Old Dominion University Research Foundation

To: Distribution

From: Julian F. Facenda
Interim Executive Director

Date: November 19, 2012

Subject: Annual Report of Sponsored Program Activity - June 30, 2012

Attached please find the Annual Report of Sponsored Program Activity for the fiscal year ended June 30, 2012. 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, 2012 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.

Some key points to note are as follows:

- The average yearly increase for the past five fiscal periods is 26.24%

- Sponsored program activity of $92.0 million is a 3.9% decrease from fiscal year 2011. The development of space launch capabilities for the Virginia Commercial Space Flight Authority being conducted at Wallops Island, Virginia continued to have a significant impact upon reported results.

- The top five funding sources for the fiscal year were:

Orbital Sciences Corporation	$ 33.0 million
Virginia Department of Transportation	$ 11.3 million
National Science Foundation	$ 7.3 million
National Space and Aeronautics Administration	$ 4.9 million
U.S. Department of the Navy	$ 3.5 million

These five agencies represent 65.2% of total sponsored research activity

- 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	$ 47.6 million
Virginia Space Grant Consortium	$ 3.9 million
Ocean, Earth and Atmospheric Sciences	$ 3.8 million
Modeling, Simulation and Visualization	$ 3.6 million
Physics	$ 3.4 million
Communication Disorders and Special Education	$ 3.2 million
Biological Sciences	$ 2.6 million
Electrical and Computer Engineering	$ 2.3 million
Chemistry and Biochemistry	$ 1.7 million
Engineering Management and Systems Engineering	$ 1.5 million
Virginia Modeling, Analysis and Simulation Center - core only	$ 1.5 million
Computer Science	$ 1.5 million
Center for Coastal Physical Oceanography	$ 1.4 million
Mechanical and Aerospace Engineering	$ 1.3 million
Psychology	$ 1.3 million
Medical Laboratory and Radiation Sciences	$ 1.2 million
Frank Reidy Research Center for Bioelectrics – core only	$ 1.1 million

- Proposal submissions during fiscal year 2012 increased 37.46% over fiscal year 2011 to $311.4 million dollars. Awards funded during fiscal year 2012 decreased 3.2% from fiscal year 2011 levels. Awards funded have experienced an average yearly increase of 17.49% for the five year period since fiscal year 2007.

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

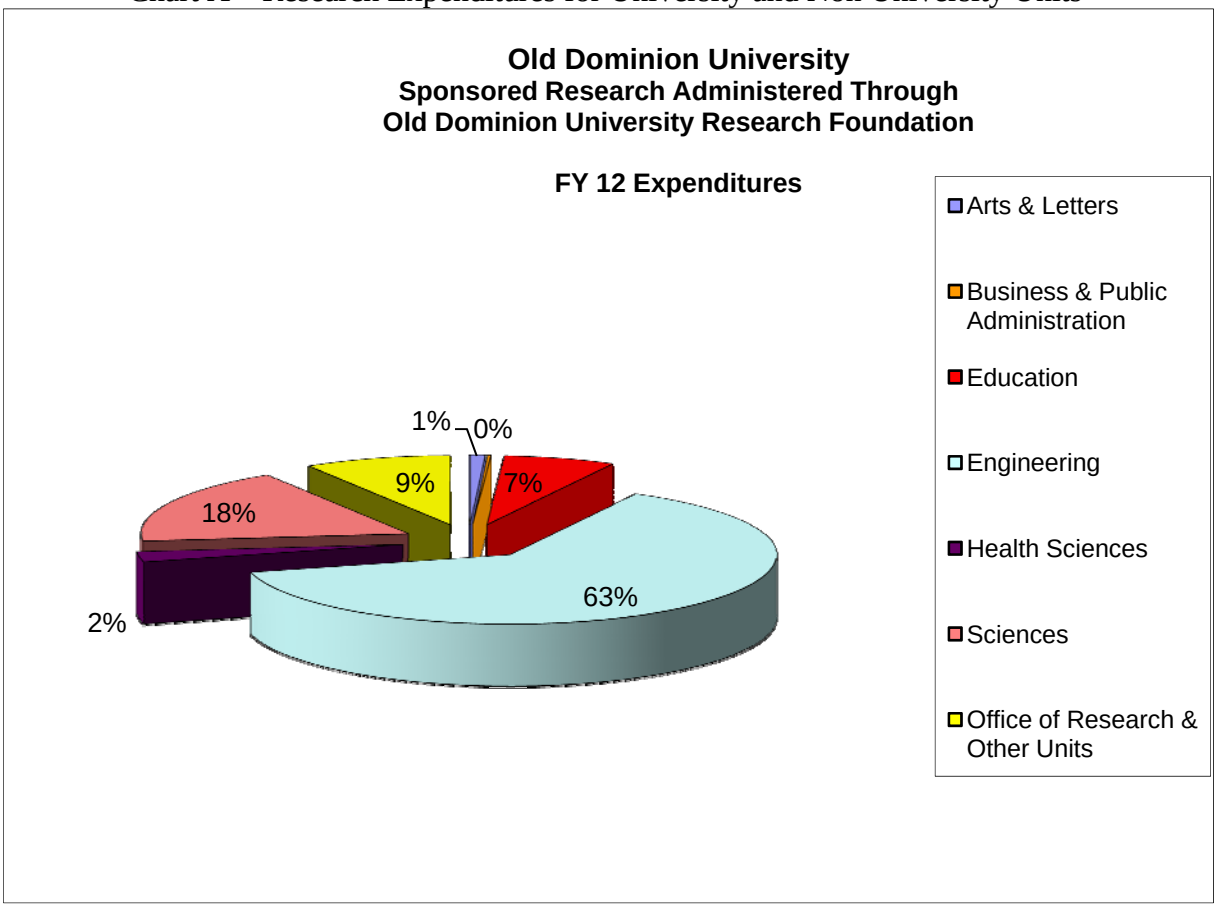
This chart indicates percentage of total research expenditures for fiscal year 2012 for each college and reporting unit.

Chart B – Proposals Submitted and Awards Funded

This chart indicates the growth in proposal submissions from $224.3 million during fiscal year 2008 to $311.4 million dollars during fiscal year 2012. Awards funded during this same period grew from $43.0 million to $80.8 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



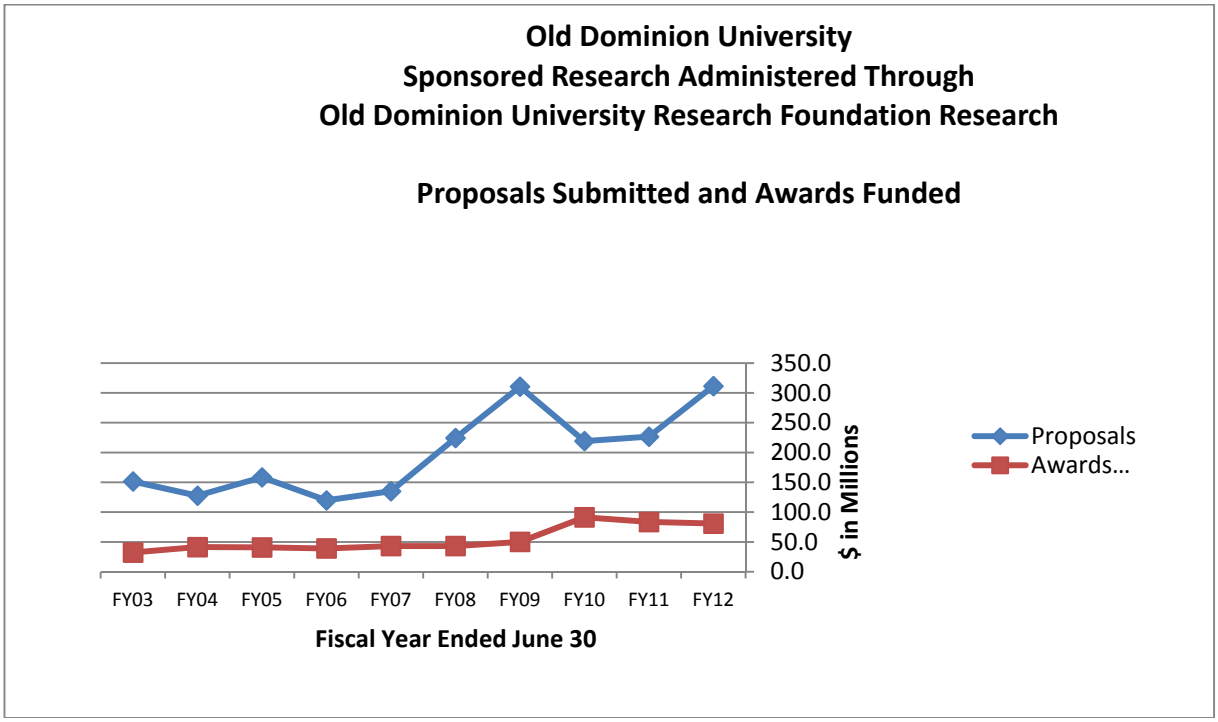


Chart B – Proposals Submitted and Awards Funded

DISTRIBUTION

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University Vice Presidents
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OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY

FISCAL YEAR ENDED JUNE 30, 2012

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SCHEDULE 1

Summary of Sponsored Program Activity

Fiscal Year 2012 through Fiscal Year 2007

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2007

	FY 12	FY 11	FY10	FY 09	FY 08	FY 07
COLLEGE OF ARTS & LETTERS						
Art	$ -	$ -	$ 2,125	$ -	$ -	$ -
Communication & Theatre Arts	48,536	-	-	4,000	-	-
English	65,224	71,219	4,103	5,774	6,000	5,000
Foreign Languages/Literatures	-	-	-	2,775	16,685	1,517
History	91,433	65,469	82,079	15,177	18,158	17,449
Interdisciplinary Studies	-	-	-	-	-	177
International Studies	46,027	4,642	-	-	-	-
Music	-	-	-	2,150	2,500	-
Political Science & Geography	23,290	70,744	28,113	21,464	138,862	62,380
Political Science & Geography - VMASC	18,433	4,648	-	-	-	199,280
Social Science Research Center	243,088	233,307	154,975	225,158	200,344	205,211
Sociology & Criminal Justice	239,320	257,408	359,629	313,245	279,840	192,443
Sociology & Criminal Justice - SSRC	-	-	-	-	-	3,161
Dean's Office	23,384	22,745	4,582	-	-	-
College Total	$ 798,735	$ 730,182	$ 635,606	$ 589,743	$ 662,389	$ 686,618
% Change from prior year	9.39%	14.88%	7.78%	-10.97%	-3.53%	-2.76%
Average yearly increase (decrease)	3.27%	0.68%				
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION						
Business Administration	$ 52,626	$ 17,015	$ 10,489	$ 4,878	$ 370	$ -
Economics	21,757	90,745	105,526	59,013	87,268	40,542
Finance	14,559	-	-	-	-	-
Information Systems & Decision Sciences	78,903	167,758	173,490	73,872	62,028	1,670
Marketing	9,365	-	-	-	-	-
Urban Studies/Public Administration	6,286	-	-	-	-	-
College Total	$ 183,496	$ 275,518	$ 289,505	$ 137,763	$ 149,666	$ 42,212
% Change from prior year	-33.40%	-4.83%	110.15%	-7.95%	254.56%	-37.54%
Average yearly increase (decrease)	66.94%	61.54%				

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2007

	FY 12	FY 11	FY10	FY 09	FY 08	FY 07
COLLEGE OF EDUCATION						
Communication Disorders and Special Education	$ 3,194,382	$ 3,248,813	$ 3,275,062	$ 3,073,083	$ 3,574,986	$ 3,167,043
Counseling and Human Services	215,922	110,907	87,505	-	-	-
Educational Foundations and Leadership	580,643	401,698	484,770	216,866	218,669	303,896
Human Movement Sciences	97,348	185,799	327,419	317,386	225,484	121,528
STEM Education and Professional Studies	590,967	321,972	303,415	128,662	93,280	312,571
STEM Education and Professional Studies - VMASC	14,641	30,884	11,991	5,250		
Teaching and Learning	559,851	604,761	670,977	655,457	581,855	689,783
Dean's Office	960,009	449,301	400,783	531,947	550,173	638,222
College Total	$ 6,213,763	$ 5,354,135	$ 5,561,922	$ 4,928,651	$ 5,244,447	$ 5,233,043
% Change from prior year	16.06%	-3.74%	12.85%	-6.02%	0.22%	10.17%
Average yearly increase (decrease)	3.75%	2.54%				
COLLEGE OF ENGINEERING & TECHNOLOGY						
Center for Advanced Engineering Environments	-	-	-	224	94,764	317,081
Civil & Environmental Engineering	485,587	389,651	364,783	412,546	389,098	447,761
Civil & Environmental Engineering - VMASC	43,301	41,764	6,566	-	-	-
Civil & Environmental Engineering - VCERC	4,300	12,662	7,192	-	-	-
Electrical & Computer Engineering	816,527	644,279	1,050,755	1,317,005	1,610,851	1,174,396
Electrical & Computer Engineering - ARC	1,157,799	611,638	480,703	595,540	495,046	470,450
Electrical & Computer Engineering - Bioelectrics	317,659	400,282	161,570	263,461	917,867	1,027,431
Electrical & Computer Engineering - VMASC	-	-	57,056	100,976	252,106	500,252
Engineering Management	688,481	957,042	1,562,507	1,218,850	761,417	67,469
Engineering Management - VMASC	142,118	146,282	169,574	1,384,087	2,828,411	522,799
Engineering Management - NCSOSE	717,507	730,794	-	-	-	-
Modeling, Simulation & Visualization	119,867	51,558	-	-	-	-
Engineering Technology	614,291	776,324	536,432	389,161	395,462	147,370
Engineering Technology - ARC	88,882	30,492	64,999	86,248	88,782	-
Mechanical & Aerospace Engineering	1,242,792	1,293,941	2,354,101	1,758,908	1,428,893	1,067,408
Mechanical & Aerospace Engineering - ARC	55,977	117,938	47,503	168,863	167,260	-
Mechanical & Aerospace Engineering - VMASC	16,493	166,435	60,740	176,139	-	-
Mechanical & Aerospace Engineering - SSRP	-	-	-	-	-	-
Virginia Commercial Space Flight Authority	47,604,863	49,382,878	24,517,685	6,762,552	1,109,704	1,753,662
Virginia Space Flight Academy	82,658	56,354	96,219	121,471	110,356	106,571
Mid-Atlantic Institute for Space & Technology	190,374	256,734	203,015	797,849	1,354,151	2,192,574
Dean's Office	137,429	398,815	433,946	207,210	270,261	442,766
Dean's Office - ARC	-	-	20,754	39,608	38,347	-
College Total	$ 54,526,905	$ 56,465,863	$ 32,196,100	$ 15,800,698	$ 12,312,776	$ 10,237,990
% Change from prior year	-3.43%	75.38%	103.76%	28.33%	20.27%	-19.14%
Average yearly increase (decrease)	86.52%	69.19%				

