-	30,834	15,417	-	46,251	TRAD	
512461	* STATE UNIVERSITY OF NEW JERSEY	SCHAFFLER, J.	-	-	-	-	-	-	-	-	TRAD	
722721	* NATURE CONSERVANCY	SCHAFFLER, J.	706	-	-	4,499	5,205	1,353	-	6,558	TRAD	
323151	NATL SCIENCE FOUNDATION	SEDWICK, P.	13,754	8,387	-	-	22,141	11,735	-	33,876	TRAD	
330362	NATL SCIENCE FOUNDATION	SEDWICK, P.	-	3	-	-	3	2	-	5	TRAD	
394361	NATL SCIENCE FOUNDATION	SEDWICK, P.	10,446	1,077	-	-	11,523	5,762	-	17,285	TRAD	
394481	NATL SCIENCE FOUNDATION	SEDWICK, P.	24,200	632	-	-	24,832	12,416	-	37,248	TRAD	
396851	NATL SCIENCE FOUNDATION	SEDWICK, P.	52,743	2,521	7,264	-	62,528	27,632	-	90,160	TRAD	
702771	* OAK RIDGE ASSOCIATED UNIVERSIT	SEDWICK, P.	22,602	1,393	-	-	23,994	11,997	-	35,991	TRAD	
396852	* NATL SCIENCE FOUNDATION	SEDWICK, P.	6,490	321	-	-	6,810	3,405	-	10,215	TRAD	
524481	* ODU	WHITTECAR, R.	6,881	121	-	12,413	19,415	1,384	-	20,799	TRAD	
532151	* ODU	WHITTECAR, R.	1,509	-	-	-	1,509	121	-	1,630	TRAD	
532541	ODU	WHITTECAR, R.	-	1,511	-	-	1,511	272	-	1,783	TRAD	
534901	* ODU	WHITTECAR, R.	12,973	39,950	-	2,886	55,809	2,646	-	58,455	TRAD	
585981	VA TECH	WHITTECAR, R.	36,385	9,131	-	-	45,516	15,930	-	61,446	TRAD	
711991	WEANACK LAND LTD	WHITTECAR, R.	4,503	3,383	-	-	7,886	1,972	-	9,858	TRAD	
713501	WETLAND STUDIES AND SOLUTIONS	WHITTECAR, R.	2,781	2,575	-	190	5,546	1,443	-	6,989	TRAD	
307291	NATL SCIENCE FOUNDATION	ZIMMERMAN, R.	109,775	7,745	25,277	-	142,797	58,760	-	201,557	TRAD	
506791	VA INST OF MARINE SCIENCE	ZIMMERMAN, R.	-	-	-	-	-	(1,208)	-	(1,208)	TRAD	
524021	VA INST OF MARINE SCIENCE	ZIMMERMAN, R.	23,148	10,158	-	-	33,306	1,665	-	34,971	TRAD	
717021	FL ENVIRONMENTAL RESEARCH INST	ZIMMERMAN, R.	11,914	(5,414)	-	500	7,000	1,820	-	8,820	TRAD	
			1,575,542	499,430	54,260	39,637	2,168,870	838,774	-	3,007,643	38.67%	
Ocean, Earth and Atmospheric Sciences - SSRP												
510851	* MD DEPT. OF NATURAL RESOURCES	ASHFORD, J.	4,386	-	-	-	4,386	2,193	-	6,579	SSRP	
710871	CHILEAN FISHING DEVELOP INST	ASHFORD, J.	48,409	30,712	-	-	79,121	30,242	-	109,363	SSRP	
321481	NATL SCIENCE FOUNDATION	HILL, V.	69,177	493	39,543	-	109,213	36,925	-	146,138	SSRP	
720791	CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	-	795	-	-	795	-	-	795	SSRP	
733131	CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	-	2,608	-	3,696	6,304	196	-	6,500	SSRP	
			121,972	34,608	39,543	3,696	199,819	69,556	-	269,375	34.81%	



**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	PROJECT DIRECT COST				PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Center for Coastal Physical Oceanography												
224741	OFFICE OF NAVAL RESEARCH	ATKINSON, L.	-	-	-	26,158	26,158	-	-	26,158	TRAD	
506621	CENTER INNOVATIVE TECHNOLOGY	ATKINSON, L.	1,353	-	-	-	1,353	676	-	2,029	TRAD	
512221	STATE UNIVERSITY OF NEW JERSEY	ATKINSON, L.	77,555	3,322	-	1,063	81,940	40,970	-	122,910	TRAD	
517401	VA TECH	ATKINSON, L.	-	15,960	-	-	15,960	7,980	-	23,940	TRAD	
574942	STATE UNIVERSITY OF NEW JERSEY	ATKINSON, L.	-	3,524	-	-	3,524	881	-	4,405	TRAD	
515571	* JAMES MADISON UNIVERSITY	ATKINSON, L.	-	7,510	-	3,808	11,318	5,169	-	16,487	TRAD	
522771	* VA INST OF MARINE SCIENCE	ATKINSON, L.	1,020	554	-	-	1,574	834	-	2,408	TRAD	
597981	* ODU	ATKINSON, L.	2,871	2,916	-	-	5,787	-	-	5,787	TRAD	
597982	* ODU	ATKINSON, L.	245	788	-	145	1,178	-	-	1,178	TRAD	
597983	* ODU	ATKINSON, L.	-	-	-	3,544	3,544	-	-	3,544	TRAD	
300161	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	20,362	209	-	-	20,571	8,640	-	29,211	TRAD	
306781	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	-	388	-	-	388	194	-	582	TRAD	
386461	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	25,432	146	-	-	25,578	10,743	-	36,321	TRAD	
394241	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	41,835	6,269	1,674	-	49,778	24,052	-	73,830	TRAD	
396852	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	6,490	321	-	-	6,810	3,405	-	10,215	TRAD	
397111	* NATL SCIENCE FOUNDATION	DINNIMAN, M.	5,335	72	-	-	5,407	2,703	-	8,110	TRAD	
381461	NATL OCEANIC/ATMOS ADMIN	EZER, T.	11,342	4,047	-	-	15,389	6,464	-	21,853	TRAD	
513381	* KENAI PENINSULA BOROUGH	EZER, T.	35,401	3,813	-	-	39,213	-	-	39,213	TRAD	
394431	* NATL SCIENCE FOUNDATION	GROSCH, C.	43,801	1,659	-	-	45,460	22,730	-	68,190	TRAD	
300161	* NATL SCIENCE FOUNDATION	HOFMANN, E.	20,979	215	-	-	21,194	8,902	-	30,096	TRAD	
322141	* NATL SCIENCE FOUNDATION	HOFMANN, E.	-	815	-	8,928	9,743	5,164	-	14,907	TRAD	
382981	NATL SCIENCE FOUNDATION	HOFMANN, E.	23,724	6,523	-	-	30,247	12,704	-	42,951	TRAD	
386461	* NATL SCIENCE FOUNDATION	HOFMANN, E.	26,203	150	-	-	26,353	11,068	-	37,422	TRAD	
392161	* NATL OCEANIC/ATMOS ADMIN	HOFMANN, E.	5,053	1,429	-	-	6,482	1,623	-	8,105	TRAD	
392751	* NATL SCIENCE FOUNDATION	HOFMANN, E.	42,396	2,816	-	-	45,212	22,606	-	67,817	TRAD	
396852	* NATL SCIENCE FOUNDATION	HOFMANN, E.	6,490	321	-	-	6,810	3,405	-	10,215	TRAD	
501411	VA INST OF MARINE SCIENCE	HOFMANN, E.	26,150	2,536	-	-	28,686	14,343	-	43,029	TRAD	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
300161	* NATL SCIENCE FOUNDATION	KLINCK, J.	20,362	209	-	-	20,571	8,640	-	29,211	TRAD	
306781	* NATL SCIENCE FOUNDATION	KLINCK, J.	-	388	-	-	388	194	-	582	TRAD	
322141	* NATL SCIENCE FOUNDATION	KLINCK, J.	-	815	-	8,928	9,743	5,164	-	14,907	TRAD	
386461	* NATL SCIENCE FOUNDATION	KLINCK, J.	25,432	146	-	-	25,578	10,743	-	36,321	TRAD	
392161	* NATL OCEANIC/ATMOS ADMIN	KLINCK, J.	5,053	1,429	-	-	6,482	1,623	-	8,105	TRAD	
392751	* NATL SCIENCE FOUNDATION	KLINCK, J.	42,396	2,816	-	-	45,212	22,606	-	67,817	TRAD	
394241	* NATL SCIENCE FOUNDATION	KLINCK, J.	41,835	6,269	1,674	-	49,778	24,052	-	73,830	TRAD	
396852	* NATL SCIENCE FOUNDATION	KLINCK, J.	6,490	321	-	-	6,810	3,405	-	10,215	TRAD	
397111	* NATL SCIENCE FOUNDATION	KLINCK, J.	5,335	72	-	-	5,407	2,703	-	8,110	TRAD	
515571	* JAMES MADISON UNIVERSITY	KLINCK, J.	-	7,510	-	3,808	11,318	5,169	-	16,487	TRAD	
720691	SOUTHEASTERN UNIV RESE ASSOC	KLINCK, J.	3,326	2,250	-	-	5,576	1,394	-	6,970	TRAD	
306081	NATL SCIENCE FOUNDATION	SCULLY, M	3,326	2,399	-	-	5,725	2,862	-	8,587	TRAD	
310961	NATL SCIENCE FOUNDATION	SCULLY, M.	-	6,415	-	-	6,415	3,207	-	9,622	TRAD	
384181	NATL SCIENCE FOUNDATION	SCULLY, M.	3,326	-	-	-	3,326	1,397	-	4,723	TRAD	
			<b>580,916</b>	<b>97,338</b>	<b>3,348</b>	<b>56,381</b>	<b>737,983</b>	<b>308,412</b>	<b>-</b>	<b>1,046,395</b>	<b>41.79%</b>	
Center for Coastal Physical Oceanography - SSRP												
717131	VA ENVIRONMENTAL ENDOWMENT	FILIPPINO, K.	18,967	-	4,800	(350)	23,417	-	-	23,417	SSRP	
			<b>18,967</b>	<b>-</b>	<b>4,800</b>	<b>(350)</b>	<b>23,417</b>	<b>-</b>	<b>-</b>	<b>23,417</b>	<b>0.00%</b>	

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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Psychology												
524161	* ODU	ASH, I.	1,566	-	-	2,459	4,025	-	-	4,025	TRAD	
301511	US PUBLIC HEALTH SERVICE	BARRACO, C.	90,045	5,852	-	-	95,897	7,672	-	103,569	TRAD	
313921	* US PUBLIC HEALTH SERVICE	BARRACO, C.	10,682	130	-	2,797	13,609	6,943	-	20,552	TRAD	
715541	ADV ANTI-TERROR TECHNOLOGIES	BLISS, J.	14,061	2,595	-	1,897	18,553	9,832	-	28,385	TRAD	
734781	ADV ANTI-TERROR TECHNOLOGIES	BLISS, J.	9,194	-	-	-	9,194	-	-	9,194	TRAD	
315331	US PUBLIC HEALTH SERVICE	BRAITMAN, A.	-	3,953	-	33,127	37,080	-	-	37,080	TRAD	
104766	NASA-GODDARD SPACEFLIGHT CNTR	BRILL, C.	1,217	3,275	-	-	4,492	-	-	4,492	TRAD	
516241	COLORADO STATE UNIVERSITY	CIGULAROV, K.	4,247	-	-	-	4,247	1,062	-	5,309	TRAD	
516242	COLORADO STATE UNIVERSITY	CIGULAROV, K.	7,738	14,054	-	-	21,792	1,935	-	23,727	TRAD	
705991	* LESBIAN HEALTH FUND	DERLEGA, V.	-	480	-	-	480	-	-	480	TRAD	
320621	* US PUBLIC HEALTH SERVICE	HENSON, J.	-	-	-	2,575	2,575	-	-	2,575	TRAD	
390181	* US PUBLIC HEALTH SERVICE	HENSON, J.	11,271	1,208	-	2,483	14,963	7,136	-	22,099	TRAD	
302881	US PUBLIC HEALTH SERVICE	HENSON, M.	3,232	4,000	-	-	7,232	3,616	-	10,848	TRAD	
704271	ABMRF/FDTN-ALCOHOL RESERACH	HENSON, M.	-	11,151	-	-	11,151	1,673	-	12,824	TRAD	
515171	VA DEPARTMENT OF HEALTH	JANDA, L.	-	-	-	-	-	-	-	-	TRAD	
313921	* US PUBLIC HEALTH SERVICE	KELLEY, M.	10,682	130	-	2,797	13,609	6,943	-	20,552	TRAD	
320621	* US PUBLIC HEALTH SERVICE	KELLEY, M.	-	-	-	2,575	2,575	-	-	2,575	TRAD	
390181	* US PUBLIC HEALTH SERVICE	KELLEY, M.	101,441	10,875	-	22,349	134,664	64,228	-	198,892	TRAD	
390182	US PUBLIC HEALTH SERVICE	KELLEY, M.	631	90	-	-	721	58	-	779	TRAD	
396311	* US PUBLIC HEALTH SERVICE	KELLEY, M.	13,951	793	-	(10)	14,733	7,372	-	22,105	TRAD	
313921	* US PUBLIC HEALTH SERVICE	LEWIS, R.	23,501	285	-	6,154	29,940	15,274	-	45,214	TRAD	
705991	* LESBIAN HEALTH FUND	LEWIS, R.	-	1,120	-	-	1,120	-	-	1,120	TRAD	
525891	VA INST OF MARINE SCIENCE	MADHAVEN, P.	9,115	-	-	-	9,115	4,831	-	13,946	TRAD	
332521	NATL SCIENCE FOUNDATION	MAJOR, D.	13,119	-	-	-	13,119	6,953	-	20,072	TRAD	
395151	NATL SCIENCE FOUNDATION	MAJOR, D.	33,488	8,917	-	-	42,405	21,202	-	63,607	TRAD	
395152	* NATL SCIENCE FOUNDATION	MAJOR, D.	3,269	1,553	-	-	4,822	1,206	-	6,027	TRAD	
395152	* NATL SCIENCE FOUNDATION	ORVIS, K.	3,269	1,553	-	-	4,822	1,206	-	6,027	TRAD	
313921	* US PUBLIC HEALTH SERVICE	PADILLA, M.	15,668	190	-	4,102	19,960	10,182	-	30,143	TRAD	
316511	US PUBLIC HEALTH SERVICE	PAULSON, J.	-	4,180	-	(216)	3,964	2,215	-	6,179	TRAD	
514971	VA DMV	PORTER, B.	32,624	12,441	-	-	45,065	4,380	-	49,445	TRAD	
521751	VA DMV	PORTER, B.	19,952	25,021	-	-	44,973	4,497	-	49,470	TRAD	
524921	VA DMV	PORTER, B.	55,956	33,588	-	-	89,544	8,954	-	98,498	TRAD	
524931	VA DMV	PORTER, B.	52,286	11,706	-	-	63,992	6,399	-	70,391	TRAD	
304941	* US PUBLIC HEALTH SERVICE	SCERBO, M.	81,884	5,966	3,164	79,011	170,025	66,611	-	236,636	TRAD	
506651	* EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	14,286	2,395	-	-	16,682	4,337	-	21,019	TRAD	
714851	MEDICAL CYBERWORLDS, INC.	SCERBO, M.	14,346	-	-	-	14,346	7,603	-	21,949	TRAD	
531742	* ODU	SCERBO, M.	4,816	75	415	-	5,306	-	-	5,306	TRAD	
531743	* ODU	SCERBO, M.	5,583	-	-	-	5,583	-	-	5,583	TRAD	
313921	* US PUBLIC HEALTH SERVICE	WINSTEAD	10,682	130	-	2,797	13,609	6,943	-	20,552	TRAD	
			673,802	167,705	3,579	164,896	1,009,983	291,261	-	1,301,244	28.84%	
Psychology - Center for Bioelectrics												
294811	* ARMY MED RES COMMAND	MADHAVAN, P.	1,901	648	-	593	3,141	1,529	-	4,670	CBE	
			1,901	648	-	593	3,141	1,529	-	4,670	48.68%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Physics												
350313	* US DEPT OF ENERGY	AMARIAN, M.	-	161	-	-	161	67	-	228	TRAD	
350314	* US DEPT OF ENERGY	AMARIAN, M.	74,541	4,383	897	-	79,821	39,462	-	119,283	TRAD	
310491	* NATL SCIENCE FOUNDATION	ARETI, H.	-	-	-	55,436	55,436	7,500	-	62,936	TRAD	
370662	* US DEPT OF ENERGY	BALITSKY, I.	-	2,141	171	-	2,312	1,071	-	3,383	TRAD	
370663	* US DEPT OF ENERGY	BALITSKY, I.	14,393	101	1,133	1,991	17,617	7,682	-	25,299	TRAD	
300701	* NATL SCIENCE FOUNDATION	BUELTMANN, S.	5,009	1,286	13,793	6,762	26,848	4,683	-	31,531	TRAD	
310491	* NATL SCIENCE FOUNDATION	BUELTMANN, S.	-	-	-	18,479	18,479	2,500	-	20,979	TRAD	
350313	* US DEPT OF ENERGY	BUELTMANN, S.	-	161	-	-	161	67	-	228	TRAD	
350314	* US DEPT OF ENERGY	BUELTMANN, S.	74,541	4,383	897	-	79,821	39,462	-	119,283	TRAD	
706141	* JEFFERSON SCIENCE ASSOCIATES	BUELTMANN, S.	34,267	3,851	-	-	38,118	10,292	-	48,409	TRAD	
303981	NATL SCIENCE FOUNDATION	DE PAOR, D.	72,307	16,760	4,411	-	93,478	44,534	-	138,012	TRAD	
304931	* NATL SCIENCE FOUNDATION	DE PAOR, D.	8,426	881	-	-	9,307	4,654	-	13,961	TRAD	
306581	FERMI NATIONAL ACCELERATOR LAB	DELAYEN, J.	-	6,178	-	6,305	12,483	6,241	-	18,724	TRAD	
306582	FERMI NATIONAL ACCELERATOR LAB	DELAYEN, J.	60,091	9,966	-	-	70,057	37,130	-	107,187	TRAD	
396741	US DEPT OF ENERGY	DELAYEN, J.	117,035	32,546	189,620	-	339,201	74,790	-	413,991	TRAD	
706051	NIOWAVE, INC.	DELAYEN, J.	6,779	14,419	-	-	21,198	10,599	-	31,797	TRAD	
706052	NIOWAVE, INC.	DELAYEN, J.	-	9,982	-	5,534	15,516	7,758	-	23,274	TRAD	
706053	NIOWAVE, INC.	DELAYEN, J.	74,427	7,877	-	-	82,304	41,152	-	123,456	TRAD	
706054	NIOWAVE, INC.	DELAYEN, J.	-	1,291	-	6,239	7,530	3,765	-	11,295	TRAD	
706055	NIOWAVE, INC.	DELAYEN, J.	38,593	19,977	-	-	58,570	29,285	-	87,855	TRAD	
706056	NIOWAVE, INC.	DELAYEN, J.	25,263	7,131	-	14,105	46,499	18,418	-	64,917	TRAD	
724841	NIOWAVE, INC.	DELAYEN, J.	6,356	-	-	-	6,356	3,369	-	9,725	TRAD	
350313	* US DEPT OF ENERGY	DODGE, G.	-	161	-	-	161	68	-	228	TRAD	
706141	* JEFFERSON SCIENCE ASSOCIATES	DODGE, G.	17,133	1,925	-	-	19,059	5,146	-	24,205	TRAD	
350314	* US DEPT OF ENERGY	DODGE, G.	74,586	4,386	897	-	79,869	39,486	-	119,355	TRAD	
310581	US DEPT OF ENERGY	DUDEK, J.	-	15,502	-	-	15,502	4,031	-	19,533	TRAD	
510881	ODU	DUDEK, J.	92,543	18,067	1,851	-	112,461	55,305	-	167,766	TRAD	
704901	JEFFRESS RESEARCH GRANTS PGM.	DUDEK, J.	-	-	-	5	5	-	-	5	TRAD	
370662	* US DEPT OF ENERGY	DUDEK, J.	-	2,141	171	-	2,312	1,071	-	3,383	TRAD	
370663	* US DEPT OF ENERGY	DUDEK, J.	14,393	101	1,133	1,991	17,617	7,682	-	25,299	TRAD	
712050	JEFFERSON SCIENCE ASSOCIATES	GAVALIAN, G.	5,770	-	-	1	5,771	-	-	5,771	TRAD	
312001	NATL SCIENCE FOUNDATION	HAVEY, M.	62,953	21,429	3,473	-	87,855	42,191	-	130,046	TRAD	
312002	NATL SCIENCE FOUNDATION	HAVEY, M.	1,920	-	-	-	1,920	480	-	2,400	TRAD	
316981	BROOKHAVEN NATIONAL LABORATORY	HYDE, C.	43,071	-	-	-	43,071	22,827	-	65,898	TRAD	
350314	* US DEPT OF ENERGY	HYDE, C.	74,586	4,386	897	-	79,869	39,486	-	119,355	TRAD	
350314	* US DEPT OF ENERGY	HYDE, C.	74,586	4,386	897	-	79,869	39,486	-	119,355	TRAD	
350313	* US DEPT OF ENERGY	HYDE, C.	-	161	-	-	161	68	-	228	TRAD	

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
300701	* NATL SCIENCE FOUNDATION	KUHN, S.	5,009	1,286	13,793	6,762	26,848	4,684	-	31,532	TRAD	
317371	* US DEPT OF ENERGY	KUHN, S.	39,143	5,974	-	-	45,117	22,559	-	67,676	TRAD	
350313	* US DEPT OF ENERGY	KUHN, S.	-	161	-	-	161	68	-	228	TRAD	
370662	* US DEPT OF ENERGY	RADYUSHKIN, A.	-	2,141	171	-	2,312	1,071	-	3,383	TRAD	
370663	* US DEPT OF ENERGY	RADYUSHKIN, A.	14,393	101	1,133	1,991	17,617	7,682	-	25,299	TRAD	
370662	* US DEPT OF ENERGY	SCHIAVILLA, R.	-	2,141	171	-	2,312	1,071	-	3,383	TRAD	
370663	* US DEPT OF ENERGY	SCHIAVILLA, R.	14,393	101	1,133	1,991	17,617	7,682	-	25,299	TRAD	
325901	ARGONNE NATIONAL LABORATORIES	SUKENIK, C.	27,597	-	-	-	27,597	7,175	-	34,772	TRAD	
391441	NATL SCIENCE FOUNDATION	SUKENIK, C.	17,288	8,375	-	-	25,663	12,831	-	38,494	TRAD	
711171	JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	137,148	-	-	9,575	146,723	-	-	146,723	TRAD	
712331	JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	194,959	-	-	-	194,959	-	-	194,959	TRAD	
730231	JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	395,065	-	-	-	395,065	-	-	395,065	TRAD	
730671	JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	501	2,000	-	8,874	11,375	-	-	11,375	TRAD	
717491	JEFFERSON SCIENCE ASSOCIATES	VAN ORDEN, J.	-	1,836	-	-	1,836	-	-	1,836	TRAD	
370662	* US DEPT OF ENERGY	VAN ORDEN, J.	-	2,141	171	-	2,312	1,071	-	3,383	TRAD	
370663	* US DEPT OF ENERGY	VAN ORDEN, J.	14,393	101	1,133	1,991	17,617	7,682	-	25,299	TRAD	
127221	NASA-LANGLEY RESEARCH CENTER	VUSKOVIC, L.	701	53	-	-	754	196	-	950	TRAD	
176071	NASA-LANGLEY RESEARCH CENTER	VUSKOVIC, L.	-	-	-	-	-	1	-	1	TRAD	
325111	US DEPT OF ENERGY	VUSKOVIC, L.	58,488	24,133	11,977	-	94,598	43,789	-	138,387	TRAD	
730681	NATL INST AEROSPACE ASSOC	VUSKOVIC, L.	18,063	2,373	-	-	20,436	5,314	-	25,750	TRAD	
731511	JEFFERSON SCIENCE ASSOCIATES	VUSKOVIC, L.	98,318	35,652	-	-	133,970	-	-	133,970	TRAD	
751079	NATL INST AEROSPACE ASSOC	VUSKOVIC, L.	5,193	-	-	-	5,193	1,350	-	6,543	TRAD	
317371	* US DEPT OF ENERGY	WEINSTEIN, L.	39,143	5,974	-	-	45,117	22,559	-	67,676	TRAD	
350313	* US DEPT OF ENERGY	WEINSTEIN, L.	-	161	-	-	161	68	-	228	TRAD	
350314	* US DEPT OF ENERGY	WEINSTEIN, L.	74,586	4,386	897	-	79,869	39,486	-	119,355	TRAD	
706141	* JEFFERSON SCIENCE ASSOCIATES	WEINSTEIN, L.	34,267	3,851	-	-	38,118	10,292	-	48,409	TRAD	
			2,262,214	319,058	250,821	148,029	2,980,122	848,432	-	3,828,554	28.47%	