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2007

	FY 12	FY 11	FY10	FY 09	FY 08	FY 07
COLLEGE OF HEALTH SCIENCES						
Community & Environmental Health	$ 319,145	$ 297,653	$ 249,497	$ 220,894	$ 96,314	$ 49,664
Community & Environmental Health - SSRC	-	-	-	-	-	1,557
Community & Environmental Health - VMASC	-	-	77,583	63,266	41,575	-
Dental Hygiene	69,632	83,879	125,411	91,004	51,665	18,733
Medical Laboratory & Radiation Sciences	-	8,497	15,726	19,468	70,376	37,616
Medical Laboratory & Radiation Sciences - Bioelectrics	1,180,562	1,515,678	1,032,746	472,285	-	958
Medical Laboratory & Radiation Sciences - VMASC	-	-	11,342	40,325	8,003	24,910
Nursing	523,484	701,203	533,702	539,373	362,137	468,643
Physical Therapy	113,829	69,079	60,986	103,022	60,825	54,138
Dean's Office	-	1,182	1,118	60,138	121,411	95,269
College Total	$ 2,206,652	$ 2,677,171	$ 2,108,111	$ 1,609,775	$ 812,306	$ 751,488
% Change from prior year	-17.58%	26.99%	30.96%	98.17%	8.09%	12.18%
Average yearly increase (decrease)	38.73%	59.93%				
COLLEGE OF SCIENCES						
Biological Sciences	$ 2,445,856	$ 2,214,734	$ 2,276,708	$ 2,083,372	$ 2,193,431	$ 2,267,911
Biological Sciences - Bioelectrics	134,103	135,409	-	4,748	-	-
Biological Sciences - VMASC	9,575	86,042	-	-	-	-
Biological Sciences - VCERC	8,606	25,324	14,384	-	-	-
Center for Coastal Physical Oceanography	1,347,043	1,277,236	1,060,131	868,182	922,097	1,094,736
Center for Coastal Physical Oceanography - SSRP	72,204	117,335	-	45,794	112,941	73,265
Center for Computational Science	-	-	-	108,684	222,807	246,327
Chemistry and Biochemistry	1,544,599	1,891,124	1,486,940	1,499,396	1,742,679	1,734,386
Chemistry and Biochemistry - VCERC	154,597	598,453	980,231	1,259,570	855,308	-
Computer Science	1,452,774	1,242,474	1,078,741	1,063,960	1,205,207	1,005,430
Mathematics and Statistics	681,077	539,225	802,198	632,000	551,191	485,554
Mathematics and Statistics - SSRP	-	-	-	-	-	21,336
Ocean, Earth & Atmospheric Sciences	3,413,924	2,706,297	2,336,580	2,702,650	2,804,667	1,961,042
Ocean, Earth & Atmospheric Sciences - SSRP	430,276	304,710	200,660	162,633	158,457	103,037
Ocean, Earth & Atmospheric Sciences - Bioelectrics	-	-	-	14,067	6,539	-
Physics	3,385,594	2,660,860	2,121,443	1,919,102	1,727,286	1,368,251
Physics - ARC	-	1,390	5,807	19,240	-	-
Psychology	1,269,229	1,133,080	676,795	622,539	685,130	697,430
Psychology - Bioelectrics	25,832	63,191	-	-	-	-
Psychology - VMASC	-	7,260	31,170	9,074	15,176	36,003
Dean's Office	11,769	4,563	6,215	14,609	-	181
College Total	$ 16,387,058	$ 15,008,707	$ 13,078,003	$ 13,029,620	$ 13,202,916	$ 11,094,889
% Change from prior year	9.18%	14.76%	0.37%	-1.31%	19.00%	0.98%
Average yearly increase (decrease)	9.54%	7.32%				

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2007

	FY 12	FY 11	FY10	FY 09	FY 08	FY 07
OFFICE OF RESEARCH AND OTHER UNITS						
Office of Research	$ -	$ 1,000	$ 27,924	$ -	$ 15,332	$ 111,650
VMASC: Virginia Modeling, Analysis & Simulation Center	5,000,309	7,730,181	7,252,718	6,273,554	5,597,514	7,034,562
Frank Reidy Research Center for Bioelectrics	1,085,548	976,348	1,093,686	1,316,054	311,949	59,490
Office of Distance Learning	-	411,788	306,911	229,333	752,312	141,183
ODU Business Gateway	338,640	255,148	240,260	412,080	403,912	321,299
Association for Consortium Leadership	39,881	78,187	56,286	42,982	45,600	48,696
National University Teleconference Network	-	-	-	39	11,113	85,043
Virginia Tidewater Consortium for Higher Education	695,035	759,734	519,232	497,102	478,798	452,144
Virginia Space Grant Consortium	3,884,710	4,327,100	3,285,165	3,014,328	3,061,674	3,464,182
Miscellaneous ODU Units	604,562	677,383	638,197	452,825	(1,769)	13,857
Total Other Units	$ 11,648,685	$ 15,216,869	$ 13,420,379	$ 12,238,297	$ 10,676,435	$ 11,732,106
% Change from prior year	-23.45%	13.39%	9.66%	14.63%	-9.00%	50.02%
Average yearly increase (decrease)	-0.14%	18.92%				
GRAND TOTAL	$ 91,965,294	$ 95,728,445	$ 67,289,626	$ 48,334,547	$ 43,060,935	$ 39,778,346
% CHANGE FROM PRIOR YEAR	-3.93%	42.26%	39.22%	12.25%	8.25%	5.62%
Average yearly increase (decrease)	26.24%	30.83%				

SCHEDULE 2

Summary of Sponsored Program Activity

Major Funding Source

Fiscal Year 2012 through Fiscal Year 2008

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SUMMARY OF SPONSORED PROGRAM ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

FUNDING SOURCE / AGENCY	FY12 Amount	FY12 Percent of Total	FY11 Amount	FY11 Percent of Total	FY10 Amount	FY10 Percent of Total	FY09 Amount	FY09 Percent of Total	FY08 Amount	FY08 Percent of Total
FEDERAL										
National Science Foundation	$ 7,302,331	7.9%	$ 7,276,280	7.6%	$ 5,963,890	8.9%	$ 5,270,765	10.9%	$ 4,961,984	11.5%
National Aeronautics & Space Administration	4,939,958	5.4%	27,558,102	28.8%	8,431,234	12.5%	3,828,848	7.9%	4,895,965	11.4%
U.S. Department of The Navy	3,463,287	3.8%	5,342,632	5.6%	5,928,338	8.8%	5,974,913	12.4%	7,232,693	16.8%
U.S. Department of Health & Human Services	3,229,603	3.5%	3,722,176	3.9%	2,784,319	4.1%	1,620,916	3.4%	1,139,632	2.6%
U.S. Department of Education	2,135,707	2.3%	1,394,209	1.5%	818,337	1.2%	637,619	1.3%	622,999	1.4%
U.S. Department of Energy	1,565,418	1.7%	1,561,562	1.6%	1,228,359	1.8%	916,187	1.9%	1,052,335	2.4%
U.S. Department of Defense - Other	1,456,419	1.6%	1,541,382	1.6%	1,358,704	2.0%	828,016	1.7%	559,157	1.3%
U.S. Department of The Army	1,012,559	1.1%	1,137,002	1.2%	323,851	0.5%	257,768	0.5%	236,411	0.5%
U.S. Department of Homeland Security	989,436	1.1%	1,027,702	1.1%	841,071	1.2%	674,691	1.4%	-	0.0%
Library of Congress	375,009	0.4%	281,385	0.3%	-	0.0%	-	0.0%	-	0.0%
Federal Aviation Administration	346,490	0.4%	188,688	0.2%	226,920	0.3%	146,151	0.3%	178,757	0.4%
Institut of Museum and Library SVC	212,573	0.2%	148,748	0.2%	194,039	0.3%	220,298	0.5%	269,082	0.6%
National Oceanic & Atmospheric Administration	190,789	0.2%	226,049	0.2%	188,541	0.3%	83,519	0.2%	65,328	0.2%
Small Business Administration	168,524	0.2%	115,258	0.1%	5,223	0.0%	-	0.0%	-	0.0%
U.S. Department of Transportation	105,693	0.1%	137,806	0.1%	-	0.0%	-	0.0%	-	0.0%
U.S. Department of The Air Force	100,405	0.1%	290,640	0.3%	260,313	0.4%	238,778	0.5%	673,681	1.6%
U.S. Marine Corp	-	0.0%	-	0.0%	549,168	0.8%	759,002	1.6%	1,159,816	2.7%
Other Federal	429,426	0.5%	148,806	0.2%	131,769	0.2%	250,901	0.5%	67,938	0.2%
SUBTOTAL FEDERAL	$ 28,023,627	30.0%	$ 52,098,427	54.3%	$ 29,234,076	43.2%	$ 21,708,372	44.4%	$ 23,115,778	53.5%
STATE & LOCAL GOVERNMENT AND AGREEMENTS WITH OTHER UNIVERSITIES										
Virginia Department of Transportation	$ 11,335,591	12.3%	$ 156,677	0.2%	$ 132,945	0.2%	$ 24,926	0.1%	$ -	0.0%
Old Dominion University - See Note	5,475,936	6.0%	4,842,012	5.1%	5,572,124	8.3%	6,216,801	12.9%	5,630,624	13.1%
Virginia Department of Environmental Quality	1,054,885	1.1%	1,243,321	1.3%	997,988	1.5%	1,111,449	2.3%	1,053,723	2.4%
Virginia General Assembly	893,677	1.0%	9,210,900	9.6%	11,854,571	17.6%	5,690,558	11.8%	87,850	0.2%
University of Toledo	546,788	0.6%	138,199	0.1%	-	0.0%	-	0.0%	-	0.0%
Virginia Marine Resources Commission	392,947	0.4%	368,298	0.4%	293,042	0.4%	324,185	0.7%	345,165	0.8%
State Council of Higher Education for Virginia	390,783	0.4%	419,977	0.4%	45,900	0.1%	174,462	0.4%	194,500	0.5%
Virginia Department of Emergency Management	333,192	0.4%	595,526	0.6%	-	0.0%	4,955	0.0%	339,187	0.8%
Virginia Department of Motor Vehicles	216,711	0.2%	210,070	0.2%	155,253	0.2%	144,147	0.3%	108,664	0.3%
Eastern Virginia Medical School	197,914	0.2%	160,853	0.2%	317,591	0.5%	394,078	0.8%	716,366	1.7%
Virginia Institute of Marine Sciences	189,869	0.2%	161,333	0.2%	314,388	0.5%	148,315	0.3%	102,756	0.2%
Hampton Public Schools	187,163	0.2%	161,706	0.2%	118,523	0.2%	39,383	0.1%	-	0.0%
Florida Fish and Wildlife Conservation Commission	115,519	0.1%	99,375	0.1%	130,153	0.2%	57,949	0.1%	107,799	0.3%
State University of New Jersey	110,690	0.1%	89,376	0.1%	125,029	0.2%	156,103	0.3%	-	0.0%
Virginia Tech	97,520	0.1%	99,963	0.1%	-	0.0%	49,222	0.1%	-	0.0%
University of California	87,317	0.1%	72,199	0.1%	127,729	0.2%	109,823	0.2%	98,144	0.2%
Worcester County	73,915	0.1%	80,194	0.1%	197,572	0.3%	212,835	0.4%	103,919	0.2%
City of Norfolk	47,757	0.1%	85,569	0.1%	178,110	0.3%	138,119	0.3%	82,073	0.2%
Virginia Tobacco Commission	47,530	0.1%	170,839	0.2%	213,734	0.3%	-	0.0%	-	0.0%
Other State & Local	1,832,080	2.0%	1,069,195	1.1%	2,076,258	3.1%	2,246,642	4.6%	3,031,047	7.0%
SUBTOTAL STATE & LOCAL	$ 23,627,784	23.7%	$ 19,435,582	19.2%	$ 22,850,910	30.9%	$ 17,243,952	31.0%	$ 12,001,817	20.8%

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY BY MAJOR FUNDING SOURCE

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

FUNDING SOURCE / AGENCY	FY12 Amount	FY12 Percent of Total	FY11 Amount	FY11 Percent of Total	FY10 Amount	FY10 Percent of Total	FY09 Amount	FY09 Percent of Total	FY08 Amount	FY08 Percent of Total
PRIVATE AND OTHER SPONSORS										
Orbital Sciences Corporation	$ 32,965,214	35.8%	$ 15,842,961	16.5%	$ 7,187,177	10.7%	$ 180,000	0.4%	$ 1,900	0.0%
National Institute of Aerospace	1,607,636	1.7%	1,458,507	1.5%	1,316,699	2.0%	1,805,084	3.7%	1,661,402	3.9%
Jefferson Science Associates	1,245,453	1.4%	1,140,203	1.2%	809,071	1.2%	673,407	1.4%	782,873	1.8%
Niowave, Inc.	234,555	0.3% `	113,670	0.1%	-	0.0%	-	0.0%	-	0.0%
Advanced Anti-Terror Technologies, Inc.	209,214	0.2%	246,212	0.3%	237,485	0.4%	92,495	0.2%	32,353	0.1%
Oak Ridge Associated Universities	181,263	0.2%	174,232	0.2%	-	0.0%	-	0.0%	-	0.0%
World Conservation Union	180,968	0.2%	214,062	0.2%	177,419	0.3%	231,092	0.5%	254,709	0.6%
VMASC Memberships	150,347	0.2%	253,971	0.3%	209,376	0.3%	134,084	0.3%	73,306	0.2%
Genedge Alliance (formerly Philpott Manufacturing)	139,005	0.2%	139,890	0.1%	158,207	0.2%	133,838	0.3%	150,000	0.3%
Tetra Tech, Inc	103,847	0.1%	111,221	0.1%	-	0.0%	-	0.0%	-	0.0%
Raytheon Company	99,334	0.1%	113,281	0.1%	-	0.0%	-	0.0%	-	0.0%
General Dynamics	93,870	0.1%	60,483	0.1%	332,548	0.5%	345,089	0.7%	159,581	0.4%
National Space Grant Consortium	91,738	0.1%	85,038	0.1%	20,000	0.0%	110,250	0.2%	132,551	0.3%
General Command of Gandarme	45,178	0.0%	262,404	0.3%	273,213	0.4%	109,104	0.2%	118,141	0.3%
American Diabetes Association	24,951	0.0%	177,483	0.2%	186,856	0.3%	154,406	0.3%	58,669	0.1%
Lockheed Martin Corporation	-	0.0%	630,362	0.7%	-	0.0%	-	0.0%	-	0.0%
ITA International, Inc.	-	0.0%	408,058	0.4%	305,694	0.5%	178,622	0.4%	843,091	2.0%
Batelle National Biodefense Institute	-	0.0%	109,261	0.1%	56,790	0.1%	68,939	0.1%	-	0.0%
Systems Engineering Soultions, Inc.	-	0.0%	108,597	0.1%	-	0.0%	-	0.0%	-	0.0%
Intrexon Corporation	-	0.0%	90,256	0.1%	130,563	0.2%	-	0.0%	-	0.0%
Magne Motion, Incorporated	-	0.0%	57,428	0.1%	124,579	0.2%	243,847	0.5%	18,578	0.0%
Muons, Inc.	-	0.0%	57,007	0.1%	111,071	0.2%	75,914	0.2%	42,435	0.1%
Opportunity, Inc.	-	0.0%	51,267	0.1%	183,674	0.3%	-	0.0%	-	0.0%
Bioelectrics, Inc.	-	0.0%	42,215	0.0%	84,167	0.1%	73,619	0.2%	32,177	0.1%
Other Private Sponsors	2,941,310	3.2%	2,246,367	2.3%	3,300,051	4.9%	4,772,433	9.9%	3,581,574	8.3%
SUBTOTAL PRIVATE	$ 40,313,883	40.6%	$ 24,194,436	22.9%	$ 15,204,640	17.7%	$ 9,382,223	9.5%	$ 7,943,340	10.1%
TOTAL	$ 91,965,294	94.3%	$ 95,728,445	96.4%	$ 67,289,626	91.8%	$ 48,334,547	85.0%	$ 43,060,935	84.5%
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	$ 3,867,461	4.2%	$ 3,516,430	3.7%	$ 3,865,186	5.7%	$ 3,685,220	7.6%	$ 3,441,821	8.0%
Virginia General Assembly	1,347,478	1.5%	1,039,823	1.1%	1,276,459	1.9%	2,261,112	4.7%	1,837,022	4.3%
Virginia Department Of Mental Health & Retardation	34,656	0.0%	53,387	0.1%	56,369	0.1%	68,088	0.1%	49,235	0.1%
State Council of Higher Education for Virginia	30,570	0.0%	55,308	0.1%	170,526	0.3%	101,948	0.2%	-	0.0%
Virginia Department Of Health	26,252	0.0%	39,966	0.0%	17,663	0.0%	38,709	0.1%	50,773	0.1%
Virginia Department of Motor Vehicles	-	0.0%	29,446	0.0%	63,734	0.1%	15,666	0.0%	-	0.0%
Other ODU	169,519	0.2%	107,652	0.1%	122,187	0.2%	46,058	0.1%	251,773	0.6%
Old Dominion University Total	$ 5,475,936	6.0%	$ 4,842,012	5.1%	$ 5,572,124	8.3%	$ 6,216,801	12.9%	$ 5,630,624	13.1%

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

SCHEDULE 3

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

Fiscal Year 2012 through Fiscal Year 2010

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 2012 THROUGH FISCAL YEAR 2010

	Fiscal Year 2012				Fiscal Year 2011				Fiscal Year 2010			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF ARTS AND LETTERS												
Dean's Office	$ 22,717	$ 667	$ 23,384	2.9%	$ 22,100	$ 645	$ 22,745	2.9%	$ 4,260	$ 322	$ 4,582	7.6%
Art	-	-	$ -	0.0%	-	-	-	0.0%	2,125	-	2,125	0.0%
Communication and Theatre Arts	42,590	5,946	$ 48,536	14.0%	-	-	-	0.0%	-	-	-	0.0%
English	63,444	1,780	$ 65,224	2.8%	69,927	1,292	71,219	1.8%	4,103	-	4,103	0.0%
Foreign Languages/literatures			$ -	0.0%	-	-	-	0.0%	-	-	-	0.0%
History	89,098	2,335	$ 91,433	2.6%	63,748	1,721	65,469	2.7%	80,337	1,742	82,079	2.2%
International Studies	43,016	$3,011	$ 46,027	7.0%	4,338	304	4,642	7.0%	-	-	-	0.0%
Music			$ -	0.0%	-	-	-	0.0%	-	-	-	0.0%
Political Science & Geography	19,669	3,621	$ 23,290	18.4%	62,512	8,232	70,744	13.2%	21,521	6,592	28,113	30.6%
Political Science & Geography - VMASC	18,433	-	$ 18,433	0.0%	4,648	-	4,648	0.0%	-	-	-	0.0%
Sociology & Criminal Justice	177,064	62,256	$ 239,320	35.2%	214,881	42,527	257,408	19.8%	317,099	42,530	359,629	13.4%
Social Science Research Center	204,131	38,957	$ 243,088	19.1%	190,988	42,319	233,307	22.2%	130,369	24,606	154,975	18.9%
College Total	$ 680,162	$ 118,573	$ 798,735	17.4%	$ 633,142	$ 97,040	$ 730,182	15.3%	$ 559,814	$ 75,792	$ 635,606	13.5%
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION												
Business Administration	$ 48,448	$ 4,178	$ 52,626	8.6%	$ 16,712	$ 303	$ 17,015	1.8%	$ 9,753	$ 736	$ 10,489	7.5%
Economics	14,506	7,251	$ 21,757	50.0%	60,617	30,128	$ 90,745	49.7%	75,327	30,199	$ 105,526	40.1%
Finance	14,559	-	$ 14,559	0.0%	-	-	$ -	0.0%	-	-	$ -	0.0%
Information Systems / Decision Sciences	53,288	25,615	$ 78,903	48.1%	122,244	45,514	$ 167,758	37.2%	126,642	46,848	$ 173,490	37.0%
Marketing	9,365	-	$ 9,365	0.0%	-	-	$ -	0.0%	-	-	$ -	0.0%
Urban Studies	6,286	-	$ 6,286	0.0%	-	-	$ -	0.0%	-	-	$ -	0.0%
College Total	$ 146,452	$ 37,044	$ 183,496	25.3%	$ 199,573	$ 75,945	$ 275,518	38.1%	$ 211,722	$ 77,783	$ 289,505	36.7%
COLLEGE OF EDUCATION												
Dean's Office	$ 842,037	$ 117,972	$ 960,009	14.0%	$ 421,099	$ 28,202	$ 449,301	6.7%	$ 366,383	$ 34,400	$ 400,783	9.4%
Communication Disorders and Special Education	2,997,353	197,029	3,194,382	6.6%	3,017,882	230,931	3,248,813	7.7%	3,047,159	227,903	3,275,062	7.5%
Counseling and Human Services	207,723	8,199	215,922	3.9%	109,363	1,544	110,907	1.4%	87,150	355	87,505	0.4%
Educational Foundations and Leadership	512,859	67,784	580,643	13.2%	357,255	44,443	401,698	12.4%	426,590	58,180	484,770	13.6%
Human Movement Sciences	91,639	5,709	97,348	6.2%	161,032	24,767	185,799	15.4%	272,386	55,033	327,419	20.2%
STEM Education and Professional Studies	537,166	53,801	590,967	10.0%	299,250	22,722	321,972	7.6%	273,951	29,464	303,415	10.8%
STEM Education and Professional Studies - VMASC	10,289	4,352	14,641	42.3%	25,961	4,923	30,884	19.0%	10,901	1,090	11,991	10.0%
Teaching and Learning	463,988	95,863	559,851	20.7%	502,397	102,364	604,761	20.4%	560,791	110,186	670,977	19.6%
College Total	$ 5,663,054	$ 550,709	$ 6,213,763	9.7%	$ 4,894,239	$ 459,896	$ 5,354,135	9.4%	$ 5,045,311	$ 516,611	$ 5,561,922	10.2%

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 2012 THROUGH FISCAL YEAR 2010

	Fiscal Year 2012				Fiscal Year 2011				Fiscal Year 2010			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF ENGINEERING												
Dean's Office	$ 125,318	$ 12,111	$ 137,429	9.7%	$ 376,575	$ 22,240	$ 398,815	5.9%	$ 404,673	$ 29,273	$ 433,946	7.2%
Dean's Office - ARC	-	-	-	0.0%	-	-	-	0.0%	14,616	6,138	20,754	42.0%
Center for Advanced Engineering Environments	-	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%
Civil & Environmental Engineering	433,047	52,540	485,587	12.1%	319,402	70,249	389,651	22.0%	301,521	63,262	364,783	21.0%
Civil & Environmental Engineering - VMASC	33,424	9,877	43,301	29.6%	32,653	9,111	41,764	27.9%	4,624	1,942	6,566	42.0%
Civil & Environmental Engineering - VCERC	3,413	887	4,300	26.0%	10,049	2,613	12,662	26.0%	5,708	1,484	7,192	26.0%
Electrical & Computer Engineering	649,104	167,423	816,527	25.8%	515,179	129,100	644,279	25.1%	825,781	224,974	1,050,755	27.2%
Electrical & Computer Engineering - ARC	881,547	276,252	1,157,799	31.3%	456,246	155,392	611,638	34.1%	353,568	127,135	480,703	36.0%
Electrical & Computer Engineering - Bioelectrics	240,584	77,075	317,659	32.0%	274,381	125,901	400,282	45.9%	125,622	35,948	161,570	28.6%
Electrical & Computer Engineering - VMASC	-	-	-	0.0%	-	-	-	0.0%	40,523	16,533	57,056	40.8%
Engineering Management	536,453	152,028	688,481	28.3%	765,212	191,830	957,042	25.1%	1,235,695	326,812	1,562,507	26.4%
Engineering Management - VMASC	100,082	42,036	142,118	42.0%	108,110	38,172	146,282	35.3%	119,405	50,169	169,574	42.0%
Engineering Management - NCSOSE	492,724	224,783	717,507	45.6%	519,092	211,702	730,794	40.8%	-	-	-	0.0%
Mechanical & Aerospace Engineering	927,739	315,053	1,242,792	34.0%	1,017,384	276,557	1,293,941	27.2%	2,047,215	306,886	2,354,101	15.0%
Mechanical & Aerospace Engineering - ARC	55,977	-	55,977	0.0%	113,771	4,167	117,938	3.7%	35,466	12,037	47,503	33.9%
Mechanical & Aerospace Engineering - VMASC	11,583	4,910	16,493	42.4%	111,707	54,728	166,435	49.0%	43,458	17,282	60,740	39.8%
Engineering Technology	516,238	98,053	614,291	19.0%	615,337	160,987	776,324	26.2%	427,856	108,576	536,432	25.4%
Engineering Technology - ARC	69,941	18,941	88,882	27.1%	20,328	10,164	30,492	50.0%	47,051	17,948	64,999	38.1%
Modeling, Simulation & Visualization	93,680	26,187	119,867	28.0%	37,001	14,557	51,558	39.3%	-	-	-	0.0%
Virginia Commercial Space Flight Authority	47,479,362	125,501	47,604,863	0.3%	49,032,344	350,534	49,382,878	0.7%	24,395,216	122,469	24,517,685	0.5%
Virginia Space Flight Academy	82,658	-	82,658	0.0%	56,354	-	56,354	0.0%	96,219	-	96,219	0.0%
Mid-Atlantic Institute for Space & Technology	190,374	-	190,374	0.0%	256,638	96	256,734	0.0%	196,529	6,486	203,015	3.3%
College Total	$ 52,923,248	$ 1,603,657	$ 54,526,905	3.0%	$ 54,637,763	$ 1,828,100	$ 56,465,863	3.3%	$ 30,720,746	$ 1,475,354	$ 32,196,100	4.8%
COLLEGE OF HEALTH SCIENCES												
Dean's Office	$ -	$ -	$ -	0.0%	$ 1,182	$ -	$ 1,182	0.0%	$ 1,118	$ -	$ 1,118	0.0%
Community & Environmental Health	240,714	78,431	319,145	32.6%	204,023	93,630	297,653	45.9%	192,124	57,373	249,497	29.9%
Community & Environmental Health - VMASC			-	0.0%	-	-	-	0.0%	68,187	9,396	77,583	13.8%
Dental Hygiene	50,657	18,975	69,632	37.5%	59,708	24,171	83,879	40.5%	98,302	27,109	125,411	27.6%
Medical Laboratory & Radiation Sciences			-	0.0%	8,241	256	8,497	3.1%	12,481	3,245	15,726	26.0%
Medical Laboratory & Radiation Sciences - Bioelectrics	813,691	366,871	1,180,562	45.1%	1,032,453	483,225	1,515,678	46.8%	700,075	332,671	1,032,746	47.5%
Medical Laboratory & Radiation Sciences - VMASC			-	0.0%	-	-	-	0.0%	11,342	-	11,342	0.0%
Nursing	489,469	34,015	523,484	6.9%	653,432	47,771	701,203	7.3%	499,535	34,167	533,702	6.8%
Physical Therapy	88,103	25,726	113,829	29.2%	58,694	10,385	69,079	17.7%	51,941	9,045	60,986	17.4%
College Total	$ 1,682,634	$ 524,018	$ 2,206,652	31.1%	$ 2,017,733	$ 659,438	$ 2,677,171	32.7%	$ 1,635,105	$ 473,006	$ 2,108,111	28.9%

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 2012 THROUGH FISCAL YEAR 2010

	Fiscal Year 2012				Fiscal Year 2011				Fiscal Year 2010			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF SCIENCES												
Dean's Office	$ 11,434	$ 335	$ 11,769	2.9%	$ 4,434	$ 129	$ 4,563	2.9%	$ 4,583	$ 1,632	$ 6,215	35.6%
Biological Sciences	2,113,611	332,245	$ 2,445,856	15.7%	1,905,702	309,032	2,214,734	16.2%	1,967,538	309,170	2,276,708	15.7%
Biological Sciences - CBE	95,843	38,260	$ 134,103	39.9%	89,603	45,806	135,409	51.1%	-	-	-	0.0%
Biological Sciences - VMASC	8,866	709	$ 9,575	8.0%	74,158	11,884	86,042	16.0%				
Biological Sciences - VCERC	6,830	1,776	$ 8,606	26.0%	20,098	5,226	25,324	26.0%	11,416	2,968	14,384	26.0%
Center for Coastal Physical Oceanography	988,548	358,495	$ 1,347,043	36.3%	990,108	287,128	1,277,236	29.0%	792,461	267,670	1,060,131	33.8%
Center for Coastal Physical Oceanography - SSRP	48,136	24,068	$ 72,204	50.0%	78,462	38,873	117,335	49.5%	-	-	-	0.0%
Chemistry and Biochemistry	1,239,668	304,931	$ 1,544,599	24.6%	1,565,710	325,414	1,891,124	20.8%	1,200,373	286,567	1,486,940	23.9%
Chemistry and Biochemistry - VCERC	105,542	49,055	$ 154,597	46.5%	471,101	127,352	598,453	27.0%	833,651	146,580	980,231	17.6%
Computer Sciences	1,134,715	318,059	$ 1,452,774	28.0%	921,676	320,798	1,242,474	34.8%	828,374	250,367	1,078,741	30.2%
Computer Sciences - ARC			$ -									
Mathematics & Statistics	517,298	163,779	$ 681,077	31.7%	432,266	106,959	539,225	24.7%	649,276	152,922	802,198	23.6%
Ocean, Earth & Atmospheric Sciences	2,400,200	1,013,724	$ 3,413,924	42.2%	1,929,806	776,491	2,706,297	40.2%	1,729,559	607,021	2,336,580	35.1%
Ocean, Earth & Atmospheric Sciences - SSRP	317,324	112,952	$ 430,276	35.6%	222,245	82,465	304,710	37.1%	144,336	56,324	200,660	39.0%
Ocean, Earth & Atmospheric Sciences - CBE			$ -	0.0%	-	-	-	0.0%	-	-	-	0.0%
Physics	2,625,184	760,410	$ 3,385,594	29.0%	2,198,350	462,510	2,660,860	21.0%	1,760,060	361,383	2,121,443	20.5%
Physics - ARC	-	-	$ -	0.0%	1,390	-	1,390	0.0%	4,609	1,198	5,807	26.0%
Psychology	981,032	288,197	$ 1,269,229	29.4%	866,462	266,618	1,133,080	30.8%	521,781	155,014	676,795	29.7%
Psychology - CBE	20,595	5,237	$ 25,832	25.4%	41,815	21,376	63,191	51.1%				
Psychology - VMASC			$ -	0.0%	5,761	1,499	7,260	26.0%	24,738	6,432	31,170	26.0%
College Total	$ 12,614,826	$ 3,772,232	$ 16,387,058	29.9%	$ 11,819,147	$ 3,189,560	$ 15,008,707	27.0%	$ 10,472,755	$ 2,605,248	$ 13,078,003	24.9%
OFFICE OF RESEARCH AND OTHER ACTIVITY												
Office of Research	$ -	$ -	$ -	0.0%	$ 1,000	$ -	$ 1,000	0.0%	$ 27,924	$ -	$ 27,924	0.0%
Frank Reidy Research Center for Bioelectrics	783,965	301,583	1,085,548	38.5%	710,388	265,960	976,348	37.4%	878,054	215,632	1,093,686	24.6%
Virginia Modeling, Analysis and Simulation Center	4,051,963	948,346	5,000,309	23.4%	6,199,668	1,530,513	7,730,181	24.7%	5,936,704	1,316,014	7,252,718	22.2%
Office of Distance Learning	-	-	-	0.0%	291,095	120,693	411,788	41.5%	219,999	86,912	306,911	39.5%
ODU Business Gateway	305,280	33,360	338,640	10.9%	231,365	23,783	255,148	10.3%	162,352	77,908	240,260	48.0%
Virginia Space Grant Consortium	3,402,061	482,649	3,884,710	14.2%	3,746,763	580,337	4,327,100	15.5%	2,766,240	518,925	3,285,165	18.8%
Virginia Tidewater Consortium for Higher Education	638,483	56,552	695,035	8.9%	720,766	38,968	759,734	5.4%	483,714	35,518	519,232	7.3%
National University Teleconference Network	-	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%
Association for Consortium Leadership	38,347	1,534	39,881	4.0%	75,229	2,958	78,187	3.9%	54,121	2,165	56,286	4.0%
Miscellaneous ODU Units	566,376	38,186	604,562	6.7%	636,013	41,370	677,383	6.5%	598,797	39,400	638,197	6.6%
College Total Other Units	$ 9,786,475	$ 1,862,210	$ 11,648,685	19.0%	$ 12,612,287	$ 2,604,582	$ 15,216,869	20.7%	$ 11,127,905	$ 2,292,474	$ 13,420,379	20.6%
GRAND TOTAL	$ 83,496,851	$ 8,468,443	$ 91,965,294	10.1%	$ 86,813,884	$ 8,914,561	$ 95,728,445	10.3%	$ 59,773,358	$ 7,516,268	$ 67,289,626	12.6%