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PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
Computer Sciences												
311072	* NATL SCIENCE FOUNDATION	CHERNIKOV, A.	3,699	-	-	-	3,699	925	-	4,624	TRAD	
314082	* NATL SCIENCE FOUNDATION	CHERNIKOV, A.	3,710	399	-	-	4,110	1,027	-	5,137	TRAD	
311071	NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	18,750	-	-	-	18,750	9,375	-	28,125	TRAD	
311072	* NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	925	-	-	-	925	231	-	1,156	TRAD	
314071	NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	92,603	6,926	-	-	99,529	49,764	-	149,293	TRAD	
314081	NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	75	738	-	-	813	407	-	1,220	TRAD	
314082	* NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	928	100	-	-	1,027	257	-	1,284	TRAD	
510691	COLLEGE OF WILLIAM AND MARY	CHRISOCHOIDES, N.	32,506	-	-	6,664	39,170	19,585	-	58,755	TRAD	
523941	* ODU	HE, J.	11,371	1,398	-	-	12,769	-	-	12,769	TRAD	
316291	NATL SCIENCE FOUNDATION	JI, S.	45,632	5,151	-	-	50,783	26,915	-	77,698	TRAD	
533531	ODU	JI, S.	22,074	176	-	-	22,250	-	-	22,250	TRAD	
310631	NATL SCIENCE FOUNDATION	LI, Y.	57,800	6,119	-	-	63,919	31,960	-	95,879	TRAD	
533561	* ODU	LI, Y.	5,821	-	-	-	5,821	-	-	5,821	TRAD	
525911	HMPT ROADS PLAN DISTRICT COMM	MALY, K.	3,666	-	-	-	3,666	953	-	4,619	TRAD	
713221	INNGINEERED SOLUTIONS	MALY, K.	-	-	-	1,744	1,744	453	-	2,197	TRAD	
716821	RAYTHEON AIRCRAFT COMPANY	MALY, K.	13,546	-	-	-	13,546	3,522	-	17,068	TRAD	
720841	CHIRPXM, INC.	MALY, K.	69,844	-	-	-	69,844	18,159	-	88,003	TRAD	
724401	SIMIS, INC.	MALY, K.	7,030	-	-	2,970	10,000	2,600	-	12,600	TRAD	
726221	SIMIS, INC.	MALY, K.	16,117	-	-	-	16,117	4,190	-	20,307	TRAD	
726991	MIND MATTERS, LLC	MALY, K.	2,059	-	-	-	2,059	535	-	2,594	TRAD	
731701	E&E ENTERPRISES	MALY, K.	19,485	-	-	-	19,485	5,066	-	24,551	TRAD	
731841	RESITE ONLINE, INC.	MALY, K.	10,703	-	-	-	10,703	2,783	-	13,486	TRAD	
774451	PRENTICE HALL BUS PUBLISHING	MALY, K.	8,395	2,393	-	-	10,788	-	-	10,788	TRAD	
774741	HOSPICE OF PALM BEACH COUNTY	MALY, K.	3,441	-	-	24,144	27,585	7,172	-	34,757	TRAD	
733861	* LMI	MUKKAMALA, R.	1,703	233	-	-	1,936	1,026	-	2,962	TRAD	
523911	* ODU	NADEEM, T.	3,518	-	-	-	3,518	-	-	3,518	TRAD	
724371	SIEMENS AUTOMOTIVE INC.	NADEEM, T.	7,505	-	-	-	7,505	3,978	-	11,483	TRAD	
302781	NATL SCIENCE FOUNDATION	NELSON, M.	49,493	11,965	-	-	61,458	30,729	-	92,187	TRAD	
305601	LIBRARY OF CONGRESS	NELSON, M.	53,772	579	12,575	179,164	246,090	27,175	-	273,265	TRAD	
325301	NATL SCIENCE FOUNDATION	NELSON, M.	-	357	-	4,735	5,092	-	-	5,092	TRAD	

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			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
370161	NATL SCIENCE FOUNDATION	NELSON, M.	30,749	882	-	-	31,631	13,285	-	44,916	TRAD	
722811	NATL INFORMATION STANDARDS ORG	NELSON, M.	15,877	-	-	-	15,877	1,905	-	17,782	TRAD	
313011	* NATL SCIENCE FOUNDATION	OLARIU, S.	39,589	48	-	-	39,637	19,818	-	59,455	TRAD	
731311	LIBERTY TAX SERVICE	RANJAN, D.	10,630	-	-	-	10,630	5,634	-	16,264	TRAD	
712336	* JEFFERSON SCIENCE ASSOCIATES	RANJAN, D.	4,451	-	-	-	4,451	-	-	4,451	TRAD	
313011	* NATL SCIENCE FOUNDATION	WEIGLE, M.	39,589	48	-	-	39,637	19,818	-	59,455	TRAD	
330981	NATL ENDOWMENT/HUMANITIES	WEIGLE, M.	3,770	-	-	-	3,770	1,998	-	5,768	TRAD	
730771	* WORLD TECH INTERNATIONAL, LLC	WEIGLE, M.	706	-	-	-	706	-	-	706	TRAD	
515983	VA DEPT ENVIRON QUALITY	ZUBAIR, M.	5,579	-	-	-	5,579	558	-	6,137	TRAD	
526526	VA DEPT ENVIRON QUALITY	ZUBAIR, M.	12,658	-	-	-	12,658	1,266	-	13,924	TRAD	
712336	* JEFFERSON SCIENCE ASSOCIATES	ZUBAIR, M.	4,451	-	-	-	4,451	-	-	4,451	TRAD	
780051	IBM	ZUBAIR, M.	18,791	-	-	-	18,791	-	-	18,791	TRAD	
			753,010	37,512	12,575	219,421	1,022,518	313,069	-	1,335,588	30.62%	
<b>TOTAL SCIENCES</b>			<b>\$ 8,333,769</b>	<b>\$ 1,790,981</b>	<b>\$ 442,913</b>	<b>\$ 1,140,364</b>	<b>\$ 11,708,026</b>	<b>\$ 3,464,925</b>	<b>\$ -</b>	<b>\$ 15,172,951</b>	<b>29.59%</b>	

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				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
<b>OFFICE OF RESEARCH AND OTHER UNITS</b>												
Frank Reidy Research Center for Bioelectronics												
294811	* ARMY MED RES COMMAND	BEEBE, S.	4,073	1,388	-	1,270	6,731	3,277	-	10,008	CBE	
713401	ETHICON ENDO-SURGERY, INC.	BEEBE, S.	-	38	-	77	115	58	-	173	CBE	
213941	* ARMY MED RES COMMAND	BEEBE, S.	31,002	6,596	743	-	38,341	21,375	-	59,716	CBE	
522541	* CENTER INNOVATIVE TECHNOLOGY	BEEBE, S.	16,066	6,558	-	-	22,624	-	-	22,624	CBE	
206902	* OFFICE OF NAVAL RESEARCH	CHEN, Y. J.	110,683	11,804	3,185	3,708	129,380	61,244	-	190,624	CBE	
213941	* ARMY MED RES COMMAND	CHEN, Y. J.	31,002	6,596	743	-	38,341	21,375	-	59,716	CBE	
522541	* CENTER INNOVATIVE TECHNOLOGY	CHEN, Y. J.	11,246	4,591	-	-	15,837	-	-	15,837	CBE	
522551	* CENTER INNOVATIVE TECHNOLOGY	CHEN, Y. J.	13,233	5,152	-	-	18,386	-	-	18,386	CBE	
533501	* CENTER INNOVATIVE TECHNOLOGY	MALIK, M.	403	-	-	-	403	121	-	524	CBE	
302401	* US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	99,844	18,170	35,117	-	153,131	59,007	-	212,137	CBE	
382011	* US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	43,091	11,326	-	1,043	55,461	22,855	-	78,316	CBE	
786307	* GENERAL DYNAMICS	PAKHOMOV, A.	40,345	14,895	-	-	55,240	27,620	-	82,860	CBE	
523941	* ODU	PAKHOMOV, A.	1,895	233	-	-	2,128	-	-	2,128	CBE	
302401	* US PUBLIC HEALTH SERVICE	PAKHOMOVA, O.	21,395	3,894	7,525	-	32,814	12,644	-	45,458	CBE	
523941	* ODU	PAKHOMOVA, O.	1,895	233	-	-	2,128	-	-	2,128	CBE	
786307	* GENERAL DYNAMICS	PAKHOMOVA, O.	40,345	14,895	-	-	55,240	27,620	-	82,860	CBE	
712641	BREEDEN-ADAMS FOUNDATION	STACEY, M.	4,182	7,174	-	-	11,356	-	-	11,356	CBE	
			470,701	113,544	47,313	6,098	637,656	257,195	-	894,851	40.33%	