SSRP= self supporting research program

SCHEDULE 4

Sponsored Program Activity

Individual Project Listing

Fiscal Year 2012

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
ARTS AND LETTERS													
Dean's Office													
397561	*	US DEPT OF EDUCATION	WOJTOWICZ, R.	5,610	2,708	(30)	14,429	22,717	667	-	23,384		TRAD
				5,610	2,708	(30)	14,429	22,717	667	-	23,384	2.94%	
English													
397561	*	US DEPT OF EDUCATION	BOSTIC, T.	14,083	6,794	(75)	36,218	57,020	1,672	-	58,692		TRAD
720771	*	THE ACADEMY OF MUSIC	BOSTIC, T.	1,066	15	-	-	1,081	108	-	1,189		TRAD
513541	*	ODU	GOSSETT, K.	2,362	148	-	162	2,672	-	-	2,672		TRAD
513541	*	ODU	POTTS, L.	2,362	147	-	162	2,671	-	-	2,671		TRAD
				19,873	7,104	(75)	36,542	63,444	1,780	-	65,224	2.81%	
History													
397561	*	US DEPT OF EDUCATION	FINLEY-CROSSWHITE, A.	14,083	6,793	(75)	36,218	57,019	1,670	-	58,689		TRAD
397561	*	US DEPT OF EDUCATION	GREENE, D.	5,612	2,706	(30)	14,430	22,718	665	-	23,383		TRAD
517191	*	ODU	HAMETZ, M.	8,744	76	-	541	9,361	-	-	9,361		TRAD
				28,439	9,575	(105)	51,189	89,098	2,335	-	91,433	2.62%	
Political Science and Geography													
516851	*	ODU	FINEWOOD, M.	2,188	239	-	-	2,427	-	-	2,427		TRAD
306431	*	US DEPT HOMELAND SECURITY	LIU, H.	5,642	-	-	-	5,642	2,821	-	8,463		TRAD
516851	*	ODU	LIU, H.	2,188	239	-	-	2,427	-	-	2,427		TRAD
714311	*	UNIV OF KENTUCKY RESEARCH FNDN	LIU, H.	4,188	428	-	4,557	9,173	800	-	9,973		TRAD
				14,206	906	-	4,557	19,669	3,621	-	23,290	18.41%	
Political Science and Geography - VMASC: Virginia Modeling & Simulation Center													
514321	*	ODU	LIU, H.	17,013	1,420	-	-	18,433	-	-	18,433		VMASC
				17,013	1,420	-	-	18,433	-	-	18,433	0.00%	
Sociology and Criminal Justice													
512481	*	CITY OF NORFOLK	GAINEY, R.	5,281	1,205	-	4,223	10,709	2,784	-	13,493		TRAD
301261		US INSTITUTE OF PEACE	ROTHE, D.	9,395	1,133	-	-	10,528	1,052	-	11,580		TRAD
512481	*	CITY OF NORFOLK	TRIPLETT, R.	5,281	1,205	-	4,224	10,710	2,785	-	13,495		TRAD
354491		US PUBLIC HEALTH SERVICE	YANG, X.	78,290	35,938	-	15,571	129,799	47,976	-	177,775		TRAD
594001		WAYNE STATE UNIVERSITY	YANG, X.	15,318	-	-	-	15,318	7,659	-	22,977		TRAD
				113,565	39,481	-	24,018	177,064	62,256	-	239,320	35.16%	
Communication and Theatre Arts													
310481	*	NATL SCIENCE FOUNDATION	ALONZO, J.	10,145	1,748	-	-	11,893	5,946	-	17,839		TRAD
517391	*	ODU	ALONZO, J.	7,668	13,793	-	854	22,315	-	-	22,315		TRAD
524161	*	ODU	SAINT JOHN, B.	8,233	149	-	-	8,382	-	-	8,382		TRAD
				26,046	15,690	-	854	42,590	5,946	-	48,536	13.96%	
International Studies													
711021	*	EUROPEAN COMMISSION	KARP, R.	7,657	35,359	-	-	43,016	3,011	-	46,027		TRAD
				7,657	35,359	-	-	43,016	3,011	-	46,027	7.00%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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(MEASURED BY EXPENDITURES INCURRED)

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PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Social Science Research Center													
544681		ODU	CAMARENA, M.	-	-	-	3,142	3,142	157	-	3,299		SSRC
760851		CHILD & FAMILY SVCS EAST VA	CAMARENA, M.	-	-	-	-	-	-	-	-		SSRC
520531	*	ODU	RICHMAN, J.	13,878	6,111	-	-	19,989	-	-	19,989		SSRC
215691	*	DOD NON-TRADITIONAL EDUCATION	VANDECAR-BURDIN, T.	6,780	775	-	-	7,555	754	-	8,309		SSRC
396311	*	US PUBLIC HEALTH SERVICE	VANDECAR-BURDIN, T.	26,709	4,908	-	2,968	34,585	16,052	-	50,637		SSRC
504141		ODU	VANDECAR-BURDIN, T.	1,243	2,827	-	2,746	6,816	341	-	7,157		SSRC
512831		ODU	VANDECAR-BURDIN, T.	12,601	1,513	-	-	14,114	706	-	14,820		SSRC
514551		ODU	VANDECAR-BURDIN, T.	8,432	3,182	-	-	11,614	581	-	12,195		SSRC
515751		GEORGIA STATE UNIVERSITY	VANDECAR-BURDIN, T.	12,798	1,640	-	-	14,438	1,444	-	15,882		SSRC
516881		CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, T.	868	-	-	292	1,160	580	-	1,740		SSRC
520531	*	ODU	VANDECAR-BURDIN, T.	13,877	6,111	-	-	19,988	-	-	19,988		SSRC
524271		ODU	VANDECAR-BURDIN, T.	16,648	13,438	-	-	30,086	1,504	-	31,590		SSRC
710891	*	THE CORRADINO GROUP, INC.	VANDECAR-BURDIN, T.	-	-	-	-	-	-	-	-		SSRC
720771	*	THE ACADEMY OF MUSIC	VANDECAR-BURDIN, T.	1,066	15	-	-	1,081	108	-	1,189		SSRC
723541	*	AM ASSOC - AFFIRMATIVE ACTION	VANDECAR-BURDIN, T.	999	-	-	-	999	530	-	1,529		SSRC
572111		CITY OF PORTSMOUTH	YANG, X.	8,674	1,122	-	28,768	38,564	16,200	-	54,764		SSRC
596283		ODU	YANG, X.	-	-	-	-	-	-	-	-		SSRC
				124,573	41,642	-	37,916	204,131	38,957	-	243,088	19.08%	
TOTAL ARTS AND LETTERS				**$ 356,982**	**$ 153,885**	**$ (210)**	**$ 169,505**	**$ 680,162**	**$ 118,573**	**$ -**	**$ 798,735**	**17.43%**	

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BUSINESS AND PUBLIC ADMINISTRATION													
Information Technology & Decision Sciences													
372391	*	NATL SCIENCE FOUNDATION	WU, H.	9,402	919	-	-	10,321	4,335	-	14,656		TRAD
372392	*	NATL SCIENCE FOUNDATION	WU, H.	363	-	-	-	363	90	-	453		TRAD
372393	*	NATL SCIENCE FOUNDATION	WU, H.	9,547	786	-	-	10,333	5,165	-	15,498		TRAD
373501		NATL SCIENCE FOUNDATION	WU, H.	-	1,378	-	-	1,378	579	-	1,957		TRAD
306281	*	NATL SCIENCE FOUNDATION	XU, L.	5,475	353	-	-	5,828	2,914	-	8,742		TRAD
306281	*	NATL SCIENCE FOUNDATION	ZHU, H.	19,162	1,236	-	-	20,398	10,199	-	30,597		TRAD
716561	*	HR EDUCATIONAL TELECOMM ASSOC	ZHU, H.	3,465	299	-	903	4,667	2,333	-	7,000		TRAD
				47,414	4,971	-	903	53,288	25,615	-	78,903	48.07%	
Business Administration													
711021	*	EUROPEAN COMMISSION	FILER, L.	7,658	35,359	-	-	43,017	3,011	-	46,028		TRAD
707151		MARKETING SCIENCE INSTITUTE	LIU-THOMPKINS, Y.	-	2,091	-	-	2,091	-	-	2,091		TRAD
503341	*	ODU	MCSHANE, M.	-	-	-	1,008	1,008	-	-	1,008		TRAD
716561	*	HR EDUCATIONAL TELECOMM ASSOC	RUBIN, B.	1,732	149	-	451	2,332	1,167	-	3,499		TRAD
				9,390	37,599	-	1,459	48,448	4,178	-	52,626	8.62%	
Marketing													
517191	*	ODU	TAM, L.	8,745	78	-	542	9,365	-	-	9,365		TRAD
				8,745	78	-	542	9,365	-	-	9,365	0.00%	
Finance													
523521	*	ODU	SEILER, M.	11,191	3,368	-	-	14,559	-	-	14,559		TRAD
				11,191	3,368	-	-	14,559	-	-	14,559	0.00%	
Economics													
706241		BARKER, CAMPBELL & FARLEY	AGARWALL, V.	7,097	-	-	1,581	8,678	4,337	-	13,015		TRAD
306281	*	NATL SCIENCE FOUNDATION	NAJAND, M.	5,475	353	-	-	5,828	2,914	-	8,742		TRAD
				12,572	353	-	1,581	14,506	7,251	-	21,757	49.99%	
Urban Studies													
524161	*	ODU	YUSUF, J.	6,174	112	-	-	6,286	-	-	6,286		TRAD
				6,174	112	-	-	6,286	-	-	6,286	0.00%	
TOTAL BUSINESS AND PUBLIC ADMINISTRATION				**$ 95,486**	**$ 46,481**	**$ -**	**$ 4,485**	**$ 146,452**	**$ 37,044**	**$ -**	**$ 183,496**	25.29%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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EDUCATION													
Dean's Office													
215691	*	DOD NON-TRADITIONAL EDUCATION	ARNOLD, P.	6,783	773	-	-	7,556	756	-	8,312		TRAD
317101	*	US DEPT OF EDUCATION	ARNOLD, P.	13,821	529	-	30,835	45,185	10,258	-	55,443		TRAD
516581	*	NEWPORT NEWS PUBLIC SCHOOLS	ARNOLD, P.	6,838	465	-	935	8,238	-	-	8,238		TRAD
720581	*	CNA CORPORATION	ARNOLD, P.	4,039	-	-	-	4,039	2,141	-	6,180		TRAD
215691	*	DOD NON-TRADITIONAL EDUCATION	CHAPPELL, S.	6,783	773	-	-	7,556	756	-	8,312		TRAD
514931	*	ODU	CHAPPELL, S.	15,603	3,280	-	3,079	21,962	1,511	-	23,473		TRAD
516581	*	NEWPORT NEWS PUBLIC SCHOOLS	CHAPPELL, S.	6,838	465	-	935	8,238	-	-	8,238		TRAD
317101	*	US DEPT OF EDUCATION	CHAPPELL, S.	13,821	531	-	30,836	45,188	10,256	-	55,444		TRAD
514931	*	ODU	GARNER, J.	31,207	6,561	-	6,156	43,924	3,021	-	46,945		TRAD
516581	*	NEWPORT NEWS PUBLIC SCHOOLS	GARNER, J.	13,674	928	-	1,870	16,472	-	-	16,472		TRAD
720581	*	CNA CORPORATION	GARNER, J.	4,039	-	-	-	4,039	2,141	-	6,180		TRAD
524481	*	ODU	GARNER, J.	2,336	-	-	-	2,336	187	-	2,523		TRAD
397561	*	US DEPT OF EDUCATION	IRWIN-DEVITIS, L.	5,612	2,706	(30)	14,430	22,718	665	-	23,383		TRAD
397561	*	US DEPT OF EDUCATION	JUDGE, S.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
215691	*	DOD NON-TRADITIONAL EDUCATION	NUNNERY, J.	20,348	2,320	-	-	22,668	2,267	-	24,935		TRAD
317101	*	US DEPT OF EDUCATION	NUNNERY, J.	69,106	2,654	-	154,179	225,939	51,282	-	277,221		TRAD
514931	*	ODU	NUNNERY, J.	15,603	3,280	-	3,079	21,962	1,511	-	23,473		TRAD
516581	*	NEWPORT NEWS PUBLIC SCHOOLS	NUNNERY, J.	6,838	465	-	935	8,238	-	-	8,238		TRAD
703821	*	NATL INST - SCHOOL LEADERSHIP	NUNNERY, J.	10,497	-	-	-	10,497	1,050	-	11,547		TRAD
720581	*	CNA CORPORATION	NUNNERY, J.	2,020	-	-	-	2,020	1,070	-	3,090		TRAD
306281	*	NATL SCIENCE FOUNDATION	REN, Z.	8,212	530	-	-	8,742	4,371	-	13,113		TRAD
554291		NEWPORT NEWS PUBLIC SCHOOLS	WARD, C.	6,481	-	-	511	6,992	559	-	7,551		TRAD
210531		DOD NON-TRADITIONAL EDUCATION	WARGO, J.	57,986	6,705	-	-	64,691	5,175	-	69,866		TRAD
210539		DOD NON-TRADITIONAL EDUCATION	WARGO, J.	-	79	-	-	79	6	-	85		TRAD
216871		DOD NON-TRADITIONAL EDUCATION	WARGO, J.	137,046	25,957	-	-	163,003	16,300	-	179,303		TRAD
216879		DOD NON-TRADITIONAL EDUCATION	WARGO, J.	977	11,758	-	-	12,735	1,019	-	13,754		TRAD
				480,593	77,551	(105)	283,998	842,037	117,972	-	960,009	14.01%	

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Teaching and Learning													
598061		CITY OF NORFOLK	DEBRUIN-PARECKI, A.	3,273	-	-	15,958	19,231	1,538	-	20,769		TRAD
384721	*	NATL SCIENCE FOUNDATION	DICKERSON, D.	4,508	1,421	-	9,149	15,078	2,817	-	17,895		TRAD
391471	*	NATL SCIENCE FOUNDATION	DICKERSON, D.	5,173	5,837	-	13,286	24,296	6,183	-	30,479		TRAD
392161	*	NATL OCEANIC/ATMOS ADMIN	DICKERSON, D.	764	11,724	-	-	12,488	3,123	-	15,611		TRAD
392641	*	INST OF MUSEUM AND LIBRARY SVC	DICKINSON, G.	33,289	9,914	-	8,067	51,270	18,880	-	70,150		TRAD
392641	*	INST OF MUSEUM AND LIBRARY SVC	DOLL, C.	34,298	10,213	-	8,311	52,822	19,451	-	72,273		TRAD
723241		NATL EDUC ASSOC FOUNDATION	ECKHOFF, A.	-	806	-	-	806	-	-	806		TRAD
397561	*	US DEPT OF EDUCATION	FLEENER, C.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
507241	*	ODU	FLEENER, C.	454	236	-	2,278	2,968	88	-	3,056		TRAD
524481	*	ODU	GRANT, L.	935	-	-	-	935	75	-	1,010		TRAD
586972	*	ODU	HAGER, J.	-	-	-	-	-	-	-	-		TRAD
392641	*	INST OF MUSEUM AND LIBRARY SVC	HINTON-JOHNSON, K.	33,289	9,914	-	8,067	51,270	18,880	-	70,150		TRAD
765071	*	NATIONAL WRITING PROJECT	HINTON-JOHNSON, K.	4,363	5,420	-	7,990	17,773	-	-	17,773		TRAD
397021		NATL SCIENCE FOUNDATION	KIDD, J.	13,657	45	-	-	13,702	6,851	-	20,553		TRAD
765071	*	NATIONAL WRITING PROJECT	LEE, G.	4,364	5,421	-	7,991	17,776	-	-	17,776		TRAD
384721	*	NATL SCIENCE FOUNDATION	MCKINNEY, S.	13,526	4,264	-	27,447	45,237	8,453	-	53,690		TRAD
391471	*	NATL SCIENCE FOUNDATION	MCKINNEY, S.	5,173	5,836	-	13,287	24,296	6,184	-	30,480		TRAD
397561	*	US DEPT OF EDUCATION	SOMMERFELDT, J.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
				185,236	84,635	(150)	194,267	463,988	95,863	-	559,851	20.66%	