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				SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Virginia Modeling, Analysis and Simulation Center - VMASC												
736821	* CUBIC APPLICATIONS, INC.	BARRACO, A.	6,991	-	-	-	6,991	3,705	-	10,696	VMASC	
206401	* MODELING & SIMULATION CO OFF	BEHR, J.	2,223	168	-	688	3,079	837	-	3,916	VMASC	
282018	* NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	3,918	-	-	360	4,278	1,646	-	5,923	VMASC	
311871	* US PUBLIC HEALTH SERVICE	BEHR, J.	29,134	1,255	-	2,801	33,189	17,590	-	50,779	VMASC	
514321	* ODU	BEHR, J.	4,089	104	-	30	4,224	-	-	4,224	VMASC	
516851	* ODU	BEHR, J.	-	-	-	798	798	-	-	798	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	BEHR, J.	93,601	22,856	2,345	22,458	141,260	32,554	-	173,814	VMASC	
531742	* ODU	BERRY, C.	19,265	300	1,660	-	21,225	-	-	21,225	VMASC	
531743	* ODU	BERRY, C.	5,583	-	-	-	5,583	-	-	5,583	VMASC	
206401	* MODELING & SIMULATION CO OFF	COLLINS, A.	3,705	281	-	1,147	5,132	1,395	-	6,527	VMASC	
523521	* ODU	COLLINS, A.	707	61	-	814	1,582	-	-	1,582	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	43,754	1,842	-	48,649	94,245	15,755	-	110,000	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	34,870	1,605	-	22,078	58,553	9,484	-	68,036	VMASC	
532781	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	5,053	-	-	-	5,053	2,678	-	7,731	VMASC	
736861	* BOSH GLOBAL SERVICES, INC.	CROLL, M.	127	-	-	-	127	67	-	194	VMASC	
786852	* DIAMOND VISIONICS	CROLL, M.	-	-	-	413	413	-	-	413	VMASC	
225071	* ARMY MED RES COMMAND	CROLL, M.	14,196	382	2,473	29,491	46,542	9,047	-	55,590	VMASC	
282020	* NAVSUP FLEET LOGISTICS NORFOLK	CROLL, M.	34,180	1,185	2,541	-	37,906	14,853	-	52,760	VMASC	
304941	* US PUBLIC HEALTH SERVICE	CROLL, M.	27,295	1,989	1,055	26,337	56,675	22,204	-	78,879	VMASC	
527201	* ODU	CROLL, M.	6,680	-	-	-	6,680	-	-	6,680	VMASC	
716521	* WR SYSTEMS LTD	CROLL, M.	15,803	278	-	-	16,081	8,523	-	24,604	VMASC	
751082	* NATL INST AEROSPACE ASSOC	CROLL, M.	7,865	298	-	-	8,163	4,326	-	12,489	VMASC	
206401	* MODELING & SIMULATION CO OFF	DIALLO, S.	2,223	168	-	688	3,079	837	-	3,916	VMASC	
282016	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	1,075	-	-	-	1,075	451	-	1,526	VMASC	
282020	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	91,146	3,161	6,777	-	101,084	39,609	-	140,692	VMASC	
736821	* CUBIC APPLICATIONS, INC.	DIALLO, S.	6,991	-	-	-	6,991	3,705	-	10,696	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	8,079	-	-	11,067	19,146	5,453	-	24,598	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	DIALLO, S.	5,023	432	-	-	5,455	546	-	6,001	VMASC	
311871	* US PUBLIC HEALTH SERVICE	DIAZ, R.	28,456	1,226	-	2,735	32,417	17,181	-	49,598	VMASC	
514321	* ODU	DIAZ, R.	7,156	182	-	53	7,392	-	-	7,392	VMASC	
516851	* ODU	DIAZ, R.	-	-	-	798	798	-	-	798	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	DIAZ, R.	93,601	22,856	2,345	22,458	141,260	32,554	-	173,814	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	10,772	-	-	14,756	25,528	7,270	-	32,798	VMASC	
514321	* ODU	EZELL, B.	4,089	104	-	30	4,224	-	-	4,224	VMASC	
516832	HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	-	-	-	7	7	4	-	11	VMASC	
522361	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	(2,307)	12,756	-	(1)	10,448	5,537	-	15,985	VMASC	
525531	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	506	-	-	16,558	17,064	6,894	-	23,957	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	40,115	9,795	1,005	9,625	60,540	13,952	-	74,492	VMASC	
530301	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	4,864	322	-	-	5,186	2,748	-	7,934	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	54,693	2,302	-	60,811	117,806	19,694	-	137,500	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	43,587	2,007	-	27,597	73,191	11,855	-	85,046	VMASC	
532781	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	5,053	-	-	-	5,053	2,678	-	7,731	VMASC	
532881	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	-	2,995	-	-	2,995	-	-	2,995	VMASC	
726961	WHITE HOT SECURITY, INC.	EZELL, B.	-	38,224	-	-	38,224	11,085	-	49,309	VMASC	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
525041	* EASTERN VIRGINIA MED. SCHOOL	GARCIA, H.	5,023	432	-	-	5,455	546	-	6,001	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	GILES, B.	40,115	9,795	1,005	9,625	60,540	13,952	-	74,492	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	PADILLA, J.	32,816	1,381	-	36,486	70,684	11,816	-	82,500	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	PADILLA, J.	26,152	1,204	-	16,558	43,915	7,113	-	51,027	VMASC	
282020	* NAVSUP FLEET LOGISTICS NORFOLK	PADILLA, M.	68,359	2,371	5,083	-	75,813	29,707	-	105,519	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	PADILLA, M.	8,079	-	-	11,067	19,146	5,453	-	24,598	VMASC	
225071	* ARMY MED RES COMMAND	PAPELIS, Y.	56,786	1,528	9,891	117,965	186,170	36,188	-	222,358	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	PAPELIS, Y.	5,023	432	-	-	5,455	546	-	6,001	VMASC	
527201	* ODU	PAPELIS, Y.	10,020	-	-	-	10,020	-	-	10,020	VMASC	
531742	* ODU	PAPELIS, Y.	19,265	300	1,660	-	21,225	-	-	21,225	VMASC	
531743	* ODU	PAPELIS, Y.	22,331	-	-	-	22,331	-	-	22,331	VMASC	
715621	* TUNNEL VISION, LLC	PAPELIS, Y.	-	-	-	(10,339)	(10,339)	-	-	(10,339)	VMASC	
716521	* WR SYSTEMS LTD	PAPELIS, Y.	41,087	723	-	-	41,811	22,159	-	63,970	VMASC	
716522	* WR SYSTEMS LTD	PAPELIS, Y.	776	-	-	-	776	411	-	1,187	VMASC	
726291	* OPPORTUNITY, INC.	PAPELIS, Y.	11,005	2,184	-	283	13,472	1,319	-	14,791	VMASC	
736861	* BOSH GLOBAL SERVICES, INC.	PAPELIS, Y.	127	-	-	-	127	67	-	194	VMASC	
751082	* NATL INST AEROSPACE ASSOC	PAPELIS, Y.	18,352	695	-	-	19,047	10,095	-	29,142	VMASC	
786852	* DIAMOND VISIONICS	PAPELIS, Y.	-	-	-	551	551	-	-	551	VMASC	
225071	* ARMY MED RES COMMAND	PARODI, A.	170,357	4,584	29,672	353,895	558,509	108,565	-	667,074	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	PARODI, A.	5,023	432	-	-	5,455	546	-	6,001	VMASC	
721661	DDL OMNI ENGINEERING	PARODI, A.	24,658	-	-	-	24,658	13,069	-	37,727	VMASC	
726291	* OPPORTUNITY, INC.	REESE, T.	8,804	1,747	-	226	10,777	1,055	-	11,832	VMASC	
516861	* VA DEPT OF TRANSPORTATION	ROBINSON, M.	6,076	-	-	-	6,076	729	-	6,805	VMASC	
514421	* VA DEPT OF TRANSPORTATION	ROBINSON, M.	18,645	127	-	-	18,772	1,877	-	20,649	VMASC	
521701	* UNIVERSITY OF IDAHO	ROBINSON, M.	8,862	834	-	-	9,696	5,139	-	14,835	VMASC	
521702	* UNIVERSITY OF IDAHO	ROBINSON, M.	26,532	1,250	(1,250)	-	26,532	14,724	-	41,256	VMASC	
521705	* UNIVERSITY OF IDAHO	ROBINSON, M.	3,457	-	-	-	3,457	1,832	-	5,289	VMASC	
521706	* UNIVERSITY OF IDAHO	ROBINSON, M.	3,664	504	-	-	4,168	2,209	-	6,377	VMASC	
715621	* TUNNEL VISION, LLC	ROBINSON, M.	-	-	-	(6,893)	(6,893)	-	-	(6,893)	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, R.	87,509	3,684	-	97,297	188,490	31,510	-	220,000	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, R.	69,739	3,211	-	44,156	117,106	18,967	-	136,073	VMASC	
533071	* CITY OF VIRGINIA BEACH	ROBINSON, R.	14,697	-	-	6,692	21,389	11,336	-	32,726	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	5,023	432	-	-	5,455	546	-	6,001	VMASC	
523521	* ODU	SEILER, M.	707	61	-	814	1,582	-	-	1,582	VMASC	
532891	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	37,956	-	-	11,861	49,817	26,403	-	76,220	VMASC	
534361	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	21,810	-	-	-	21,810	11,559	-	33,369	VMASC	
206401	* MODELING & SIMULATION CO OFF	SHERFEY, S.	2,223	168	-	688	3,079	837	-	3,916	VMASC	
525531	* VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	506	-	-	16,558	17,064	6,894	-	23,957	VMASC	
282018	* NAVSUP FLEET LOGISTICS NORFOLK	STACIA, J.	3,918	-	-	360	4,278	1,646	-	5,923	VMASC	
			1,649,637	167,213	66,260	1,031,099	2,914,209	725,526	-	3,639,735	24.90%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES			EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS		
ODU Business Gateway												
700201	PRIVATE SPONSORS	BRINKER, J.	131,190	38,704	-	-	169,894	44,172	-	214,066	VATPDC	
700202	PRIVATE SPONSORS	BRINKER, J.	56,911	6,381	753	-	64,045	1,238	-	65,283	VATPDC	
700209	CITY OF NORFOLK	BRINKER, J.	7,711	6	-	-	7,717	-	-	7,717	VATPDC	
700210	PRIVATE SPONSORS	BRINKER, J.	-	14	-	-	14	4	-	18	VATPDC	
700211	PRIVATE SPONSORS	BRINKER, J.	1,285	1,239	-	2,237	4,761	1,238	-	5,999	VATPDC	
700212	PRIVATE SPONSORS	BRINKER, J.	1,142	147	-	-	1,289	335	-	1,624	VATPDC	
700213	PRIVATE SPONSORS	BRINKER, J.	686	6	-	-	692	180	-	872	VATPDC	
700215	PRIVATE SPONSORS	BRINKER, J.	1,024	259	-	-	1,283	334	-	1,617	VATPDC	
700216	PRIVATE SPONSORS	BRINKER, J.	1,988	97	-	375	2,460	640	-	3,100	VATPDC	
700217	PRIVATE SPONSORS	BRINKER, J.	2,689	706	-	-	3,395	883	-	4,278	VATPDC	
700218	PRIVATE SPONSORS	BRINKER, J.	618	-	-	-	618	161	-	779	VATPDC	
700219	PRIVATE SPONSORS	BRINKER, J.	582	10	-	-	592	154	-	746	VATPDC	
700221	PRIVATE SPONSORS	BRINKER, J.	483	937	-	-	1,420	369	-	1,789	VATPDC	
730621	GENEDGE ALLIANCE	BRINKER, J.	134,010	-	-	-	134,010	-	-	134,010	VATPDC	
326841	SMALL BUSINESS ADMIN	DORSEY, C.	31,650	5,280	-	-	36,930	7,386	-	44,316	VATPDC	
334441	US DEPT OF TRANSPORTATION	DORSEY, C.	11,722	8,102	-	-	19,824	5,154	-	24,978	VATPDC	
524831	CRATER PLANNING DISTRICT COMM	DORSEY, C.	54,377	6,547	-	-	60,924	15,840	-	76,764	VATPDC	
530711	ODU	DORSEY, C.	41,602	7,664	-	-	49,266	-	-	49,266	VATPDC	
304615	SMALL BUSINESS ADMIN	ROBERTSON, J.	62,612	19,492	-	-	82,104	21,347	-	103,451	VATPDC	
304616	SMALL BUSINESS ADMIN	ROBERTSON, J.	10,814	10,987	-	10,000	31,801	5,668	-	37,469	VATPDC	
331881	SMALL BUSINESS ADMIN	ROBERTSON, J.	-	43,300	-	-	43,300	-	-	43,300	VATPDC	
520941	CRATER PLANNING DISTRICT COMM	ROBERTSON, J.	62,969	40,355	-	4,297	107,621	-	-	107,621	VATPDC	
721881	GENEDGE ALLIANCE	ROBERTSON, J.	789	-	-	-	789	-	-	789	VATPDC	
784689	* NATL INST AEROSPACE ASSOC	ROBERTSON, J.	9,420	265	-	-	9,685	2,325	-	12,009	VATPDC	
			626,274	190,498	753	16,909	834,434	107,428	-	941,861	12.87%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Association for Consortium Leadership												
100082	PRIVATE DONATIONS	DOTOLO, L.	-	40,570	-	-	40,570	1,623	-	42,193	ACL	
			-	40,570	-	-	40,570	1,623	-	42,193	4.00%	
Virginia Tidewater Consortium for Higher Education												
210171	U.S.JOINT FORCES STAFF COLLEGE	DOTOLO, L.	-	-	-	-	-	(3,810)	-	(3,810)	TRAD	
315681	US DEPT OF EDUCATION	DOTOLO, L.	381,943	51,712	-	-	433,655	32,569	-	466,224	TRAD	
510371	SSTATE COUNCIL HIGHER ED IN VA	DOTOLO, L.	-	-	-	15,079	15,079	1,206	-	16,285	TRAD	
513081	VA DEP OF EMERGENCY MANAGEMENT	DOTOLO, L.	(616)	-	-	52,793	52,177	(31)	-	52,146	TRAD	
513082	VA DEP OF EMERGENCY MANAGEMENT	DOTOLO, L.	-	-	-	73,000	73,000	-	-	73,000	TRAD	
524771	SSTATE COUNCIL HIGHER ED IN VA	DOTOLO, L.	46,272	6,075	-	-	52,347	4,188	-	56,535	TRAD	
525061	VA DEP OF EMERGENCY MANAGEMENT	DOTOLO, L.	48,113	3,682	-	65,540	117,335	15,899	-	133,234	TRAD	
533481	SSTATE COUNCIL HIGHER ED IN VA	DOTOLO, L.	52,461	8,588	-	-	61,049	4,884	-	65,933	TRAD	
720931	RIVERA CONSULTING GROUP, INC.	DOTOLO, L.	1,151	-	-	78	1,229	320	-	1,549	TRAD	
730511	RIVERA CONSULTING GROUP, INC.	DOTOLO, L.	14,069	78	-	-	14,147	3,678	-	17,825	TRAD	
			543,393	70,135	-	206,490	820,018	58,903	-	878,921	7.18%	
Virginia Space Grant Consortium												
331761	NATL SCIENCE FOUNDATION	CARTER, C.	14,850	9,238	-	20,635	44,723	11,530	-	56,253	VSGC	
392181	NATL SCIENCE FOUNDATION	CARTER, C.	25,864	17,467	-	97,680	141,011	11,266	-	152,277	VSGC	
526341	LONGWOOD UNIVERSITY	CARTER, C.	15,699	4,658	-	3,717	24,074	1,629	-	25,703	VSGC	
590891	HAMPTON PUBLIC SCHOOLS	CARTER, C.	37,101	39,170	-	14,487	90,758	6,102	-	96,860	VSGC	
104761	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	-	-	586	586	-	-	586	VSGC	
104762	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	50,560	4,637	-	73,776	128,973	27,599	-	156,572	VSGC	
104763	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	134,732	22,142	-	167,735	324,609	78,437	-	403,046	VSGC	
122501	NASA-LANGLEY RESEARCH CENTER	SANDY, M.	39,749	6,209	-	-	45,958	11,949	-	57,907	VSGC	
122502	NASA-LANGLEY RESEARCH CENTER	SANDY, M.	-	4,930	-	32,940	37,870	1,282	-	39,152	VSGC	
192691	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	37,323	22,168	-	24,028	83,519	15,468	-	98,987	VSGC	
192692	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	588	4,609	-	27,491	32,688	1,351	-	34,039	VSGC	
197531	NASA-LANGLEY RESEARCH CENTER	SANDY, M.	178,398	23,129	-	-	201,527	100,764	-	302,291	VSGC	
390911	FEDERAL AVIATION ADMIN	SANDY, M.	75,851	65,803	-	-	141,654	59,495	-	201,149	VSGC	
390912	FEDERAL AVIATION ADMIN	SANDY, M.	12,176	10,107	-	-	22,283	9,359	-	31,642	VSGC	
390913	FEDERAL AVIATION ADMIN	SANDY, M.	8,942	12,032	-	-	20,974	8,809	-	29,783	VSGC	
397562	US DEPT OF EDUCATION	SANDY, M.	13,652	256	-	9,000	22,908	1,113	-	24,021	VSGC	
501271	SSTATE COUNCIL HIGHER ED IN VA	SANDY, M.	148,753	149,121	-	52,055	349,929	-	-	349,929	VSGC	
523751	SSTATE COUNCIL HIGHER ED IN VA	SANDY, M.	-	-	-	149,500	149,500	-	-	149,500	VSGC	
527481	ODU	SANDY, M.	77,057	21,385	-	14,556	112,998	-	-	112,998	VSGC	
527491	UNIVERSITY OF VIRGINIA	SANDY, M.	11,143	7,260	-	6,925	25,328	-	-	25,328	VSGC	
527501	VA TECH	SANDY, M.	203,085	22,071	-	4,800	229,956	-	-	229,956	VSGC	
700991	NATL INST AEROSPACE ASSOC	SANDY, M.	-	90	-	-	90	23	-	113	VSGC	
704791	NATL INST AEROSPACE ASSOC	SANDY, M.	16,010	444	-	2,800	19,254	4,278	-	23,532	VSGC	
722621	NATL INST AEROSPACE ASSOC	SANDY, M.	18,387	-	-	1,000	19,387	4,781	-	24,168	VSGC	
764465	NATL INST AEROSPACE ASSOC	SANDY, M.	-	-	-	10,000	10,000	-	-	10,000	VSGC	
764466	NATL INST AEROSPACE ASSOC	SANDY, M.	38,932	2,669	-	360,346	401,947	10,816	-	412,763	VSGC	
764467	NATL INST AEROSPACE ASSOC	SANDY, M.	102,451	5,309	-	708,545	816,305	28,018	-	844,323	VSGC	
793284	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	-	-	3,405	3,405	1,846	-	5,251	VSGC	
793285	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	23	-	2,422	2,445	1,661	-	4,106	VSGC	
793286	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	4,599	-	3,577	8,176	1,196	-	9,372	VSGC	
797161	NATL SPACE GRANT FOUNDATION	SANDY, M.	-	-	-	40,600	40,600	-	-	40,600	VSGC	
			1,261,303	459,526	-	1,832,606	3,553,435	398,772	-	3,952,207	11.22%	

**SCHEDULE 4**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PROJECT DIRECT COST					PROJECT IDC AND FEES		TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
			PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES			
Other Miscellaneous Units												
302511	ODU	HINES, J.	59,218	19	-	4,750	63,987	4,739	-	68,726	TRAD	
302512	ODU	HINES, J.	195,509	3,815	-	22,550	221,874	15,946	-	237,820	TRAD	
723541	* AM ASSOC - AFFIRMATIVE ACTION	DUNMAN, R.	-	-	-	-	-	-	-	-	TRAD	
532381	ODU	HUCKLESS, M.	3,120	2,203	-	-	5,323	-	-	5,323	TRAD	
512931	VA TECH	LEWIS, B.	-	359	-	-	359	179	-	538	TRAD	
323571	ODU	TOLLIVER, O.	157,015	7,764	-	11,897	176,676	13,182	-	189,858	TRAD	
371603	ODU	TOLLIVER, O.	82,760	1,112	-	72,226	156,098	6,710	-	162,808	TRAD	
			497,622	15,272	-	111,423	624,317	40,756	-	665,073	6.53%	
<b>TOTAL OFFICE OF RESEARCH AND OTHER UNITS</b>			<b>\$ 5,048,930</b>	<b>\$ 1,056,758</b>	<b>\$ 114,326</b>	<b>\$ 3,204,625</b>	<b>\$ 9,424,639</b>	<b>\$ 1,590,203</b>	<b>\$ -</b>	<b>\$ 11,014,841</b>	<b>16.87%</b>	
<b>GRAND TOTAL</b>			<b>\$ 24,633,625</b>	<b>\$ 5,939,084</b>	<b>\$ 1,268,679</b>	<b>\$ 33,669,603</b>	<b>\$ 65,510,990</b>	<b>\$ 8,466,739</b>	<b>\$ -</b>	<b>\$ 73,977,729</b>	<b>12.92%</b>	

**SCHEDULE 5**

**Enterprise Centers Including Projects Reported as**

**Activity of an Academic Department**

**Fiscal Year 2013**

**SCHEDULE 5**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY**  
**OF AN ACADEMIC DEPARTMENT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PROJECT DIRECT COST					PROJECT IDC AND FEES			TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
<b>APPLIED RESEARCH CENTER</b>														
506411	UNIVERSITY OF VIRGINIA	BAUMGART, H.	4054	18,622	8,723	-	-	27,345	13,673	-	41,018	ARC		
514191	UNIVERSITY OF MARYLAND	BAUMGART, H.	4054	25,826	4,190	-	-	30,016	7,804	-	37,820	ARC		
534421	UNIVERSITY OF VIRGINIA	BAUMGART, H.	4054	5,024	-	-	-	5,024	-	-	5,024	ARC		
715501	MICROXACT, INC.	BAUMGART, H.	4054	6,567	4,501	-	-	11,068	5,534	-	16,602	ARC		
724821	MICROXACT, INC.	BAUMGART, H.	4054	10,617	19,738	24,312	-	54,667	3,241	-	57,908	ARC		
323291	* NATL SCIENCE FOUNDATION	BAUMGART, H.	4054	1,076	24	1,724	-	2,824	583	-	3,407	ARC		
511671	* UNIVERSITY OF TOLEDO	BAUMGART, H.	4054	17	-	-	-	17	10	-	27	ARC		
720561	* TRABANT SOLAR	DHALI, S.	4054	-	-	40,000	-	40,000	-	-	40,000	ARC		
125241	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054	1,578	1,690	-	-	3,268	1,732	-	5,000	ARC		
130241	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054	93,500	-	-	-	93,500	24,310	-	117,810	ARC		
192131	NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054	47,307	1,542	-	-	48,849	12,701	-	61,550	ARC		
323291	* NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054	8,610	194	13,788	-	22,593	4,666	-	27,259	ARC		
351783	NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054	4,472	-	-	-	4,472	1,878	-	6,350	ARC		
511671	* UNIVERSITY OF TOLEDO	ELSAYED-ALI, H.	4054	33	-	-	-	33	20	-	53	ARC		
515911	NORFOLK STATE UNIVERSITY	ELSAYED-ALI, H.	4054	3,147	4,290	-	-	7,437	3,719	-	11,156	ARC		
523941	* ODU	ELSAYED-ALI, H.	4054	3,790	466	-	-	4,256	-	-	4,256	ARC		
532101	ELIZABETH CITY STATE UNIVERSIT	ELSAYED-ALI, H.	4054	430	-	-	-	430	228	-	658	ARC		
712335	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054	25,210	-	-	-	25,210	-	-	25,210	ARC		
717071	NATL INST AEROSPACE ASSOC	ELSAYED-ALI, H.	4054	-	1,275	-	-	1,275	637	-	1,912	ARC		
724621	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054	-	1,040	-	-	1,040	551	-	1,591	ARC		
795261	JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054	34,883	-	-	-	34,883	17,441	-	52,324	ARC		
316341	* US DEPT OF ENERGY	MARSILLAC, S.	4054	54,138	21,428	-	62,612	138,179	58,601	-	196,779	ARC		
511671	* UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054	267	-	-	-	267	160	-	427	ARC		
513021	UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054	(2,869)	(2,351)	-	-	(5,220)	(3,132)	-	(8,352)	ARC		
520551	UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054	17,786	18,879	23,020	-	59,685	19,432	-	79,117	ARC		
524351	UNIVERSITY OF ILLIONIS	MARSILLAC, S.	4054	41,113	30,763	-	-	71,876	38,094	-	109,970	ARC		
720561	* TRABANT SOLAR	MARSILLAC, S.	4054	-	-	120,000	-	120,000	-	-	120,000	ARC		
704711	CERMET, INC.	NAMKOONG, G.	4054	4,810	1,510	-	-	6,320	3,160	-	9,480	ARC		
720071	GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054	-	-	-	2,023	2,023	425	-	2,448	ARC		
723611	GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054	5,011	2,273	-	-	7,284	1,530	-	8,814	ARC		
323291	* NATL SCIENCE FOUNDATION	NAMKOONG, G.	4054	1,076	24	1,724	-	2,824	583	-	3,407	ARC		
511671	* UNIVERSITY OF TOLEDO	NAMKOONG, G.	4054	17	-	-	-	17	10	-	27	ARC		
720561	* TRABANT SOLAR	NAMKOONG, G.	4054	-	-	40,000	-	40,000	-	-	40,000	ARC		
712332	JEFFERSON SCIENCE ASSOCIATES	ELMUSTAFA, A.	4057	48,271	-	-	-	48,271	-	-	48,271	ARC		
704661	NATL INST AEROSPACE ASSOC	LAWRENCE, R.	4059	2,353	-	-	-	2,353	1,177	-	3,530	ARC		
784686	NATL INST AEROSPACE ASSOC	LAWRENCE, R.	4059	55,136	612	-	-	55,748	14,495	-	70,243	ARC		
				517,819	120,812	264,567	64,635	967,834	233,264	-	1,201,097	24.10%		

**SCHEDULE 5**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY**  
**OF AN ACADEMIC DEPARTMENT**  
(MEASURED BY EXPENDITURES INCURRED)  
**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PROJECT DIRECT COST					PROJECT IDC AND FEES			TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
<b>FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS</b>														
294811	*	ARMY MED RES COMMAND	BEEBE, S.	9010	4,073	1,388	-	1,270	6,731	3,277	-	10,008		CBE
713401		ETHICON ENDO-SURGERY, INC.	BEEBE, S.	9010	-	38	-	77	115	58	-	173		CBE
213941	*	ARMY MED RES COMMAND	BEEBE, S.	9010	31,002	6,596	743	-	38,341	21,375	-	59,716		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	BEEBE, S.	9010	16,066	6,558	-	-	22,624	-	-	22,624		CBE
213941	*	ARMY MED RES COMMAND	CHEN, Y. J.	9010	31,002	6,596	743	-	38,341	21,375	-	59,716		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y. J.	9010	11,246	4,591	-	-	15,837	-	-	15,837		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y. J.	9010	13,233	5,152	-	-	18,386	-	-	18,386		CBE
206902	*	OFFICE OF NAVAL RESEARCH	CHEN, Y. J.	9010	110,683	11,804	3,185	3,708	129,380	61,244	-	190,624		CBE
294811	*	ARMY MED RES COMMAND	HARGRAVE, B.	6081	4,073	1,388	-	1,270	6,731	3,277	-	10,008		CBE
213941	*	ARMY MED RES COMMAND	HARGRAVE, B.	6081	27,355	5,820	655	-	33,831	18,860	-	52,691		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	HARGRAVE, B.	6081	13,233	5,152	-	-	18,386	-	-	18,386		CBE
213941	*	ARMY MED RES COMMAND	HELLER, L.	5056	31,002	6,596	743	-	38,341	21,375	-	59,716		CBE
294811	*	ARMY MED RES COMMAND	HELLER, L.	5056	4,073	1,388	-	1,270	6,731	3,277	-	10,008		CBE
213941	*	ARMY MED RES COMMAND	HELLER, R.	5056	31,002	6,596	743	-	38,341	21,375	-	59,716		CBE
294811	*	ARMY MED RES COMMAND	HELLER, R.	5056	4,887	1,666	-	1,524	8,077	3,932	-	12,009		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	5056	4,820	1,967	-	-	6,787	-	-	6,787		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	5056	13,634	5,308	-	-	18,943	-	-	18,943		CBE
533501	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	5056	202	-	-	-	202	61	-	262		CBE
716351		GENERAL ELECTRIC GLOBAL RESCH	HELLER, R.	5056	-	5,096	4,104	-	9,200	-	-	9,200		CBE
531051		ODU	HELLER, R.	5056	-	-	74,401	-	74,401	-	-	74,401		CBE
734461		ONCOSEC MEDICAL, INC.	HELLER, R.	5056	2,015	3,487	-	-	5,502	2,916	-	8,418		CBE
391061		US PUBLIC HEALTH SERVICE	HELLER, R.	5056	124,225	35,181	-	-	159,406	79,703	-	239,109		CBE
391091		US PUBLIC HEALTH SERVICE	HELLER, R.	5056	171,418	134,337	-	-	305,755	152,878	-	458,633		CBE
712451		VANDALIA RESEARCH, INC.	HELLER, R.	5056	48,440	2,733	-	-	51,173	30,703	-	81,876		CBE
294811	*	ARMY MED RES COMMAND	KOLB, J.	4054	4,073	1,388	-	1,270	6,731	3,277	-	10,008		CBE
213941	*	ARMY MED RES COMMAND	KOLB, J.	4054	31,002	6,596	743	-	38,341	21,375	-	59,716		CBE
382011	*	US PUBLIC HEALTH SERVICE	KOLB, J.	4054	5,386	1,416	-	130	6,933	2,857	-	9,790		CBE
294811	*	ARMY MED RES COMMAND	MADHAVAN, P.	6087	1,901	648	-	593	3,141	1,529	-	4,670		CBE
533501	*	CENTER INNOVATIVE TECHNOLOGY	MALIK, M.	9010	403	-	-	-	403	121	-	524		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOV, A.	9010	40,345	14,895	-	-	55,240	27,620	-	82,860		CBE
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	9010	99,844	18,170	35,117	-	153,131	59,007	-	212,137		CBE
382011	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	9010	43,091	11,326	-	1,043	55,461	22,855	-	78,316		CBE
523941	*	ODU	PAKHOMOV, A.	9010	1,895	233	-	-	2,128	-	-	2,128		CBE
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOVA, O.	9010	21,395	3,894	7,525	-	32,814	12,644	-	45,458		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOVA, O.	9010	40,345	14,895	-	-	55,240	27,620	-	82,860		CBE
523941	*	ODU	PAKHOMOVA, O.	9010	1,895	233	-	-	2,128	-	-	2,128		CBE
294811	*	ARMY MED RES COMMAND	SCHOENBACH, K.	4054	4,073	1,388	-	1,270	6,731	3,277	-	10,008		CBE
533501	*	CENTER INNOVATIVE TECHNOLOGY	SCHOENBACH, K.	4054	202	-	-	-	202	61	-	262		CBE
382011	*	US PUBLIC HEALTH SERVICE	SCHOENBACH, K.	4054	5,386	1,416	-	130	6,933	2,857	-	9,790		CBE
786306	*	GENERAL DYNAMICS	SCHOENBACH, K.	4054	30,363	3,122	6,619	-	40,104	16,742	-	56,846		CBE
712641		BREEDEN-ADAMS FOUNDATION	STACEY, M.	9010	4,182	7,174	-	-	11,356	-	-	11,356		CBE
786306	*	GENERAL DYNAMICS	XIAO, S.	4054	70,846	7,286	15,443	-	93,575	39,066	-	132,641		CBE
206901	*	OFFICE OF NAVAL RESEARCH	XIAO, S.	4054	(11,231)	(1,898)	(3,335)	1,491	(14,972)	(6,564)	-	(21,536)		CBE
302401	*	US PUBLIC HEALTH SERVICE	XIAO, S.	4054	21,395	3,894	7,525	-	32,814	12,644	-	45,458		CBE
714131		AMERICAN HEART ASSOCIATION	ZEMLIN, C.	4054	10,195	516	-	3,702	14,413	1,425	-	15,838		CBE
736891		LIFENET TRANSPLANT SERVICES	ZEMLIN, C.	4054	4,473	-	-	-	4,473	2,370	-	6,843		CBE
					1,129,143	356,035	154,954	18,750	1,658,881	696,465	-	2,355,346	41.98%	