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STEM Education and Professional Studies													
702671	*	HR EDUCATIONAL TELECOMM ASSOC	ADCOCK, A.	-	-	-	-	-	-	-	-		TRAD
500871		VA.DEPT.OF REHABILITATIVE SERV	DAVIS, S.	-	366	-	1,342	1,708	-	-	1,708		TRAD
511411		VA.DEPT.OF REHABILITATIVE SERV	DAVIS, S.	22,639	19,519	-	79	42,237	-	-	42,237		TRAD
521351	*	VA.DEPT.OF REHABILITATIVE SERV	DAVIS, S.	28,029	5,762	-	-	33,791	-	-	33,791		TRAD
512511	*	ODU	DICKERSON, D.	13,131	2,693	-	3,545	19,369	1,550	-	20,919		TRAD
397561	*	US DEPT OF EDUCATION	FANTZ, T.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
317101	*	US DEPT OF EDUCATION	GRANT, M.	13,821	531	-	30,836	45,188	10,256	-	55,444		TRAD
513861	*	SSTATE COUNCIL HIGHES ED IN VA	GRANT, M.	1,239	20	-	888	2,147	168	-	2,315		TRAD
516611	*	NEWPORT NEWS PUBLIC SCHOOLS	GRANT, M.	3,979	66	-	-	4,045	-	-	4,045		TRAD
306021	*	NATL SCIENCE FOUNDATION	KATSIOLOUDIOS, P.	6,548	1,285	-	-	7,833	3,916	-	11,749		TRAD
397561	*	US DEPT OF EDUCATION	KATSIOLOUDIS, P.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
521351	*	VA.DEPT.OF REHABILITATIVE SERV	KOSLOSKI, M.	12,012	2,470	-	-	14,482	-	-	14,482		TRAD
317101	*	US DEPT OF EDUCATION	MORRISON, G.	13,821	531	-	30,836	45,188	10,256	-	55,444		TRAD
397561	*	US DEPT OF EDUCATION	POND, L.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
397561	*	US DEPT OF EDUCATION	REED, P.	5,612	2,706	(30)	14,430	22,718	665	-	23,383		TRAD
311641	*	NATL SCIENCE FOUNDATION	RITZ, J.	1,037	5,622	-	1,390	8,049	4,025	-	12,074		TRAD
517191	*	ODU	TOMOVIC, C.	8,745	78	-	542	9,365	-	-	9,365		TRAD
225071	*	ARMY MED RES COMMAND	WATSON, G.	1,639	1,079	-	6,755	9,473	3,881	-	13,354		TRAD
304931	*	NATL SCIENCE FOUNDATION	WATSON, G.	1,959	179	-	-	2,138	1,069	-	3,207		TRAD
702671	*	HR EDUCATIONAL TELECOMM ASSOC	WATSON, G.	27,098	9,408	15,901	24,706	77,113	4,317	-	81,430		TRAD
702971	*	ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	9,642	176	-	1,764	11,582	4,908	-	16,490		TRAD
786782	*	ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	4,548	855	1,368	342	7,113	2,702	-	9,815		TRAD
786852	*	DIAMOND VISIONICS	WATSON, G.	2,416	151	-	-	2,567	1,078	-	3,645		TRAD
				220,170	73,873	17,014	226,109	537,166	53,801	-	590,967	10.02%	
STEM Education and Professional Studies - VMASC: Virginia Modeling & Simulation Center													
702671	*	HR EDUCATIONAL TELECOMM ASSOC	WATSON, G.	-	-	-	-	-	-	-	-		VMASC
702971	*	ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	6,428	118	-	1,176	7,722	3,273	-	10,995		VMASC
786852	*	DIAMOND VISIONICS	WATSON, G.	2,416	151	-	-	2,567	1,079	-	3,646		VMASC
				8,844	269	-	1,176	10,289	4,352	-	14,641	42.30%	
Human Movement Sciences													
510191	*	EASTERN VIRGINIA MED. SCHOOL	COLBERG-OCHS, S.	9,373	396	-	-	9,769	5,178	-	14,947		TRAD
783601	*	AMERICAN DIABETES ASSOCIATION	COLBERG-OCHS, S.	3,540	-	-	15,890	19,430	531	-	19,961		TRAD
523501	*	ODU	HOCH, M.	9,172	9,764	-	-	18,936	-	-	18,936		TRAD
783601	*	AMERICAN DIABETES ASSOCIATION	SWAIN, D.	-	-	-	-	-	-	-	-		TRAD
705861		NATL ATHLETIC TRAINERS' ASSOC	VAN LUNEN, B.	23,052	1,500	-	17	24,569	-	-	24,569		TRAD
523501	*	ODU	WEINHANDL, J.	9,173	9,762	-	-	18,935	-	-	18,935		TRAD
				54,310	21,422	-	15,907	91,639	5,709	-	97,348	6.23%	

SCHEDULE 4

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SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Communication Disorders and Special Education													
390411	*	US DEPT OF EDUCATION	BAKER, C.	1,569	974	-	10,299	12,842	203	-	13,045		TRAD
512781	*	ODU	BAKER, C.	9,616	231	-	42,960	52,807	788	-	53,595		TRAD
513731	*	GEORGE MASON UNIVERISTY	BAKER, C.	3,052	-	-	636	3,688	244	-	3,932		TRAD
520041	*	GEORGE MASON UNIVERISTY	BAKER, C.	-	40	-	708	748	3	-	751		TRAD
520611	*	ODU	BAKER, C.	-	-	-	-	-	-	-	-		TRAD
522861	*	ODU	BAKER, C.	16,581	658	-	890	18,129	1,379	-	19,508		TRAD
586972	*	ODU	BAKER, C.	-	-	-	-	-	-	-	-		TRAD
397561	*	US DEPT OF EDUCATION	BOUNTRESS, N.	5,612	2,706	(30)	14,430	22,718	665	-	23,383		TRAD
397561	*	US DEPT OF EDUCATION	BUTLER, C.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
500521	*	ODU	GABLE, R.	986	1,939	-	-	2,925	234	-	3,159		TRAD
511151	*	ODU	GABLE, R.	52,318	16,259	-	-	68,577	5,486	-	74,063		TRAD
512061	*	ODU	GABLE, R.	118,743	122,689	-	13,530	254,962	19,314	-	274,276		TRAD
512062	*	ODU	GABLE, R.	77,843	132,660	-	-	210,503	16,840	-	227,343		TRAD
512781	*	ODU	GABLE, R.	9,616	231	-	42,960	52,807	788	-	53,595		TRAD
520041	*	GEORGE MASON UNIVERISTY	GABLE, R.	-	40	-	708	748	3	-	751		TRAD
520611	*	ODU	GABLE, R.	-	-	-	-	-	-	-	-		TRAD
521591	*	ODU	GABLE, R.	253,029	2,892	-	-	255,921	20,474	-	276,395		TRAD
521592	*	ODU	GABLE, R.	140,122	23,423	-	-	163,545	13,084	-	176,629		TRAD
521601	*	ODU	GABLE, R.	116,874	-	-	-	116,874	9,350	-	126,224		TRAD
522861	*	ODU	GABLE, R.	16,581	658	-	890	18,129	1,379	-	19,508		TRAD
586972	*	ODU	GABLE, R.	-	-	-	-	-	-	-	-		TRAD
597971	*	ODU	GABLE, R.	-	2,283	-	-	2,283	182	-	2,465		TRAD
597972	*	ODU	GABLE, R.	1,374	3,051	1,347	-	5,772	354	-	6,126		TRAD
390411	*	US DEPT OF EDUCATION	HESTER, P.	14,119	8,764	-	92,690	115,573	1,831	-	117,404		TRAD
381571		US PUBLIC HEALTH SERVICE	RAYMER, A.	10,859	-	-	400	11,259	5,430	-	16,689		TRAD
786782	*	ADV ANTI-TERROR TECHNOLOGIES	RAYMER, A.	7,581	1,427	2,281	571	11,860	4,504	-	16,364		TRAD
507241	*	ODU	ROBINSON, J.	4,084	2,129	-	20,507	26,720	794	-	27,514		TRAD
786782	*	ADV ANTI-TERROR TECHNOLOGIES	SEEVER, J.	3,032	571	913	228	4,744	1,801	-	6,545		TRAD
500521	*	ODU	TONELSON, S.	987	1,939	-	-	2,926	234	-	3,160		TRAD
511151	*	ODU	TONELSON, S.	52,318	16,259	-	-	68,577	5,486	-	74,063		TRAD
512061	*	ODU	TONELSON, S.	118,743	122,689	-	13,530	254,962	19,315	-	274,277		TRAD
512062	*	ODU	TONELSON, S.	77,843	132,660	-	-	210,503	16,840	-	227,343		TRAD
512781	*	ODU	TONELSON, S.	19,232	463	-	85,920	105,615	1,575	-	107,190		TRAD
513731	*	GEORGE MASON UNIVERISTY	TONELSON, S.	7,122	-	-	1,483	8,605	570	-	9,175		TRAD
520041	*	GEORGE MASON UNIVERISTY	TONELSON, S.	-	80	-	1,415	1,495	7	-	1,502		TRAD
520611	*	ODU	TONELSON, S.	75,141	9,479	-	188,243	272,863	-	-	272,863		TRAD
521591	*	ODU	TONELSON, S.	253,028	2,892	-	-	255,920	20,473	-	276,393		TRAD
521592	*	ODU	TONELSON, S.	140,121	23,423	-	-	163,544	13,083	-	176,627		TRAD
521601	*	ODU	TONELSON, S.	116,874	-	-	-	116,874	9,350	-	126,224		TRAD
522861	*	ODU	TONELSON, S.	33,163	1,316	-	1,780	36,259	2,759	-	39,018		TRAD
586972	*	ODU	TONELSON, S.	-	-	-	-	-	-	-	-		TRAD
597971	*	ODU	TONELSON, S.	-	2,283	-	-	2,283	183	-	2,466		TRAD
597972	*	ODU	TONELSON, S.	1,374	3,051	1,348	-	5,773	354	-	6,127		TRAD
				1,773,622	646,951	5,784	570,996	2,997,353	197,029	-	3,194,382	6.57%	

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Educational Foundations and Leadership													
317101	*	US DEPT OF EDUCATION	BOL, L.	13,821	531	-	30,836	45,188	10,256	-	55,444		TRAD
384721	*	NATL SCIENCE FOUNDATION	BROWN, N.	4,508	1,421	-	9,149	15,078	2,817	-	17,895		TRAD
593191		HAMPTON PUBLIC SCHOOLS	BURNETT, D.	61,170	5,839	-	-	67,009	5,361	-	72,370		TRAD
385881	*	NATL SCIENCE FOUNDATION	LEE-THOMAS, G.	6,454	703	-	-	7,157	3,335	-	10,492		TRAD
386111	*	NATL SCIENCE FOUNDATION	LEE-THOMAS, G.	1,680	594	-	-	2,274	955	-	3,229		TRAD
385873	*	US DEPT OF EDUCATION	MYRAN, S.	7,589	5,976	-	9,398	22,963	3,527	-	26,490		TRAD
385874	*	US DEPT OF EDUCATION	MYRAN, S.	11,616	6,409	-	4,665	22,690	4,687	-	27,377		TRAD
512511	*	ODU	MYRAN, S.	13,131	2,693	-	3,545	19,369	1,549	-	20,918		TRAD
513861	*	SSTATE COUNCIL HIGHES ED IN VA	MYRAN, S.	13,020	214	-	9,321	22,555	1,770	-	24,325		TRAD
263791		OFFICE OF SECRETARY OF DEFENSE	OWINGS, W.	2,258	-	-	1	2,259	181	-	2,440		TRAD
215691	*	DOD NON-TRADITIONAL EDUCATION	OWINGS, W.	20,348	2,320	-	-	22,668	2,267	-	24,935		TRAD
215691	*	DOD NON-TRADITIONAL EDUCATION	PRIBESH, S.	6,783	773	-	-	7,556	756	-	8,312		TRAD
703821	*	NATL INST - SCHOOL LEADERSHIP	PRIBESH, S.	5,249	-	-	-	5,249	525	-	5,774		TRAD
397561	*	US DEPT OF EDUCATION	ROBINSON, J.	14,085	6,792	(75)	36,218	57,020	1,670	-	58,690		TRAD
385873	*	US DEPT OF EDUCATION	SANZO, K.	22,766	17,926	-	28,192	68,884	10,580	-	79,464		TRAD
385874	*	US DEPT OF EDUCATION	SANZO, K.	34,846	19,228	-	13,993	68,067	14,059	-	82,126		TRAD
512511	*	ODU	SANZO, K.	13,529	2,774	-	3,652	19,955	1,596	-	21,551		TRAD
513861	*	SSTATE COUNCIL HIGHES ED IN VA	SANZO, K.	5,167	85	-	3,699	8,951	703	-	9,654		TRAD
397561	*	US DEPT OF EDUCATION	SCRIBNER, J.	5,612	2,706	(30)	14,430	22,718	665	-	23,383		TRAD
703821	*	NATL INST - SCHOOL LEADERSHIP	YEN, C.	5,249	-	-	-	5,249	525	-	5,774		TRAD
				268,881	76,984	(105)	167,099	512,859	67,784	-	580,643	13.22%	
Counseling and Human Services													
516611	*	NEWPORT NEWS PUBLIC SCHOOLS	CRAIGEN, L.	3,979	66	-	-	4,045	-	-	4,045		TRAD
706271		NORFOLK COMMUNITY SERVICES BRD	HAYS, D.	2,054	-	-	8,229	10,283	-	-	10,283		TRAD
710591		ODU	HAYS, D.	-	1,266	-	-	1,266	354	-	1,620		TRAD
710601		ODU	HAYS, D.	16,095	-	-	9,135	25,230	4,507	-	29,737		TRAD
516611	*	NEWPORT NEWS PUBLIC SCHOOLS	LEVINGSTON, K.	5,969	99	-	-	6,068	-	-	6,068		TRAD
722681	*	GIVE AN HOUR, INC.	LEVINGSTON, K.	-	286	-	-	286	83	-	369		TRAD
504072		ODU	MILLIKEN, T.	10,316	12	-	-	10,328	-	-	10,328		TRAD
504073		ODU	MILLIKEN, T.	40,035	3,011	-	-	43,046	-	-	43,046		TRAD
516121		ODU	MILLIKEN, T.	38,671	977	-	-	39,648	3,172	-	42,820		TRAD
706272		NORFOLK COMMUNITY SERVICES BRD	SCHWITZER, A.	25,495	570	-	35,104	61,169	-	-	61,169		TRAD
516611	*	NEWPORT NEWS PUBLIC SCHOOLS	WARD, C.	5,969	98	-	-	6,067	-	-	6,067		TRAD
722681	*	GIVE AN HOUR, INC.	WARD, C.	-	287	-	-	287	83	-	370		TRAD
				148,583	6,672	-	52,468	207,723	8,199	-	215,922	3.95%	
EDUCATION TOTAL				**$ 3,140,239**	**$ 988,357**	**$ 22,438**	**$ 1,512,020**	**$ 5,663,054**	**$ 550,709**	**$ -**	**$ 6,213,763**	**9.72%**	

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ENGINEERING AND TECHNOLOGY													
Dean's Office													
373821	*	NATL SCIENCE FOUNDATION	BAYSAL, O.	2,151	80	-	20,218	22,449	-	-	22,449		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	BAYSAL, O.	1,538	630	-	88	2,256	948	-	3,204		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	BAYSAL, O.	2,078	1,480	-	-	3,558	1,887	-	5,445		TRAD
780271		GENERAL COMMAND OF GANDARME	BAYSAL, O.	-	10,074	-	35,104	45,178	-	-	45,178		TRAD
162771		NASA-LANGLEY RESEARCH CENTER	VAHALA, L.	7,793	-	-	-	7,793	2,026	-	9,819		TRAD
351161		US DEPT OF ENERGY	VAHALA, L.	(5,662)	-	-	-	(5,662)	(2,378)	-	(8,040)		TRAD
351471		US DEPT OF ENERGY	VAHALA, L.	9,793	15,629	-	15,701	41,123	6,610	-	47,733		TRAD
580321		COLLEGE OF WILLIAM AND MARY	VAHALA, L.	2,252	6,371	-	-	8,623	3,018	-	11,641		TRAD
				19,943	34,264	-	71,111	125,318	12,111	-	137,429	9.66%	