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				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
<b>NATIONAL CENTERS FOR SYSTEMS OF SYSTEMS ENGINEERING</b>														
207032	* SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	4060	-	-	-	605	605	264	-	869			NCSOSE
226761	SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	4060	13,059	6,670	-	497	20,226	4,631	-	24,857			NCSOSE
726451	* URS CONSULTANTS	ADAMS, K.	4060	32,976	1,469	-	-	34,445	18,256	-	52,700			NCSOSE
727371	* NORTHROP GRUMMAN	BRADLEY, J.	4060	16,156	-	-	4,385	20,541	5,959	-	26,500			NCSOSE
727461	URS CONSULTANTS	BRADLEY, J.	4060	113,352	915	-	-	114,267	29,709	-	143,976			NCSOSE
732581	SPATIAL INTEGRATED SYSTEMS	BRADLEY, J.	4060	14,119	1,682	-	-	15,801	4,108	-	19,909			NCSOSE
301491	* US DEPT HOMELAND SECURITY	HESTER, P.	4060	216,342	155,284	-	-	371,626	185,813	-	557,439			NCSOSE
100710	PRIVATE SPONSORS	KEATING, C.	4060	-	114	-	-	114	-	-	114			NCSOSE
207032	* SPACE AND NAVAL WARFARE SYSTEM	KEATING, C.	4060	-	-	-	46	46	20	-	65			NCSOSE
301491	* US DEPT HOMELAND SECURITY	KEATING, C.	4060	38,178	27,403	-	-	65,581	32,791	-	98,372			NCSOSE
386221	* US DEPT HOMELAND SECURITY	KEATING, C.	4060	10,462	69	-	-	10,531	4,423	-	14,954			NCSOSE
				454,644	193,606	-	5,532	653,781	285,974	-	939,755		43.74%	
<b>SOCIAL SCIENCE RESEARCH CENTER</b>														
520531	* ODU	RICHMAN, J.	1060	4,819	703	-	1,658	7,180	-	-	7,180.00			SSRC
215691	* DOD NON-TRADITIONAL EDUCATION	VANDECAR-BURDIN, T.	1060	5,431	654	-	-	6,085	608	-	6,693.32			SSRC
230891	* NAVSUP FLEET LOGISTICS NORFOLK	VANDECAR-BURDIN, T.	1060	19,967	132	-	-	20,099	10,653	-	30,751.64			SSRC
396311	* US PUBLIC HEALTH SERVICE	VANDECAR-BURDIN, T.	1060	13,951	793	-	(10)	14,733	7,372	-	22,105.20			SSRC
512831	ODU	VANDECAR-BURDIN, T.	1060	12,936	1,634	-	-	14,570	728	-	15,298.00			SSRC
512832	ODU	VANDECAR-BURDIN, T.	1060	2,473	-	-	-	2,473	124	-	2,597.00			SSRC
514551	ODU	VANDECAR-BURDIN, T.	1060	4,411	4,893	-	4,198	13,502	675	-	14,177.00			SSRC
520531	* ODU	VANDECAR-BURDIN, T.	1060	4,819	703	-	1,658	7,180	-	-	7,180.00			SSRC
524271	ODU	VANDECAR-BURDIN, T.	1060	1,078	5,322	-	1,953	8,353	418	-	8,771.00			SSRC
530321	NEW HAMPSHIRE DEPT-HHS	VANDECAR-BURDIN, T.	1060	26,460	14,253	-	-	40,713	4,071	-	44,784.00			SSRC
532491	ODU	VANDECAR-BURDIN, T.	1060	10,970	16,082	-	-	27,052	1,353	-	28,405.00			SSRC
534641	VA DEPT MENTAL HEALTH	VANDECAR-BURDIN, T.	1060	6,975	932	-	-	7,907	395	-	8,302.00			SSRC
720771	* THE ACADEMY OF MUSIC	VANDECAR-BURDIN, T.	1060	1,285	-	-	534	1,819	182	-	2,000.50			SSRC
723541	* AM ASSOC - AFFIRMATIVE ACTION	VANDECAR-BURDIN, T.	1060	-	-	-	381	381	201	-	582.00			SSRC
732551	* PLANNED PARENTHOOD SE VIRGINIA	VANDECAR-BURDIN, T.	1060	5,680	205	-	-	5,884	1,530	-	7,414.00			SSRC
				121,254	46,305	-	10,372	177,931	28,310	-	206,241		15.91%	
<b>SELF SUPPORTING RESEARCH PROFESSIONALS</b>														
717131	VA ENVIRONMENTAL ENDOWMENT	FILIPPINO, K.	6087	18,967	-	4,800	(350)	23,417	-	-	23,417.00			SSRP
510851	* MD DEPT. OF NATURAL RESOURCES	ASHFORD, J.	6086	4,386	-	-	-	4,386	2,193	-	6,579.00			SSRP
710871	CHILEAN FISHING DEVELOP INST	ASHFORD, J.	6086	48,409	30,712	-	-	79,121	30,242	-	109,363.00			SSRP
321481	NATL SCIENCE FOUNDATION	HILL, V.	6086	69,177	493	39,543	-	109,213	36,925	-	146,138.00			SSRP
720791	CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	6086	-	795	-	-	795	-	-	795.00			SSRP
733131	CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	6086	-	2,608	-	3,696	6,304	196	-	6,500.00			SSRP
				140,939	34,608	44,343	3,346	223,236	69,556	-	292,792		31.16%	

**SCHEDULE 5**  
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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	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
<b>VIRGINIA COASTAL ENERGY RESEARCH CONSORTIUM</b>														
786682	* ACENT LABORATORIES.	SCHAFFRAN, G.	4054	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC		
786682	* ACENT LABORATORIES.	GORDON, A.	6082	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC		
786682	* ACENT LABORATORIES.	MARSHALL, H.	6082	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC		
510131	TEXAS A & M UNIVERSITY	HATCHER, P.	6083	22,840	481	-	-	23,321	11,660	-	34,981	VCERC		
726621	PHYTONIX CORPORATION	HATCHER, P.	6083	10,568	9,645	-	-	20,213	-	-	20,213	VCERC		
731591	AQUA TERRA INTERNATIONAL, LLC	HATCHER, P.	6083	45,693	3,607	-	-	49,300	12,818	-	62,118	VCERC		
786682	* ACENT LABORATORIES.	HATCHER, P.	6083	(70)	(217)	-	-	(287)	(75)	-	(362)	VCERC		
323961	* NATL SCIENCE FOUNDATION	HATCHER, P.	6083	21,907	2,500	-	-	24,407	12,936	-	37,343	VCERC		
323961	* NATL SCIENCE FOUNDATION	WOZNIAK, A.	6083	42,525	4,854	-	-	47,379	25,111	-	72,490	VCERC		
				143,254	20,218	-	-	163,472	62,227	-	225,699	38.07%		
<b>VIRGINIA MODELING, ANALYSIS AND SIMULATION CENTER</b>														
514321	* ODU	LIU, H.	1018	5,112	130	-	38	5,280	-	-	5,280	VMASC		
726291	* OPPORTUNITY, INC.	REED, P.	3042	11,005	2,184	-	283	13,472	1,319	-	14,791	VMASC		
726291	* OPPORTUNITY, INC.	WATSON, G.	3042	11,005	2,184	-	283	13,472	1,319	-	14,791	VMASC		
786852	* DIAMOND VISIONICS	WATSON, G.	3042	-	-	-	207	207	-	-	207	VMASC		
514421	* VA DEPT OF TRANSPORTATION	CETIN, M.	4053	18,645	127	-	-	18,772	1,877	-	20,649	VMASC		
521701	* UNIVERSITY OF IDAHO	CETIN, M.	4053	8,862	834	-	-	9,696	5,139	-	14,835	VMASC		
521702	* UNIVERSITY OF IDAHO	CETIN, M.	4053	26,532	1,250	(1,250)	-	26,532	14,724	-	41,256	VMASC		
533071	* CITY OF VIRGINIA BEACH	CETIN, M.	4053	14,697	-	-	6,692	21,389	11,336	-	32,726	VMASC		
715621	* TUNNEL VISION, LLC	CETIN, M.	4053	-	-	-	(6,893)	(6,893)	-	-	(6,893)	VMASC		
715621	* TUNNEL VISION, LLC	CETIN, M.	4053	-	-	-	(3,446)	(3,446)	-	-	(3,446)	VMASC		
516861	* VA DEPT OF TRANSPORTATION	KHATTAK, A.	4053	12,151	-	-	-	12,151	1,458	-	13,609	VMASC		
533071	* CITY OF VIRGINIA BEACH	KHATTAK, A.	4053	19,596	-	-	8,923	28,519	15,115	-	43,634	VMASC		
715621	* TUNNEL VISION, LLC	KHATTAK, A.	4053	-	-	-	(6,893)	(6,893)	-	-	(6,893)	VMASC		
282016	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	4060	358	-	-	-	358	150	-	509	VMASC		
282017	* NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	4060	8,854	857	-	-	9,711	4,079	-	13,789	VMASC		
716521	* WR SYSTEMS LTD	LEATHRUM, J.	4075	34,766	612	-	-	35,378	18,750	-	54,129	VMASC		
716522	* WR SYSTEMS LTD	LEATHRUM, J.	4075	465	-	-	-	465	247	-	712	VMASC		
716521	* WR SYSTEMS LTD	MIELKE, R.	4075	34,766	612	-	-	35,378	18,750	-	54,129	VMASC		
716522	* WR SYSTEMS LTD	MIELKE, R.	4075	310	-	-	-	310	164	-	475	VMASC		
726291	* OPPORTUNITY, INC.	MIELKE, R.	4075	2,201	437	-	57	2,694	264	-	2,958	VMASC		
523521	* ODU	SHEN, Y.	4075	707	61	-	814	1,582	-	-	1,582	VMASC		
100700	NO AGENCY ASSIGNED	SOKOLOWSKI, J.	4075	1,341	36,604	-	-	37,945	-	-	37,945	VMASC		
206401	* MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	4075	2,223	168	-	688	3,079	837	-	3,916	VMASC		
222321	OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	4075	153,197	-	-	-	153,197	15,320	-	168,517	VMASC		
223101	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	4075	184,744	-	-	-	184,744	18,474	-	203,218	VMASC		
225941	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	-	-	484	484	141	-	625	VMASC		
225951	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	5,485	-	54	5,539	1,607	-	7,146	VMASC		
227471	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	10,047	-	-	10,047	2,914	-	12,961	VMASC		
232441	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	68,400	4,232	-	-	72,632	7,263	-	79,895	VMASC		
282004	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	(3,282)	-	-	(3,282)	(1,149)	-	(4,431)	VMASC		
282019	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	87,423	29,132	-	-	116,555	48,953	-	165,508	VMASC		
282021	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	1,013	-	-	1,013	355	-	1,368	VMASC		
285512	NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	4075	51,643	849	-	-	52,492	13,648	-	66,140	VMASC		
285513	NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	4075	630,056	2,649	-	-	632,705	164,503	-	797,208	VMASC		
286014	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	-	-	(81)	(81)	(28)	-	(109)	VMASC		
286027	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	35,041	-	-	-	35,041	12,264	-	47,305	VMASC		