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Civil and Environmental Engineering													
305971	*	US DEPT OF TRANSPORTATION	CETIN, M.	8,808	-	-	-	8,808	4,404	-	13,212		TRAD
514421	*	VA DEPT OF TRANSPORTATION	CETIN, M.	17,176	404	-	-	17,580	1,758	-	19,338		TRAD
516861	*	VA DEPT OF TRANSPORTATION	CETIN, M.	7,162	-	-	-	7,162	860	-	8,022		TRAD
521704		UNIVERSITY OF IDAHO	CETIN, M.	1,893	-	-	-	1,893	1,003	-	2,896		TRAD
595461		PORTLAND STATE UNIVERSITY	CETIN, M.	4,944	-	-	-	4,944	2,472	-	7,416		TRAD
715621	*	TUNNEL VISION, LLC	CETIN, M.	904	-	-	-	904	451	-	1,355		TRAD
521701	*	UNIVERSITY OF IDAHO	CETIN, M.	-	1,776	-	-	1,776	941	-	2,717		TRAD
521702	*	UNIVERSITY OF IDAHO	CETIN, M.	1,879	-	1,250	-	3,129	996	-	4,125		TRAD
521706	*	UNIVERSITY OF IDAHO	CETIN, M.	-	100	-	-	100	53	-	153		TRAD
523911	*	ODU	CETIN, M.	10,693	768	10,660	-	22,121	-	-	22,121		TRAD
707281	*	ODU	ERTEN-UNAL, M.	11,018	6,400	-	19,999	37,417	-	-	37,417		TRAD
305971	*	US DEPT OF TRANSPORTATION	KHATTAK, A.	8,807	-	-	-	8,807	4,403	-	13,210		TRAD
373021	*	NATL SCIENCE FOUNDATION	KHATTAK, A.	1,089	7	-	-	1,096	460	-	1,556		TRAD
505501		VA DEPT OF TRANSPORTATION	KHATTAK, A.	34,119	-	-	-	34,119	3,412	-	37,531		TRAD
511371		VA DEPT OF TRANSPORTATION	KHATTAK, A.	46,028	-	-	-	46,028	4,603	-	50,631		TRAD
514421	*	VA DEPT OF TRANSPORTATION	KHATTAK, A.	17,175	406	-	-	17,581	1,758	-	19,339		TRAD
516861	*	VA DEPT OF TRANSPORTATION	KHATTAK, A.	14,322	-	-	-	14,322	1,718	-	16,040		TRAD
710891	*	THE CORRADINO GROUP, INC.	KHATTAK, A.	-	-	-	-	-	-	-	-		TRAD
715621	*	TUNNEL VISION, LLC	KHATTAK, A.	903	-	-	-	903	452	-	1,355		TRAD
716371		THE CORRADINO GROUP, INC.	KHATTAK, A.	7,246	3,318	-	-	10,564	725	-	11,289		TRAD
521701	*	UNIVERSITY OF IDAHO	KHATTAK, A.	-	3,550	-	-	3,550	1,882	-	5,432		TRAD
521702	*	UNIVERSITY OF IDAHO	KHATTAK, A.	3,759	-	2,500	-	6,259	1,992	-	8,251		TRAD
521706	*	UNIVERSITY OF IDAHO	KHATTAK, A.	-	200	-	-	200	106	-	306		TRAD
724101		TYTON BIOSCIENCES CORP, LLC	KUMAR, S.	2,009	1,527	-	-	3,536	1,874	-	5,410		TRAD
386111	*	NATL SCIENCE FOUNDATION	NGUYEN, D.	5,039	1,784	-	-	6,823	2,866	-	9,689		TRAD
311911		US ENVIRON PROTECTION AGENCY	SCHAFRAN, G.	(1,027)	-	-	-	(1,027)	(431)	-	(1,458)		TRAD
510931	*	HAMPTON ROADS SANITATION DIST.	SCHAFRAN, G.	717	146	-	-	863	432	-	1,295		TRAD
520911		HAMPTON ROADS SANITATION DIST.	SCHAFRAN, G.	21,055	-	-	5,810	26,865	4,808	-	31,673		TRAD
597981	*	ODU	SCHAFRAN, G.	67,658	6,304	737	-	74,699	-	-	74,699		TRAD
597982	*	ODU	SCHAFRAN, G.	4,788	4,197	-	-	8,985	-	-	8,985		TRAD
712421		OSTARA NUTRIENT RECOVERY TECH	SCHAFRAN, G.	17,790	-	-	-	17,790	4,625	-	22,415		TRAD
306021	*	NATL SCIENCE FOUNDATION	YOON, J.	6,547	1,286	-	-	7,833	3,917	-	11,750		TRAD
707281	*	ODU	YOON, J.	11,018	6,400	-	19,999	37,417	-	-	37,417		TRAD
				333,519	38,573	15,147	45,808	433,047	52,540	-	485,587	12.13%	
Civil and Environmental Engineering - VMASC: Virginia Modeling & Simulation Center													
305971	*	US DEPT OF TRANSPORTATION	CETIN, M.	8,808	-	-	-	8,808	4,404	-	13,212		VMASC
514421	*	VA DEPT OF TRANSPORTATION	CETIN, M.	17,175	406	-	-	17,581	1,758	-	19,339		VMASC
715621	*	TUNNEL VISION, LLC	CETIN, M.	452	-	-	-	452	226	-	678		VMASC
521705	*	UNIVERSITY OF IDAHO	CETIN, M.	2,195	-	-	-	2,195	1,163	-	3,358		VMASC
521705	*	UNIVERSITY OF IDAHO	KHATTAK, A.	4,388	-	-	-	4,388	2,326	-	6,714		VMASC
				33,018	406	-	-	33,424	9,877	-	43,301	29.55%	
Civil and Environmental Engineering - VCERC: Virginia Coastal Energy Research Consortium													
786682	*	ACENT LABORATORIES.	SCHAFRAN, G.	3,227	186	-	-	3,413	887	-	4,300		VCERC
				3,227	186	-	-	3,413	887	-	4,300	25.99%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Electrical and Computer Engineering													
361861		US DEPT OF EDUCATION	ALBIN, S.	-	1,501	-	70,137	71,638	-	-	71,638		TRAD
517281		UNIVERSITY OF VIRGINIA	BAUMGART, H.	8,906	1,657	-	3,237	13,800	-	-	13,800		TRAD
700901		JEFFERSON SCIENCE ASSOCIATES	BAUMGART, H.	15,832	-	-	-	15,832	7,916	-	23,748		TRAD
506651	*	EASTERN VIRGINIA MED. SCHOOL	BELFORE, L.	17,550	2,114	-	-	19,664	5,113	-	24,777		TRAD
104771		NASA-GODDARD SPACEFLIGHT CNTR	CHEN, C.	-	2,596	-	-	2,596	-	-	2,596		TRAD
311731		NATL SCIENCE FOUNDATION	DHALI, S.	106,348	-	-	-	106,348	-	-	106,348		TRAD
712771	*	DOMINION FOUNDATION	DHALI, S.	-	-	3,950	3	3,953	-	-	3,953		TRAD
512401	*	UNIVERSITY OF MINNESOTA	DHALI, S.	2,149	-	-	-	2,149	1,074	-	3,223		TRAD
325121		US PUBLIC HEALTH SERVICE	IFTEKHARUDDIN, K.	1,785	-	-	-	1,785	946	-	2,731		TRAD
104770		NASA-GODDARD SPACEFLIGHT CNTR	JOSHI, R.	3,750	-	-	-	3,750	-	-	3,750		TRAD
115201		NASA-LANGLEY RESEARCH CENTER	JOSHI, R.	24,000	-	-	-	24,000	12,000	-	36,000		TRAD
513533		ODU	JOSHI, R.	1,706	-	-	555	2,261	-	-	2,261		TRAD
517481		NORFOLK STATE UNIVERSITY	JOSHI, R.	30,909	-	-	-	30,909	18,545	-	49,454		TRAD
701201		JEFFERSON SCIENCE ASSOCIATES	JOSHI, R.	-	-	-	(1,923)	(1,923)	-	-	(1,923)		TRAD
310981		NATL SCIENCE FOUNDATION	KRUSIENSKI, D.	28,638	3,569	3,203	75,372	110,782	25,944	-	136,726		TRAD
515471		WADSWORTH CENTER	KRUSIENSKI, D.	66,870	1,618	-	-	68,488	34,244	-	102,732		TRAD
286041		AIR FORCE OFFICE SCI RES	LAROUSSI, M.	4,984	7,620	-	22,896	35,500	14,911	-	50,411		TRAD
786961		MYMIC LLC	LEATHRUM, J.	-	-	-	18,948	18,948	4,926	-	23,874		TRAD
171521		NASA-LANGLEY RESEARCH CENTER	LI, J.	30,496	5,375	-	-	35,871	15,066	-	50,937		TRAD
700381	*	INTELLIGENT AUTOMATION, INC.	LI, J.	17,975	-	-	3,105	21,080	10,541	-	31,621		TRAD
723421		INTELLIGENT AUTOMATION, INC.	LI, J.	4,883	-	-	-	4,883	2,588	-	7,471		TRAD
724941	*	INTELLIGENT AUTOMATION, INC.	LI, J.	3,605	-	-	-	3,605	1,911	-	5,516		TRAD
522601		VA SPACE GRANT CONSORTIUM	POPESCU, D.	-	2,310	-	-	2,310	-	-	2,310		TRAD
306281	*	NATL SCIENCE FOUNDATION	SHEN, Y.	16,424	1,059	-	-	17,483	8,742	-	26,225		TRAD
365521		NATL SCIENCE FOUNDATION	SONG, M.	3,338	1,140	-	-	4,478	1,881	-	6,359		TRAD
512401	*	UNIVERSITY OF MINNESOTA	XIAO, S.	2,149	-	-	-	2,149	1,075	-	3,224		TRAD
523471		ODU	XIAO, S.	14,114	1,471	7,228	-	22,813	-	-	22,813		TRAD
712771	*	DOMINION FOUNDATION	XIAO, S.	-	-	3,950	2	3,952	-	-	3,952		TRAD
				406,411	32,030	18,331	192,332	649,104	167,423	-	816,527	25.79%	

SCHEDULE 4

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Electrical and Computer Engineering - Applied Research Center													
316341	*	US DEPT OF ENERGY	BAUMGART, H.	5,164	1,587	-	-	6,751	3,578	-	10,329		ARC
506411		UNIVERSITY OF VIRGINIA	BAUMGART, H.	16,894	2,426	-	-	19,320	9,660	-	28,980		ARC
514191		UNIVERSITY OF MARYLAND	BAUMGART, H.	30,907	1,690	-	419	33,016	8,475	-	41,491		ARC
715501		MICROXACT, INC.	BAUMGART, H.	30,608	15,787	4,514	-	50,909	23,197	-	74,106		ARC
511671	*	UNIVERSITY OF TOLEDO	BAUMGART, H.	3,955	1,416	5,859	-	11,230	3,278	-	14,508		ARC
107171		NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	1,017	-	-	-	1,017	507	-	1,524		ARC
192131		NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	138,833	-	-	-	138,833	36,097	-	174,930		ARC
351783		NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4,689	-	-	-	4,689	1,969	-	6,658		ARC
515911		NORFOLK STATE UNIVERSITY	ELSAYED-ALI, H.	5,255	-	-	-	5,255	2,627	-	7,882		ARC
702931		LIFENET TRANSPLANT SERVICES	ELSAYED-ALI, H.	377	-	-	-	377	188	-	565		ARC
705062		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	9,524	-	-	-	9,524	2,476	-	12,000		ARC
705691		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	1,467	-	-	300	1,767	3,333	-	5,100		ARC
712335		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	18,404	-	-	-	18,404	-	-	18,404		ARC
717071		NATL INST AEROSPACE ASSOC	ELSAYED-ALI, H.	725	-	-	-	725	363	-	1,088		ARC
724621		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	594	-	-	-	594	315	-	909		ARC
795261		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	37,915	-	-	-	37,915	18,958	-	56,873		ARC
511671	*	UNIVERSITY OF TOLEDO	ELSAYED-ALI, H.	7,910	2,831	11,719	-	22,460	6,556	-	29,016		ARC
523941	*	ODU	ELSAYED-ALI, H.	1,305	50	12,073	-	13,428	-	-	13,428		ARC
513021		UNIVERSITY OF TOLEDO	MARSILLAC, S.	52,914	5,005	98,497	-	156,416	34,751	-	191,167		ARC
520551		UNIVERSITY OF TOLEDO	MARSILLAC, S.	4,531	25,455	19,585	-	49,571	15,893	-	65,464		ARC
524351		UNIVERSITY OF ILLIONIS	MARSILLAC, S.	8,974	-	-	-	8,974	4,756	-	13,730		ARC
316341	*	US DEPT OF ENERGY	MARSILLAC, S.	18,075	5,555	-	-	23,630	12,524	-	36,154		ARC
511671	*	UNIVERSITY OF TOLEDO	MARSILLAC, S.	63,276	22,647	93,752	-	179,675	52,450	-	232,125		ARC
704711		CERMET, INC.	NAMKOONG, G.	39,985	8,342	-	-	48,327	24,163	-	72,490		ARC
710461		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	-	-	-	1	1	3	-	4		ARC
713621		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	2,503	136	-	67	2,706	569	-	3,275		ARC
720071		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	7,809	6,250	-	-	14,059	2,952	-	17,011		ARC
723611		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	6,619	749	-	-	7,368	1,547	-	8,915		ARC
511671	*	UNIVERSITY OF TOLEDO	NAMKOONG, G.	3,955	1,416	5,859	-	11,230	3,278	-	14,508		ARC
316341	*	US DEPT OF ENERGY	NAMKOONG, G.	2,582	794	-	-	3,376	1,789	-	5,165		ARC
				526,766	102,136	251,858	787	881,547	276,252	-	1,157,799	31.34%	
Electrical and Computer Engineering - Center for Bioelectrics													
715481		INST ELE & ELEC ENGINEERS	KOLB, J.	-	640	-	241	881	-	-	881		CBE
213941	*	ARMY MED RES COMMAND	KOLB, J.	49,030	4,870	-	-	53,900	30,641	-	84,541		CBE
294811	*	ARMY MED RES COMMAND	KOLB, J.	15,312	3,391	-	25,428	44,131	11,222	-	55,353		CBE
382011	*	US PUBLIC HEALTH SERVICE	KOLB, J.	10,602	1,090	1,520	164	13,376	4,911	-	18,287		CBE
294811	*	ARMY MED RES COMMAND	SCHOENBACH, K.	15,313	3,390	-	25,430	44,133	11,221	-	55,354		CBE
382011	*	US PUBLIC HEALTH SERVICE	SCHOENBACH, K.	10,603	1,089	1,519	165	13,376	4,910	-	18,286		CBE
302401	*	US PUBLIC HEALTH SERVICE	XIAO, S.	17,836	3,188	345	-	21,369	10,512	-	31,881		CBE
714131		AMERICAN HEART ASSOCIATION	ZEMLIN, C.	36,397	6,305	6,716	-	49,418	3,658	-	53,076		CBE
				155,093	23,963	10,100	51,428	240,584	77,075	-	317,659	32.04%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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Mechanical & Aerospace Engineering													
565411		ODU	ALBERTS, T.	3,862	1,272	-	-	5,134	-	-	5,134		TRAD
771072		MAGNE MOTION, INC	ALBERTS, T.	129,851	3,786	-	-	133,637	66,819	-	200,456		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	BAO, H.	897	368	-	50	1,315	553	-	1,868		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	BAO, H.	1,213	863	-	-	2,076	1,100	-	3,176		TRAD
373821	*	NATL SCIENCE FOUNDATION	BAO, H.	1,075	40	-	10,108	11,223	-	-	11,223		TRAD
391471	*	NATL SCIENCE FOUNDATION	BAO, H.	7,760	8,754	-	19,930	36,444	9,276	-	45,720		TRAD
710551	*	CHILDRENÆS SURGICAL SPEC GROUP	BAWAB, S.	1,529	549	-	-	2,078	1,040	-	3,118		TRAD
710552	*	CHILDRENÆS SURGICAL SPEC GROUP	BAWAB, S.	661	-	-	-	661	350	-	1,011		TRAD
523501	*	ODU	BAWAB, S.	9,172	9,764	-	-	18,936	-	-	18,936		TRAD
395121		NATL SCIENCE FOUNDATION	BESKOK, A.	58,736	3,244	-	-	61,980	30,990	-	92,970		TRAD
396511	*	NATL SCIENCE FOUNDATION	BESKOK, A.	11,656	3,602	1,424	-	16,682	7,629	-	24,311		TRAD
513511	*	ODU	BESKOK, A.	2,773	2,074	942	32	5,821	-	-	5,821		TRAD
513571		ODU	BESKOK, A.	-	1,890	-	6	1,896	-	-	1,896		TRAD
710951		TRIUMP AEROSPACE SYSTEMS	BRITCHER, C.	-	-	-	4,363	4,363	2,181	-	6,544		TRAD
771462	*	VA TOBACCO INDEM / REVIT COMM	BRITCHER, C.	7,887	15,878	-	-	23,765	-	-	23,765		TRAD
784682		NATL INST AEROSPACE ASSOC	BRITCHER, C.	29,358	1,751	-	-	31,109	8,088	-	39,197		TRAD
306021	*	NATL SCIENCE FOUNDATION	CHATURVEDI, S.	14,840	2,916	-	-	17,756	8,878	-	26,634		TRAD
784683	*	NATL INST AEROSPACE ASSOC	CREEDON, J.	125,324	8,238	-	-	133,562	66,781	-	200,343		TRAD
704831		CHILDREN HOSPITAL-KING'S DAUGH	DEMUREN, A.	3,979	648	-	-	4,627	-	-	4,627		TRAD
383991	*	NATL SCIENCE FOUNDATION	HAO, J.	29,493	6,413	-	-	35,906	15,081	-	50,987		TRAD
383992		NATL SCIENCE FOUNDATION	HAO, J.	6,699	-	-	63	6,762	1,675	-	8,437		TRAD
385881	*	NATL SCIENCE FOUNDATION	HAO, J.	15,061	1,641	-	-	16,702	7,782	-	24,484		TRAD
396511	*	NATL SCIENCE FOUNDATION	HAO, J.	11,656	3,602	1,424	-	16,682	7,629	-	24,311		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	HOU, G.	897	369	-	50	1,316	553	-	1,869		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	HOU, G.	1,214	864	-	-	2,078	1,101	-	3,179		TRAD
373821	*	NATL SCIENCE FOUNDATION	HOU, G.	3,225	120	-	30,325	33,670	-	-	33,670		TRAD
383991	*	NATL SCIENCE FOUNDATION	HOU, G.	12,640	2,749	-	-	15,389	6,463	-	21,852		TRAD
513532		ODU	HOU, G.	2,217	-	-	213	2,430	-	-	2,430		TRAD
706711		BOSTON SCIENTIFIC CORPORATION	KNISLEY, S.	24,072	1,280	-	-	25,352	12,676	-	38,028		TRAD
710551	*	CHILDRENÆS SURGICAL SPEC GROUP	KNISLEY, S.	1,530	549	-	-	2,079	1,039	-	3,118		TRAD
771462	*	VA TOBACCO INDEM / REVIT COMM	KOSTER, E.	4,732	9,527	-	-	14,259	-	-	14,259		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	KOTINIS, M	897	369	-	50	1,316	553	-	1,869		TRAD
513534		ODU	KOTINIS, M.	5,750	3,549	-	2,913	12,212	-	-	12,212		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	KOTINIS, M.	1,214	864	-	-	2,078	1,101	-	3,179		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	LANDMAN, D.	769	316	-	43	1,128	474	-	1,602		TRAD
205801		NAVAL AIR SYSTEMS COMMAND	LANDMAN, D.	1,301	-	-	1,245	2,546	1,273	-	3,819		TRAD
221681		NAVAL AIR WARFARE CENTER TSD	LANDMAN, D.	15,556	1,091	-	-	16,647	5,327	-	21,974		TRAD
522231		UNIVERSITY OF TENNESSEE	LANDMAN, D.	26,881	1,566	-	-	28,447	7,396	-	35,843		TRAD
784687		NATL INST AEROSPACE ASSOC	LANDMAN, D.	28,881	-	-	-	28,881	7,509	-	36,390		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	LANDMAN, D.	1,040	740	-	-	1,780	944	-	2,724		TRAD