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PROJECT DIRECT COST					PROJECT IDC AND FEES			TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
286028	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	35,778	509	-	-	36,287	12,700	-	48,987	VMASC		
286029	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	2,844	-	-	9,555	12,399	4,340	-	16,739	VMASC		
286030	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	3,474	-	-	-	3,474	1,216	-	4,690	VMASC		
286031	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	48,731	-	-	-	48,731	17,056	-	65,787	VMASC		
286032	* NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	-	-	-	-	-	-	-	-	VMASC		
286033	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	88,365	-	-	-	88,365	30,928	-	119,293	VMASC		
286034	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	115,599	1,359	-	-	116,958	40,935	-	157,893	VMASC		
286035	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	4075	5,652	14,540	-	-	20,192	7,067	-	27,259	VMASC		
291422	U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	4075	46,899	-	-	-	46,899	4,690	-	51,589	VMASC		
296261	OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	4075	173,123	-	-	-	173,123	5,194	-	178,317	VMASC		
296812	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	4075	176,682	-	-	-	176,682	17,668	-	194,350	VMASC		
513451	HAMPTON ROADS PARTNERSHIP	SOKOLOWSKI, J.	4075	34,711	-	-	-	34,711	-	-	34,711	VMASC		
520461	ODU	SOKOLOWSKI, J.	4075	1,487	-	-	5,819	7,306	-	-	7,306	VMASC		
531741	ODU	SOKOLOWSKI, J.	4075	-	-	-	22,415	22,415	11,880	-	34,295	VMASC		
531742	* ODU	SOKOLOWSKI, J.	4075	4,816	75	415	-	5,306	-	-	5,306	VMASC		
531743	* ODU	SOKOLOWSKI, J.	4075	22,331	-	-	-	22,331	-	-	22,331	VMASC		
533561	* ODU	SOSONKINA, M.	4075	5,821	-	-	-	5,821	-	-	5,821	VMASC		
531742	* ODU	SCERBO, M.	6087	4,816	75	415	-	5,306	-	-	5,306	VMASC		
736821	* CUBIC APPLICATIONS, INC.	BARRACO, A.	9010	6,991	-	-	-	6,991	3,705	-	10,696	VMASC		
206401	* MODELING & SIMULATION CO OFF	BEHR, J.	9010	2,223	168	-	688	3,079	837	-	3,916	VMASC		
282018	* NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	9010	3,918	-	-	360	4,278	1,646	-	5,923	VMASC		
311871	* US PUBLIC HEALTH SERVICE	BEHR, J.	9010	29,134	1,255	-	2,801	33,189	17,590	-	50,779	VMASC		
514321	* ODU	BEHR, J.	9010	4,089	104	-	30	4,224	-	-	4,224	VMASC		
516851	* ODU	BEHR, J.	9010	-	-	-	798	798	-	-	798	VMASC		
530101	* VA DEP OF EMERGENCY MANAGEMENT	BEHR, J.	9010	93,601	22,856	2,345	22,458	141,260	32,554	-	173,814	VMASC		
531742	* ODU	BERRY, C.	9010	19,265	300	1,660	-	21,225	-	-	21,225	VMASC		
531743	* ODU	BERRY, C.	9010	5,583	-	-	-	5,583	-	-	5,583	VMASC		
206401	* MODELING & SIMULATION CO OFF	COLLINS, A.	9010	3,705	281	-	1,147	5,132	1,395	-	6,527	VMASC		
523521	* ODU	COLLINS, A.	9010	707	61	-	814	1,582	-	-	1,582	VMASC		
530721	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	9010	43,754	1,842	-	48,649	94,245	15,755	-	110,000	VMASC		
530722	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	9010	34,870	1,605	-	22,078	58,553	9,484	-	68,036	VMASC		
532781	* VA DEP OF EMERGENCY MANAGEMENT	COLLINS, A.	9010	5,053	-	-	-	5,053	2,678	-	7,731	VMASC		
736861	* BOSH GLOBAL SERVICES, INC.	CROLL, M.	9010	127	-	-	-	127	67	-	194	VMASC		
786852	* DIAMOND VISIONICS	CROLL, M.	9010	-	-	-	413	413	-	-	413	VMASC		
225071	* ARMY MED RES COMMAND	CROLL, M.	9010	14,196	382	2,473	29,491	46,542	9,047	-	55,590	VMASC		
282020	* NAVSUP FLEET LOGISTICS NORFOLK	CROLL, M.	9010	34,180	1,185	2,541	-	37,906	14,853	-	52,760	VMASC		
304941	* US PUBLIC HEALTH SERVICE	CROLL, M.	9010	27,295	1,989	1,055	26,337	56,675	22,204	-	78,879	VMASC		
527201	* ODU	CROLL, M.	9010	6,680	-	-	-	6,680	-	-	6,680	VMASC		
716521	* WR SYSTEMS LTD	CROLL, M.	9010	15,803	278	-	-	16,081	8,523	-	24,604	VMASC		
751082	* NATL INST AEROSPACE ASSOC	CROLL, M.	9010	7,865	298	-	-	8,163	4,326	-	12,489	VMASC		
206401	* MODELING & SIMULATION CO OFF	DIALLO, S.	9010	2,223	168	-	688	3,079	837	-	3,916	VMASC		
282016	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	9010	1,075	-	-	-	1,075	451	-	1,526	VMASC		
282020	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	9010	91,146	3,161	6,777	-	101,084	39,609	-	140,692	VMASC		
736821	* CUBIC APPLICATIONS, INC.	DIALLO, S.	9010	6,991	-	-	-	6,991	3,705	-	10,696	VMASC		
286032	* NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	9010	8,079	-	-	11,067	19,146	5,453	-	24,598	VMASC		
525041	* EASTERN VIRGINIA MED. SCHOOL	DIALLO, S.	9010	5,023	432	-	-	5,455	546	-	6,001	VMASC		

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**FOR FISCAL YEAR 2013**

PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PROJECT DIRECT COST					PROJECT IDC AND FEES			TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
311871	* US PUBLIC HEALTH SERVICE	DIAZ, R.	9010	28,456	1,226	-	2,735	32,417	17,181	-	-	49,598	VMASC	
514321	* ODU	DIAZ, R.	9010	7,156	182	-	53	7,392	-	-	-	7,392	VMASC	
516851	* ODU	DIAZ, R.	9010	-	-	-	798	798	-	-	-	798	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	DIAZ, R.	9010	93,601	22,856	2,345	22,458	141,260	32,554	-	-	173,814	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	9010	10,772	-	-	14,756	25,528	7,270	-	-	32,798	VMASC	
514321	* ODU	EZELL, B.	9010	4,089	104	-	30	4,224	-	-	-	4,224	VMASC	
516832	HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	9010	-	-	-	7	7	4	-	-	11	VMASC	
522361	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	(2,307)	12,756	-	(1)	10,448	5,537	-	-	15,985	VMASC	
525531	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	506	-	-	16,558	17,064	6,894	-	-	23,957	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	40,115	9,795	1,005	9,625	60,540	13,952	-	-	74,492	VMASC	
530301	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	4,864	322	-	-	5,186	2,748	-	-	7,934	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	54,693	2,302	-	60,811	117,806	19,694	-	-	137,500	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	43,587	2,007	-	27,597	73,191	11,855	-	-	85,046	VMASC	
532781	* VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	5,053	-	-	-	5,053	2,678	-	-	7,731	VMASC	
532881	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010	-	2,995	-	-	2,995	-	-	-	2,995	VMASC	
726961	WHITE HOT SECURITY, INC.	EZELL, B.	9010	-	38,224	-	-	38,224	11,085	-	-	49,309	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	GARCIA, H.	9010	5,023	432	-	-	5,455	546	-	-	6,001	VMASC	
530101	* VA DEP OF EMERGENCY MANAGEMENT	GILES, B.	9010	40,115	9,795	1,005	9,625	60,540	13,952	-	-	74,492	VMASC	
530721	* VA DEP OF EMERGENCY MANAGEMENT	PADILLA, J.	9010	32,816	1,381	-	36,486	70,684	11,816	-	-	82,500	VMASC	
530722	* VA DEP OF EMERGENCY MANAGEMENT	PADILLA, J.	9010	26,152	1,204	-	16,558	43,915	7,113	-	-	51,027	VMASC	
282020	* NAVSUP FLEET LOGISTICS NORFOLK	PADILLA, M.	9010	68,359	2,371	5,083	-	75,813	29,707	-	-	105,519	VMASC	
286032	* NAVSUP FLEET LOGISTICS NORFOLK	PADILLA, M.	9010	8,079	-	-	11,067	19,146	5,453	-	-	24,598	VMASC	
225071	* ARMY MED RES COMMAND	PAPELIS, Y.	9010	56,786	1,528	9,891	117,965	186,170	36,188	-	-	222,358	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	PAPELIS, Y.	9010	5,023	432	-	-	5,455	546	-	-	6,001	VMASC	
527201	* ODU	PAPELIS, Y.	9010	10,020	-	-	-	10,020	-	-	-	10,020	VMASC	
531742	* ODU	PAPELIS, Y.	9010	19,265	300	1,660	-	21,225	-	-	-	21,225	VMASC	
531743	* ODU	PAPELIS, Y.	9010	22,331	-	-	-	22,331	-	-	-	22,331	VMASC	
715621	* TUNNEL VISION, LLC	PAPELIS, Y.	9010	-	-	-	(10,339)	(10,339)	-	-	-	(10,339)	VMASC	
716521	* WR SYSTEMS LTD	PAPELIS, Y.	9010	41,087	723	-	-	41,811	22,159	-	-	63,970	VMASC	
716522	* WR SYSTEMS LTD	PAPELIS, Y.	9010	776	-	-	-	776	411	-	-	1,187	VMASC	
726291	* OPPORTUNITY, INC.	PAPELIS, Y.	9010	11,005	2,184	-	283	13,472	1,319	-	-	14,791	VMASC	
736861	* BOSH GLOBAL SERVICES, INC.	PAPELIS, Y.	9010	127	-	-	-	127	67	-	-	194	VMASC	
751082	* NATL INST AEROSPACE ASSOC	PAPELIS, Y.	9010	18,352	695	-	-	19,047	10,095	-	-	29,142	VMASC	
786852	* DIAMOND VISIONICS	PAPELIS, Y.	9010	-	-	-	551	551	-	-	-	551	VMASC	
225071	* ARMY MED RES COMMAND	PARODI, A.	9010	170,357	4,584	29,672	353,895	558,509	108,565	-	-	667,074	VMASC	
525041	* EASTERN VIRGINIA MED. SCHOOL	PARODI, A.	9010	5,023	432	-	-	5,455	546	-	-	6,001	VMASC	
721661	DDL OMNI ENGINEERING	PARODI, A.	9010	24,658	-	-	-	24,658	13,069	-	-	37,727	VMASC	
726291	* OPPORTUNITY, INC.	REESE, T.	9010	8,804	1,747	-	226	10,777	1,055	-	-	11,832	VMASC	
516861	* VA DEPT OF TRANSPORTATION	ROBINSON, M.	9010	6,076	-	-	-	6,076	729	-	-	6,805	VMASC	
514421	* VA DEPT OF TRANSPORTATION	ROBINSON, M.	9010	18,645	127	-	-	18,772	1,877	-	-	20,649	VMASC	
521701	* UNIVERSITY OF IDAHO	ROBINSON, M.	9010	8,862	834	-	-	9,696	5,139	-	-	14,835	VMASC	

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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	CENTER
				PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES				
521702	* UNIVERSITY OF IDAHO	ROBINSON, M.	9010	26,532	1,250	(1,250)	-	26,532	14,724	-	-	41,256		VMASC
521705	* UNIVERSITY OF IDAHO	ROBINSON, M.	9010	3,457	-	-	-	3,457	1,832	-	-	5,289		VMASC
521706	* UNIVERSITY OF IDAHO	ROBINSON, M.	9010	3,664	504	-	-	4,168	2,209	-	-	6,377		VMASC
715621	* TUNNEL VISION, LLC	ROBINSON, M.	9010	-	-	-	(6,893)	(6,893)	-	-	-	(6,893)		VMASC
530721	* VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, R.	9010	87,509	3,684	-	97,297	188,490	31,510	-	-	220,000		VMASC
530722	* VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, R.	9010	69,739	3,211	-	44,156	117,106	18,967	-	-	136,073		VMASC
533071	* CITY OF VIRGINIA BEACH	ROBINSON, R.	9010	14,697	-	-	6,692	21,389	11,336	-	-	32,726		VMASC
525041	* EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	9010	5,023	432	-	-	5,455	546	-	-	6,001		VMASC
523521	* ODU	SEILER, M.	9010	707	61	-	814	1,582	-	-	-	1,582		VMASC
532891	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	9010	37,956	-	-	11,861	49,817	26,403	-	-	76,220		VMASC
534361	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	9010	21,810	-	-	-	21,810	11,559	-	-	33,369		VMASC
206401	* MODELING & SIMULATION CO OFF	SHERFEY, S.	9010	2,223	168	-	688	3,079	837	-	-	3,916		VMASC
525531	* VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	9010	506	-	-	16,558	17,064	6,894	-	-	23,957		VMASC
282018	* NAVSUP FLEET LOGISTICS NORFOLK	STACIA, J.	9010	3,918	-	-	360	4,278	1,646	-	-	5,923		VMASC
				<b>3,844,866</b>	<b>279,955</b>	<b>65,840</b>	<b>1,070,098</b>	<b>5,260,760</b>	<b>1,258,994</b>	<b>-</b>	<b>-</b>	<b>6,519,754</b>	<b>23.93%</b>	
				<b>6,351,919</b>	<b>1,051,539</b>	<b>529,704</b>	<b>1,172,733</b>	<b>9,105,895</b>	<b>2,634,789</b>	<b>-</b>	<b>-</b>	<b>11,740,684</b>	<b>28.93%</b>	

**SCHEDULE 6**

**Sponsored Program Activity**

**Proposals Submitted and Awards Funded**

**Fiscal Year 2013 through Fiscal Year 2009**

**SCHEDULE 6**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF PROPOSAL AND AWARD ACTIVITY**  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 13	FY 12	FY 11	FY 10	FY 09	FY 13	FY 12	FY 11	FY 10	FY 09
<b>COLLEGE OF ARTS &amp; LETTERS</b>										
Art	\$ -	\$ 2,000	\$ -	\$ -	\$ 13,901	\$ -	\$ -	\$ -	\$ 4,000	\$ -
Communication & Theatre Arts	666,900	658,122	378,393	26,008	-	-	36,914	-	-	4,000
English	131,445	172,993	790,497	1,227,082	5,000	1,000	5,190	28,000	7,000	6,000
Foreign Languages & Literatures	264,126	286,320	289,016	-	-	-	-	-	-	-
History	-	282,471	124,216	426,164	-	54,770	54,119	67,279	114,518	-
International Studies	-	-	70,364	37,123	-	-	-	62,863	-	-
Music	-	-	-	-	-	-	-	-	-	2,150
Philosophy & Religious Studies	750	6,000	-	41,730	39,000	-	6,000	-	-	-
Political Science & Geography	433,142	273,642	124,445	564,980	650,609	137,564	69,104	137,795	61,104	-
Social Science Research Center	344,229	170,087	1,547,378	4,325,693	516,250	198,595	192,514	199,063	154,510	246,000
Sociology & Criminal Justice	3,531,183	3,565,580	2,798,191	4,453,347	7,379,578	21,344	28,032	294,530	101,771	718,834
Dean's Office	1,500	23,000	-	211,557	335,000	32,843	33,452	34,728	24,678	-
<b>College Total</b>	<b>\$ 5,373,275</b>	<b>\$ 5,440,213</b>	<b>\$ 6,122,500</b>	<b>\$ 11,313,684</b>	<b>\$ 8,939,338</b>	<b>\$ 446,116</b>	<b>\$ 425,325</b>	<b>\$ 824,258</b>	<b>\$ 467,581</b>	<b>\$ 976,984</b>
% Change from prior year	-1.23%	-11.14%	-45.88%	26.56%	243.38%	4.89%	-48.40%	76.28%	-52.14%	76.18%
Average yearly increase ( decrease)	21.28%					-3.91%				
<b>COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION</b>										
Business Administration	\$ 143,983	\$ 25,000	\$ 316,190	\$ 25,969	\$ 233,304	\$ -	\$ 25,000	\$ 20,414	\$ 20,400	\$ -
Economics	138,278	217,927	62,863	318,498	103,765	21,264	57,000	178,686	110,743	-
Information Systems/Decision Science	865,639	2,082,854	2,235,288	2,413,349	714,100	-	-	122,860	39,775	16,000
Urban Studies/Public Administration	366,125	10,311	25,000	-	-	100,610	10,311	-	-	-
<b>College Total</b>	<b>\$ 1,514,025</b>	<b>\$ 2,336,092</b>	<b>\$ 2,639,341</b>	<b>\$ 2,757,816</b>	<b>\$ 1,051,169</b>	<b>\$ 121,874</b>	<b>\$ 92,311</b>	<b>\$ 321,960</b>	<b>\$ 170,918</b>	<b>\$ 16,000</b>
% Change from prior year	-35.19%	-11.49%	-4.30%	162.36%	1.76%	32.03%	-71.33%	88.37%	968.24%	-97.23%
Average yearly increase ( decrease)	9.31%					-15.78%				