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373821	*	NATL SCIENCE FOUNDATION	NEWMAN, B.	1,075	40	-	10,108	11,223	-	-	11,223		TRAD
306021	*	NATL SCIENCE FOUNDATION	PRABHAKARAN, R.	7,856	1,544	-	-	9,400	4,700	-	14,100		TRAD
396511	*	NATL SCIENCE FOUNDATION	QIAN, S.	11,654	3,603	1,424	-	16,681	7,629	-	24,310		TRAD
513511	*	ODU	QIAN, S.	2,773	2,073	942	31	5,819	-	-	5,819		TRAD
711601		YEUNGNAM UNIVERSITY	QIAN, S.	31,748	1,872	-	-	33,620	-	-	33,620		TRAD
702971	*	ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	22,498	413	-	4,116	27,027	11,456	-	38,483		TRAD
722871		INTL SOCIETY OF BIOMECHANICS	RINGLEB, S.	-	411	-	-	411	-	-	411		TRAD
723111		AMERICAN SOCIETY BIOMECHANICS	RINGLEB, S.	-	177	-	-	177	-	-	177		TRAD
786782	*	ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	15,162	2,853	4,563	1,142	23,720	9,007	-	32,727		TRAD
523501	*	ODU	RINGLEB, S.	9,172	9,764	-	-	18,936	-	-	18,936		TRAD
				708,236	123,996	10,719	84,788	927,739	315,053	-	1,242,792	33.96%	
Mechanical & Aerospace Engineering - Applied Research Center													
513521		ODU	ELMUSTAFA, A.	7,884	385	2,575	-	10,844	-	-	10,844		ARC
712332		JEFFERSON SCIENCE ASSOCIATES	ELMUSTAFA, A.	45,133	-	-	-	45,133	-	-	45,133		ARC
				53,017	385	2,575	-	55,977	-	-	55,977	0.00%	
Mechanical & Aerospace Engineering - VMASC: Virginia Modeling & Simulation Center													
702971	*	ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	9,642	177	-	1,764	11,583	4,910	-	16,493		VMASC
				9,642	177	-	1,764	11,583	4,910	-	16,493	42.39%	

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Engineering Technology													
104767		NASA-GODDARD SPACEFLIGHT CNTR	BONDI, S.	2,135	3,301	-	-	5,436	-	-	5,436		TRAD
707281	*	ODU	BONDI, S.	5,509	3,200	-	9,999	18,708	-	-	18,708		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	DEAN, A.	897	369	-	50	1,316	553	-	1,869		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	DEAN, A.	1,214	864	-	-	2,078	1,101	-	3,179		TRAD
373821	*	NATL SCIENCE FOUNDATION	DEAN, A.	3,225	120	-	30,325	33,670	-	-	33,670		TRAD
713121	*	CREARE, INC.	DEAN, A.	-	-	23,257	1,801	25,058	900	-	25,958		TRAD
500941		VA TECH	FLORY, I.	16,991	879	-	-	17,870	4,646	-	22,516		TRAD
713121	*	CREARE, INC.	HACKWORTH, J.	-	-	6,645	514	7,159	257	-	7,416		TRAD
311641	*	NATL SCIENCE FOUNDATION	HSIUNG, S.	2,075	11,246	-	2,781	16,102	8,051	-	24,153		TRAD
311641	*	NATL SCIENCE FOUNDATION	JONES, R.	1,038	5,623	-	1,390	8,051	4,025	-	12,076		TRAD
522941	*	LONGWOOD UNIVERSITY	LAWRENCE, R.	341	-	-	-	341	28	-	369		TRAD
713121	*	CREARE, INC.	LIN, C.	-	-	3,323	257	3,580	129	-	3,709		TRAD
771462	*	VA TOBACCO INDEM / REVIT COMM	LOPEZ, F.	3,155	6,351	-	-	9,506	-	-	9,506		TRAD
712334		JEFFERSON SCIENCE ASSOCIATES	TOMOVIC, M.	26,227	-	-	-	26,227	-	-	26,227		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	VERMA, A.	897	369	-	50	1,316	553	-	1,869		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	VERMA, A.	1,214	864	-	-	2,078	1,101	-	3,179		TRAD
384721	*	NATL SCIENCE FOUNDATION	VERMA, A.	67,625	21,318	-	137,237	226,180	42,261	-	268,441		TRAD
391471	*	NATL SCIENCE FOUNDATION	VERMA, A.	18,845	21,261	-	48,402	88,508	22,527	-	111,035		TRAD
522941	*	LONGWOOD UNIVERSITY	VERMA, A.	341	-	-	-	341	27	-	368		TRAD
502532	*	UNIV MICH DEPT NAT RESOURCES	WALK, S.	897	368	-	50	1,315	553	-	1,868		TRAD
720861		COSMO SOFTWARE, INC.	WALK, S.	19,322	-	-	-	19,322	10,241	-	29,563		TRAD
502533	*	UNIV MICH DEPT NAT RESOURCES	WALK, S.	1,213	863	-	-	2,076	1,100	-	3,176		TRAD
				173,161	76,996	33,225	232,856	516,238	98,053	-	614,291	18.99%	
Engineering Technology - Applied Research Center													
196581		NASA-LANGLEY RESEARCH CENTER	LAWRENCE, R.	3,151	-	-	-	3,151	1,576	-	4,727		ARC
704661		NATL INST AEROSPACE ASSOC	LAWRENCE, R.	65,804	986	-	-	66,790	17,365	-	84,155		ARC
				68,955	986	-	-	69,941	18,941	-	88,882	27.08%	

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PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Engineering Management													
714661		PACIFIC SCIENCE & ENGINEERING	HANDLEY, H.	14,981	-	-	-	14,981	8,989	-	23,970		TRAD
716761	*	ALION SCIENCE & TECHNOLOGY COR	HANDLEY, H.	14,647	-	-	415	15,062	9,037	-	24,099		TRAD
503341	*	ODU	KADY, R.	-	-	-	1,008	1,008	-	-	1,008		TRAD
386221	*	US DEPT HOMELAND SECURITY	KOVACIC, S.	98,672	2,192	-	66,000	166,864	42,362	-	209,226		TRAD
705681	*	VIRGINIA NATURAL GAS	LANDAETA, R.	-	-	-	-	-	-	-	-		TRAD
705681	*	VIRGINIA NATURAL GAS	PAZOS, P.	13,333	-	-	30	13,363	3,608	-	16,971		TRAD
716761	*	ALION SCIENCE & TECHNOLOGY COR	PAZOS, P.	14,648	-	-	415	15,063	9,038	-	24,101		TRAD
320541		NATL SCIENCE FOUNDATION	PINTO, A.	-	-	-	15,225	15,225	-	-	15,225		TRAD
703391		QATAR UNIVERSITY	RABADI, G.	12,229	15,480	-	-	27,709	5,542	-	33,251		TRAD
386221	*	US DEPT HOMELAND SECURITY	SOUSA-POZA, A.	98,671	2,191	-	66,000	166,862	42,363	-	209,225		TRAD
206401	*	MODELING & SIMULATION CO OFF	TOLK, A.	32,327	1,540	-	20,651	54,518	11,854	-	66,372		TRAD
282016	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	42,369	3,427	-	-	45,796	19,234	-	65,030		TRAD
705191	*	RAYTHEON AIRCRAFT COMPANY	TOLK, A.	-	-	-	2	2	1	-	3		TRAD
				341,877	24,830	-	169,746	536,453	152,028	-	688,481	28.34%	
Engineering Management - VMASC: Virginia Modeling & Simulation Center													
282017	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	24,265	2,876	-	-	27,141	11,399	-	38,540		VMASC
282017	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	24,266	2,877	-	-	27,143	11,400	-	38,543		VMASC
705191	*	RAYTHEON AIRCRAFT COMPANY	TOLK, A.	-	-	-	2	2	2	-	4		VMASC
282016	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	42,369	3,427	-	-	45,796	19,235	-	65,031		VMASC
				90,900	9,180	-	2	100,082	42,036	-	142,118	42.00%	
Engineering Management - NCSOSE													
207031	*	SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	68,007	3,803	-	-	71,810	31,381	-	103,191		NCSOSE
207032	*	SPACE AND NAVAL WARFARE SYSTEM	ADAMS, K.	-	13,900	-	-	13,900	6,074	-	19,974		NCSOSE
713243		SPATIAL INTEGRATED SYSTEMS	BRADLEY, J.	12,881	3,222	-	-	16,103	6,440	-	22,543		NCSOSE
301491	*	US DEPT HOMELAND SECURITY	HESTER, P.	247,847	6,839	-	-	254,686	127,343	-	382,029		NCSOSE
386221	*	US DEPT HOMELAND SECURITY	KEATING, C.	49,336	1,096	-	33,000	83,432	21,181	-	104,613		NCSOSE
207031	*	SPACE AND NAVAL WARFARE SYSTEM	KEATING, C.	5,119	286	-	-	5,405	2,362	-	7,767		NCSOSE
207032	*	SPACE AND NAVAL WARFARE SYSTEM	KEATING, C.	-	1,046	-	-	1,046	457	-	1,503		NCSOSE
301491	*	US DEPT HOMELAND SECURITY	KEATING, C.	43,738	1,207	-	-	44,945	22,472	-	67,417		NCSOSE
713241		SPATIAL INTEGRATED SYSTEMS	KEATING, C.	1,140	-	-	(74)	1,066	570	-	1,636		NCSOSE
713242		SPATIAL INTEGRATED SYSTEMS	KEATING, C.	331	-	-	-	331	6,503	-	6,834		NCSOSE
				428,399	31,399	-	32,926	492,724	224,783	-	717,507	45.62%	

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Modeling, Simuation & Visualization													
700381	*	INTELLIGENT AUTOMATION, INC.	MCKENZIE, F.	7,704	-	-	1,331	9,035	4,517	-	13,552		TRAD
724941	*	INTELLIGENT AUTOMATION, INC.	MCKENZIE, F.	2,404	-	-	-	2,404	1,274	-	3,678		
306021	*	NATL SCIENCE FOUNDATION	MCKENZIE, F.	7,856	1,544	-	-	9,400	4,700	-	14,100		
710551	*	CHILDRENÆS SURGICAL SPEC GROUP	MCKENZIE, F.	12,238	4,392	-	-	16,630	8,315	-	24,945		
710552	*	CHILDRENÆS SURGICAL SPEC GROUP	MCKENZIE, F.	3,747	-	-	-	3,747	1,986	-	5,733		
523521	*	ODU	MCKENZIE, F.	11,190	3,369	-	-	14,559	-	-	14,559		
524760		FOUNDATION FOR SPECIALIZED SUR	MCKENZIE, F.	-	-	-	(754)	(754)	(317)	-	(1,071)		TRAD
741451		FOUNDATION FOR SPECIALIZED SUR	MCKENZIE, F.	-	-	-	(5,813)	(5,813)	(2,441)	-	(8,254)		TRAD
521703		UNIVERSITY OF IDAHO	NG, M.	7,665	-	-	-	7,665	4,062	-	11,727		TRAD
514421	*	VA DEPT OF TRANSPORTATION	NG, M.	17,175	406	-	-	17,581	1,758	-	19,339		TRAD
523521	*	ODU	SHEN, Y.	11,190	3,369	-	-	14,559	-	-	14,559		TRAD
716561	*	HR EDUCATIONAL TELECOMM ASSOC	SHEN, Y.	3,465	299	-	903	4,667	2,333	-	7,000		TRAD
				84,634	13,379	-	(4,333)	93,680	26,187	-	119,867	27.95%	
Virginia Commercial Space Flight Authority													
184603		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	-	-	-	1,599,655	1,599,655	-	-	1,599,655		VCSFA
184604		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	465	97	-	151,333	151,895	8,542	-	160,437		VCSFA
184605		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	11,799	829	-	37,690	50,318	13,762	-	64,080		VCSFA
184606		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	21,717	4,032	-	-	25,749	11,060	-	36,809		VCSFA
184607		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	11,586	860	-	226,777	239,223	5,879	-	245,102		VCSFA
184608		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	4,041	-	-	33,302	37,343	2,020	-	39,363		VCSFA
184609		NASA-GODDARD SPACEFLIGHT CNTR	REED, B.	4,852	-	-	211,907	216,759	2,426	-	219,185		VCSFA
321061		FEDERAL AVIATION ADMIN	REED, B.	-	-	-	125,000	125,000	-	-	125,000		VCSFA
321069		OVERHEAD ACCOUNTS	REED, B.	-	-	-	100,000	100,000	-	-	100,000		VCSFA
502001		VA GENERAL ASSEMBLY	REED, B.	-	(409)	-	-	(409)	-	-	(409)		VCSFA
502002		VA GENERAL ASSEMBLY	REED, B.	-	-	-	391,970	391,970	-	-	391,970		VCSFA
502004		VA GENERAL ASSEMBLY	REED, B.	-	-	-	346,554	346,554	-	-	346,554		VCSFA
502007		VA GENERAL ASSEMBLY	REED, B.	-	-	-	123,652	123,652	-	-	123,652		VCSFA
503001		ORBITAL SCIENCE CORP	REED, B.	-	30,157	-	1,461,894	1,492,051	30,394	-	1,522,445		VCSFA
503004		ORBITAL SCIENCE CORP	REED, B.	-	90,983	-	4,417,423	4,508,406	45,492	-	4,553,898		VCSFA
503005		ORBITAL SCIENCE CORP	REED, B.	-	-	-	2,412,930	2,412,930	5,926	-	2,418,856		VCSFA
521761		VA DEPT OF TRANSPORTATION	REED, B.	-	-	-	4,974,301	4,974,301	-	-	4,974,301		VCSFA
521781		VA DEPT OF TRANSPORTATION	REED, B.	-	-	-	4,968,886	4,968,886	-	-	4,968,886		VCSFA
571684		VA GENERAL ASSEMBLY	REED, B.	14,888	7,022	-	10,000	31,910	-	-	31,910		VCSFA
571685		VA DEPT OF TRANSPORTATION	REED, B.	784,744	261,300	-	129,320	1,175,364	-	-	1,175,364		VCSFA
571686		VA DEPT OF TRANSPORTATION	REED, B.	-	100	-	-	100	-	-	100		VCSFA
706221		ORBITAL SCIENCE CORP	REED, B.	-	33,336	-	17,367,860	17,401,196	-	-	17,401,196		VCSFA
706223		ORBITAL SCIENCE CORP	REED, B.	-	-	-	5,068,118	5,068,118	-	-	5,068,118		VCSFA
706224		ORBITAL SCIENCE CORP	REED, B.	-	-	-	2,000,701	2,000,701	-	-	2,000,701		VCSFA
720221		VENTIONS, LLC	REED, B.	4,733	300	-	32,657	37,690	-	-	37,690		VCSFA
				858,825	428,607	-	46,191,930	47,479,362	125,501	-	47,604,863	0.26%	