**SCHEDULE 6**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF PROPOSAL AND AWARD ACTIVITY**  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 13	FY 12	FY 11	FY 10	FY 09	FY 13	FY 12	FY 11	FY 10	FY 09
<b>COLLEGE OF EDUCATION</b>										
Communication Disorders and Special Education	\$ 9,107,728	\$ 5,943,532	\$ 6,171,344	\$ 5,041,168	\$ 7,322,228	\$ 3,711,358	\$ 3,259,642	\$ 3,187,588	\$ 3,346,819	\$ 3,316,359
Counseling and Human Services	183,230	1,425,579	848,506	1,782,072	-	129,517	339,320	159,390	122,296	-
Educational Foundations and Leadership	154,489	614,091	2,664,722	5,332,188	2,284,565	373,272	404,244	875,387	421,403	517,248
Foundations and Special Programs	-	2,499,569	-	-	-	12,862	2,513,493	115,530	-	75,718
Human Movement Sciences	1,981,547	1,565,251	374,613	2,593,799	1,588,913	133,708	86,846	168,569	243,455	320,100
STEM Education and Professional Studies	4,243,227	7,649,832	8,508,920	3,335,275	626,608	537,396	5,805,751	480,077	547,131	141,368
Teaching and Learning	1,306,713	1,939,159	2,325,956	3,550,149	8,026,316	491,280	314,973	287,389	1,335,197	497,911
Dean's Office	2,512,082	19,782,746	2,334,004	23,576,157	424,152	615,489	18,429,015	608,516	437,563	416,616
<b>College Total</b>	<b>\$ 19,489,016</b>	<b>\$ 41,419,758</b>	<b>\$ 23,228,065</b>	<b>\$ 45,210,808</b>	<b>\$ 20,272,782</b>	<b>\$ 6,004,882</b>	<b>\$ 31,153,283</b>	<b>\$ 5,882,446</b>	<b>\$ 6,453,864</b>	<b>\$ 5,285,320</b>
% Change from prior year	-52.95%	78.32%	-48.62%	123.01%	72.37%	-80.72%	429.60%	-8.85%	22.11%	-0.47%
Average yearly increase ( decrease)	13.14%					2.62%				
<b>COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b>										
Applied Research Center - ARC	\$ -	\$ 17,683	\$ -	\$ 429,017	\$ 2,695,646		\$ 17,683	\$ -	\$ 340,132	\$ 673,994
Center for Advanced Engineering Environments	-	-	-	1,560,082	259,997		-	-	-	-
Civil & Environmental Engineering	8,536,172	4,881,800	4,260,964	1,453,608	3,489,863	757,245	844,041	299,694	445,086	508,882
Electrical & Computer Engineering	14,083,036	24,536,911	12,973,247	13,920,878	11,856,729	2,861,655	3,424,884	2,639,491	1,049,854	1,493,337
Engineering Career Management Center	-	10,000	-	-	-		10,000	-	-	-
Engineering Management	2,763,197	1,336,310	1,958,801	4,476,188	10,390,149	372,042	723,907	2,101,582	1,723,657	2,600,585
Engineering Technology	4,139,876	1,597,989	4,518,166	5,325,095	4,529,801	283,030	887,780	823,206	361,963	1,254,062
Mechanical & Aerospace Engineering	7,692,370	5,556,802	9,940,935	13,059,685	14,686,416	951,108	591,550	1,369,758	1,998,318	1,953,965
Mid-Atlantic Institute for Space & Technology	-	25,720	406,226	149,400	465,805		28,220	429,426	9,829	725,500
Modeling, Simulation & Visualization Engineering	5,077,335	9,729,742	5,264,256			1,408,708	479,129	27,400		
National Centers Systems of Systems Engineering	438,809	-	16,546,781			357,304	27,075	347,325		
VA Commercial Space Flight Authority	122,082	10,125,000	1,379,000	8,534,858	26,397,118	68,889,898	10,739,429	32,849,923	39,352,079	1,401,457
Dean's Office	836,629	432,856	155,987	2,659,664	659,304	57,261	85,224	274,805	389,571	164,888
<b>College Total</b>	<b>\$ 43,689,506</b>	<b>\$ 58,250,812</b>	<b>\$ 57,404,363</b>	<b>\$ 51,568,475</b>	<b>\$ 75,430,828</b>	<b>\$ 75,938,251</b>	<b>\$ 17,858,923</b>	<b>\$ 41,162,610</b>	<b>\$ 45,670,489</b>	<b>\$ 10,776,670</b>
% Change from prior year	-25.00%	1.47%	11.32%	-31.63%	2.92%	325.21%	-56.61%	-9.87%	323.79%	28.50%
Average yearly increase ( decrease)	-8.08%					161.09%				



**SCHEDULE 6**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF PROPOSAL AND AWARD ACTIVITY**  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 13	FY 12	FY 11	FY 10	FY 09	FY 13	FY 12	FY 11	FY 10	FY 09
<b>COLLEGE OF HEALTH SCIENCES</b>										
Community & Environmental Health	\$ 1,212,534	\$ 538,529	\$ 1,325,485	\$ 2,574,781	\$ 4,544,682	\$ 506,107	\$ 83,556	\$ 613,682	\$ 489,447	\$ 157,749
Dental Hygiene	255,746	261,896	64,285	478,516	587,817	140,942	5,005	109,226	201,436	55,480
Medical Laboratory & Radiation Sciences	1,722,427	5,345,670	7,855,557	3,711,986	9,328,479	992,787	1,672,699	344,701	1,768,579	1,393,490
Nursing	4,229,650	4,817,710	650,432	824,843	1,866,576	820,280	555,091	729,305	576,450	388,774
Physical Therapy	954,085	1,034,839	1,227,535	3,529,373	2,148,358	254,513	150,911	124,814	57,300	51,999
Dean's Office	-	-	61,665	6,918	225,000	28,465	-	-	-	-
<b>College Total</b>	<b>\$ 8,374,442</b>	<b>\$ 11,998,643</b>	<b>\$ 11,184,959</b>	<b>\$ 11,126,417</b>	<b>\$ 18,700,912</b>	<b>\$ 2,743,094</b>	<b>\$ 2,467,262</b>	<b>\$ 1,921,728</b>	<b>\$ 3,093,212</b>	<b>\$ 2,047,492</b>
% Change from prior year	-30.21%	7.27%	0.53%	-40.50%	171.84%	11.18%	28.39%	-37.87%	51.07%	38.07%
Average yearly increase ( decrease)	4.35%					16.99%				
<b>COLLEGE OF SCIENCES</b>										
Biological Sciences	\$ 10,128,824	\$ 5,325,038	\$ 8,619,724	\$ 5,198,087	\$ 7,644,920	\$ 1,735,051	\$ 1,321,654	\$ 3,675,113	\$ 2,420,560	\$ 1,894,772
Center for Coastal Physical Oceanography	4,439,394	3,594,568	2,675,835	3,970,227	3,364,980	182,833	2,292,725	1,565,393	2,027,931	995,137
Center for Coastal Physical Oceanography - SSRF	-	-	-	187,158	201,789	-	-	-	100,540	49,712
Center for Computational Sciences	-	-	219,468	39,479	32,500	-	-	7,500	-	-
Chemistry and Biochemistry	30,062,563	101,038,641	19,006,149	15,638,301	22,363,771	5,092,803	215,038	1,437,438	4,332,500	2,249,275
Chemistry and Biochemistry - SSRP	-	-	364,188	1,669,908	-	-	-	-	215,151	-
Computer Science	10,939,445	7,961,175	12,897,276	7,878,715	3,758,987	550,503	1,346,785	2,582,535	1,023,263	962,002
Mathematics and Statistics	3,984,100	3,624,977	2,540,800	5,344,584	4,423,786	769,616	692,762	440,108	733,943	1,103,165
Mathematics and Statistics - SSRP	-	-	-	-	-	-	-	-	-	-
Ocean, Earth & Atmospheric Sciences	12,008,009	14,550,385	14,572,249	8,882,682	10,975,538	4,961,211	4,257,127	2,220,720	4,087,125	2,767,949
Ocean, Earth & Atmospheric Sciences - SSRP	-	-	1,343,302	821,359	1,587,398	-	-	1,114,439	120,566	317,144
Physics	13,900,363	16,821,400	22,685,461	10,183,866	10,591,531	3,394,163	3,449,043	3,690,496	4,283,847	2,101,647
Psychology	4,334,235	9,800,833	9,644,329	7,843,658	5,642,140	1,677,716	1,133,371	1,636,293	1,211,482	1,131,846
Dean's Office	15,790	-	121,173	1,535,218	415,539	6,607	6,528	15,472	4,964	12,598
<b>College Total</b>	<b>\$ 89,812,723</b>	<b>\$ 162,717,018</b>	<b>\$ 94,689,954</b>	<b>\$ 69,193,242</b>	<b>\$ 71,002,879</b>	<b>\$ 18,370,503</b>	<b>\$ 14,715,033</b>	<b>\$ 18,385,507</b>	<b>\$ 20,561,872</b>	<b>\$ 13,585,247</b>
% Change from prior year	-44.80%	71.84%	36.85%	-2.55%	40.62%	24.84%	-19.96%	-10.58%	51.35%	6.29%
Average yearly increase ( decrease)	15.58%					8.74%				

**SCHEDULE 6**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF PROPOSAL AND AWARD ACTIVITY**  
**FISCAL YEAR 2013 THROUGH FISCAL YEAR 2009**

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 13	FY 12	FY 11	FY 10	FY 09	FY 13	FY 12	FY 11	FY 10	FY 09
<b>OFFICE OF RESEARCH AND OTHER UNITS</b>										
Office of Research	\$ -	\$ -	\$ -	\$ -	\$ 880,224	\$ -	\$ -	\$ -	\$ -	\$ 33,000
VMASC: Virginia Modeling, Analysis & Simulation Center	19,345,791	9,490,476	16,198,850	13,101,894	70,759,038	3,934,928	7,332,597	8,176,644	8,129,936	8,428,550
Frank Reidy Research Center for Bioelectrics	11,335,871	6,683,144	6,965,367	6,948,774	24,044,692	389,680	1,316,061	1,616,322	760,527	1,694,885
ODU Business Gateway	2,082,237	1,060,000	1,459,544	420,647	345,169	1,319,813	310,000	339,718	300,000	249,130
Office of Distance Learning	-	-	-	-	1,942,490	-	-	100,000	45,000	-
VA Tidewater Consortium for Higher Education	944,035	9,718,349	1,419,745	1,223,007	-	723,170	927,958	1,090,774	599,170	480,170
VA Space Grant Consortium	7,096,444	1,312,378	5,172,691	6,004,974	16,093,936	5,620,555	3,573,754	3,009,878	4,748,090	5,467,810
Micellaneous Units	1,016,962	1,003,451	79,300	347,865	988,799	806,790	649,059	664,599	353,077	993,631
<b>Total Non-University Activity</b>	<b>\$ 41,821,340</b>	<b>\$ 29,267,799</b>	<b>\$ 31,295,497</b>	<b>\$ 28,047,161</b>	<b>\$ 115,054,348</b>	<b>\$ 12,794,936</b>	<b>\$ 14,109,429</b>	<b>\$ 14,997,935</b>	<b>\$ 14,935,800</b>	<b>\$ 17,347,176</b>
% Change from prior year	42.89%	-6.48%	11.58%	-75.62%	47.05%	-9.32%	-5.92%	0.42%	-13.90%	24.35%
Average yearly increase ( decrease)	-9.31%					-1.66%				
<b>GRAND TOTAL</b>	<b>\$ 210,074,327</b>	<b>\$ 311,430,334</b>	<b>\$ 226,564,679</b>	<b>\$ 219,217,603</b>	<b>\$ 310,452,256</b>	<b>\$ 116,419,656</b>	<b>\$ 80,821,565</b>	<b>\$ 83,496,444</b>	<b>\$ 91,353,736</b>	<b>\$ 50,034,889</b>
<b>% CHANGE FROM PRIOR YEAR</b>	<b>-32.55%</b>	<b>37.46%</b>	<b>3.35%</b>	<b>-29.39%</b>	<b>38.41%</b>	<b>44.05%</b>	<b>-3.20%</b>	<b>-8.60%</b>	<b>82.58%</b>	<b>16.24%</b>
Average yearly increase ( decrease)	-1.27%					34.09%				