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Virginia Space Flight Academy												
711202	PRIVATE SPONSORS	WOODHAMS, W.	-	36,138	-	-	36,138	-	-	36,138		VSFAI
711212	PRIVATE SPONSORS	WOODHAMS, W.	-	40,532	-	-	40,532	-	-	40,532		VSFAI
711213	PRIVATE SPONSORS	WOODHAMS, W.	-	5,988	-	-	5,988	-	-	5,988		VSFAI
			-	82,658	-	-	82,658	-	-	82,658	0.00%	
Mid-Atlantic Institute for Space and Technology												
110811	NASA-GODDARD SPACEFLIGHT CNTR	SKOUZES, F.	-	-	-	9,392	9,392	-	-	9,392		MIST
115371	NASA-GODDARD SPACEFLIGHT CNTR	SKOUZES, F.	70,176	1,578	-	7,869	79,623	-	-	79,623		MIST
517151	WORCESTER COUNTY, MD	SKOUZES, F.	60,367	5,251	-	8,297	73,915	-	-	73,915		MIST
521391	WICOMICO COUNTY PUBLIC SCHOOLS	SKOUZES, F.	4,161	-	-	5,839	10,000	-	-	10,000		MIST
717201	ARTHUR W. PURDUE FOUNDATION	SKOUZES, F.	-	2,449	-	-	2,449	-	-	2,449		MIST
717451	NATL SPACE GRANT FOUNDATION	SKOUZES, F.	-	2,487	-	13	2,500	-	-	2,500		MIST
717452	NATL SPACE GRANT FOUNDATION	SKOUZES, F.	-	2,492	-	8	2,500	-	-	2,500		MIST
720631	MILLENNIUM MICROWAVE CORP	SKOUZES, F.	4,074	-	-	326	4,400	-	-	4,400		MIST
720871	LJT & ASSOCIATES, INC.	SKOUZES, F.	1,309	-	-	11	1,320	-	-	1,320		MIST
721131	MD SPACE BUSINESS ROUNDTABLE	SKOUZES, F.	2,101	-	-	1,899	4,000	-	-	4,000		MIST
722221	JR ACHIEVEMENT EASTERN SHORE	SKOUZES, F.	-	275	-	-	275	-	-	275		MIST
			142,188	14,532	-	33,654	190,374	-	-	190,374	0.00%	
TOTAL ENGINEERING			**$ 4,437,811**	**$ 1,038,683**	**$ 341,955**	**$ 47,104,799**	**$ 52,923,248**	**$ 1,603,657**	**$ -**	**$ 54,526,905**	**3.03%**	

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HEALTH SCIENCES													
Community & Environmental Health													
307211		US PUBLIC HEALTH SERVICE	BLANDO, J.	-	-	-	-	-	1	-	1		TRAD
395071		US PUBLIC HEALTH SERVICE	JENG, A.	6,762	4,188	-	-	10,950	5,475	-	16,425		TRAD
396531		US PUBLIC HEALTH SERVICE	JENG, A.	10,901	39,781	-	10,877	61,559	30,780	-	92,339		TRAD
396311	*	US PUBLIC HEALTH SERVICE	NEFF, J.	53,420	9,818	-	5,935	69,173	32,106	-	101,279		TRAD
305121		US DEPT OF AGRICULTURE	ZHANG, H.	31,660	7,206	-	21,149	60,015	5,708	-	65,723		TRAD
704721		JOHNS-HOPKINS UNIV	ZHANG, H.	-	2,324	-	-	2,324	1,162	-	3,486		TRAD
714311	*	UNIV OF KENTUCKY RESEARCH FNDN	ZHANG, Q.	16,754	1,712	-	18,227	36,693	3,199	-	39,892		TRAD
				119,497	65,029	-	56,188	240,714	78,431	-	319,145	32.58%	
Dental Hygiene													
396311	*	US PUBLIC HEALTH SERVICE	DARBY, M.	26,710	4,909	-	2,967	34,586	16,053	-	50,639		TRAD
712661	*	AMERICAN DENTAL HYGIENE ASSOC.	LEMASTER, M.	-	2,630	-	-	2,630	-	-	2,630		TRAD
715521	*	DENTSPLY INTERNATIONAL, INC	MCCOMBS, G.	8,487	1,200	-	2,000	11,687	2,922	-	14,609		TRAD
712661	*	AMERICAN DENTAL HYGIENE ASSOC.	STULL, S.	-	1,754	-	-	1,754	-	-	1,754		TRAD
				35,197	10,493	-	4,967	50,657	18,975	-	69,632	37.46%	
Nursing													
382471	*	US DEPT HLTH/HUMAN SERV	ADAMS-TUFTS, K.	401	8	-	-	409	33	-	442		TRAD
392421	*	US DEPT HLTH/HUMAN SERV	BENJAMIN, R.	37,359	879	-	-	38,238	3,059	-	41,297		TRAD
382471	*	US DEPT HLTH/HUMAN SERV	CLEMENTE, P.	401	8	-	-	409	33	-	442		TRAD
310301	*	US DEPT HLTH/HUMAN SERV	GARZON, L.	91,113	10,506	-	-	101,619	8,129	-	109,748		TRAD
382471	*	US DEPT HLTH/HUMAN SERV	GARZON, L.	3,207	64	-	-	3,271	262	-	3,533		TRAD
513431	*	ODU	GILLIKIN, K.	1,313	-	-	143	1,456	-	-	1,456		TRAD
382471	*	US DEPT HLTH/HUMAN SERV	KARLOWICZ, K.	401	8	-	-	409	33	-	442		TRAD
392421	*	US DEPT HLTH/HUMAN SERV	KARLOWICZ, K.	46,700	1,098	-	-	47,798	3,823	-	51,621		TRAD
392421	*	US DEPT HLTH/HUMAN SERV	LEE, A.	56,039	1,318	-	-	57,357	4,589	-	61,946		TRAD
392421	*	US DEPT HLTH/HUMAN SERV	PALMER, K.	46,699	1,099	-	-	47,798	3,824	-	51,622		TRAD
310301	*	US DEPT HLTH/HUMAN SERV	RENAUD, M.	20,247	2,335	-	-	22,582	1,807	-	24,389		TRAD
310301	*	US DEPT HLTH/HUMAN SERV	RUTLEDGE, C.	91,112	10,506	-	-	101,618	8,130	-	109,748		TRAD
382471	*	US DEPT HLTH/HUMAN SERV	RUTLEDGE, C.	3,607	71	-	-	3,678	293	-	3,971		TRAD
313091		US DEPT HLTH/HUMAN SERV	SHEPHERD, L.	-	-	-	62,827	62,827	-	-	62,827		TRAD
				398,599	27,900	-	62,970	489,469	34,015	-	523,484	6.95%	

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				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Medical Laboratory and Radiation Sciences - Center for Bioelectrics													
213941	*	ARMY MED RES COMMAND	HELLER, L.	49,031	4,870	-	-	53,901	30,643	-	84,544		CBE
294811	*	ARMY MED RES COMMAND	HELLER, L.	15,312	3,391	-	25,428	44,131	11,222	-	55,353		CBE
391061		US PUBLIC HEALTH SERVICE	HELLER, R.	126,299	43,699	-	33,362	203,360	84,999	-	288,359		CBE
391071		US PUBLIC HEALTH SERVICE	HELLER, R.	5,680	683	-	5,149	11,512	3,303	-	14,815		CBE
391091		US PUBLIC HEALTH SERVICE	HELLER, R.	145,529	129,710	-	-	275,239	137,619	-	412,858		CBE
710101		INTREXON CORPORATION	HELLER, R.	-	2,195	-	9,664	11,859	5,930	-	17,789		CBE
712451		VANDALIA RESEARCH, INC.	HELLER, R.	76,211	5,532	-	-	81,743	49,046	-	130,789		CBE
716351		GENERAL ELECTRIC GLOBAL RESCH	HELLER, R.	13,000	2,701	-	-	15,701	-	-	15,701		CBE
294811	*	ARMY MED RES COMMAND	HELLER, R.	18,375	4,069	-	30,514	52,958	13,466	-	66,424		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	2,847	2,261	-	-	5,108	-	-	5,108		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	4,278	-	-	-	4,278	-	-	4,278		CBE
213941	*	ARMY MED RES COMMAND	HELLER, R.	49,031	4,870	-	-	53,901	30,643	-	84,544		CBE
				505,593	203,981	-	104,117	813,691	366,871	-	1,180,562	45.09%	
Physical Therapy													
710721		HAMPTON UNIVERSITY	KOTT, K.	2,045	1,032	-	-	3,077	246	-	3,323		TRAD
710722		HAMPTON UNIVERSITY	KOTT, K.	11,162	-	-	-	11,162	893	-	12,055		TRAD
510191	*	EASTERN VIRGINIA MED. SCHOOL	MORRISON, S.	9,374	396	-	-	9,770	5,178	-	14,948		TRAD
515281		EASTERN VIRGINIA MED. SCHOOL	MORRISON, S.	36,590	420	-	-	37,010	10,363	-	47,373		TRAD
702971	*	ADV ANTI-TERROR TECHNOLOGIES	MORRISON, S.	16,070	295	-	2,940	19,305	8,183	-	27,488		TRAD
783601	*	AMERICAN DIABETES ASSOCIATION	MORRISON, S.	885	-	-	3,972	4,857	133	-	4,990		TRAD
715521	*	DENTSPLY INTERNATIONAL, INC	RUSSELL, D.	2,122	300	-	500	2,922	730	-	3,652		TRAD
				78,248	2,443	-	7,412	88,103	25,726	-	113,829	29.20%	
TOTAL HEALTH SCIENCES				**$ 1,137,134**	**$ 309,846**	**$ -**	**$ 235,654**	**$ 1,682,634**	**$ 524,018**	**$ -**	**$ 2,206,652**	**31.14%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

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SCIENCES													
Dean's Office													
397561	*	US DEPT OF EDUCATION	MATTHEWS, T.	2,824	1,362	(15)	7,263	11,434	335	-	11,769		TRAD
				2,824	1,362	(15)	7,263	11,434	335	-	11,769	2.93%	
Biological Sciences													
312311		NATL SCIENCE FOUNDATION	BARTOL, I.	36,036	9,114	6,246	-	51,396	-	-	51,396		TRAD
580031		VIRGINIA WESLEYAN COLLEGE	BARTOL, I.	1,391	2,568	1,489	-	5,448	1,663	-	7,111		TRAD
373321		NATL SCIENCE FOUNDATION	BUTLER, M.	39,987	6,828	-	1,712	48,527	12,172	-	60,699		TRAD
394471		NATL SCIENCE FOUNDATION	BUTLER, M.	87,428	72,594	5,220	2,402	167,644	41,606	-	209,250		TRAD
395141		NATIONAL PARK SERVICE	BUTLER, M.	7,533	4,239	-	2,272	14,044	2,354	-	16,398		TRAD
516801		UNIV OF FLORIDA	BUTLER, M.	7,184	1,199	-	-	8,383	2,180	-	10,563		TRAD
525321		UNIVERSITY OF MARYLAND	BUTLER, M.	-	1,357	-	-	1,357	-	-	1,357		TRAD
525322		VA INST OF MARINE SCIENCE	BUTLER, M.	-	118	-	-	118	-	-	118		TRAD
796431		NATURE CONSERVANCY	BUTLER, M.	2,520	2,579	-	15,844	20,943	2,151	-	23,094		TRAD
312841		NATL SCIENCE FOUNDATION	CARPENTER, K.	-	19,590	-	-	19,590	5,093	-	24,683		TRAD
321901		NATL SCIENCE FOUNDATION	CARPENTER, K.	-	36,413	-	-	36,413	-	-	36,413		TRAD
371981		NATL SCIENCE FOUNDATION	CARPENTER, K.	67,017	41,751	-	243,348	352,116	28,280	-	380,396		TRAD
374431		NATL SCIENCE FOUNDATION	CARPENTER, K.	16,422	8,183	-	1,123	25,728	10,334	-	36,062		TRAD
514331		ODU	CARPENTER, K.	17,549	20,800	-	-	38,349	-	-	38,349		TRAD
755181		WORLD CONSERVATION UNION	CARPENTER, K.	126,327	3,720	6,433	5,474	141,954	39,014	-	180,968		TRAD
785261		UNIVERSITY OF NOTRE DAME	COOPER, R.	9,850	-	-	3,479	13,329	4,137	-	17,466		TRAD
507233		VA DEPT ENVIRON QUALITY	DAUER, D.	21,691	-	-	35,929	57,620	10,530	-	68,150		TRAD
513471		VA DEPT ENVIRON QUALITY	DAUER, D.	2,458	-	-	29,427	31,885	714	-	32,599		TRAD
515981		VA DEPT ENVIRON QUALITY	DAUER, D.	162,191	18,737	-	-	180,928	16,497	-	197,425		TRAD
515982		VA DEPT ENVIRON QUALITY	DAUER, D.	77,338	235	-	-	77,573	7,757	-	85,330		TRAD
711401		ELIZABETH RIVER PROJECT	DAUER, D.	-	1,500	-	6,232	7,732	-	-	7,732		TRAD
711461		GEI CONSULTANTS, INC.	DAUER, D.	4,225	-	-	8,943	13,168	6,584	-	19,752		TRAD
562651		UNIVERSITY OF VIRGINIA	DAY, F.	6,679	4,673	-	-	11,352	2,951	-	14,303		TRAD
383161	*	US PUBLIC HEALTH SERVICE	GAFF, H.	852	8,015	-	-	8,867	710	-	9,577		TRAD
596271	*	ODU	GAFF, H.	2,913	572	-	166	3,651	-	-	3,651		TRAD
782961	*	MARYMOUNT UNIVERSITY	GAFF, H.	777	-	-	-	777	326	-	1,103		TRAD
306431	*	US DEPT HOMELAND SECURITY	GAFF, H.	5,642	-	-	-	5,642	2,821	-	8,463		TRAD
310481	*	NATL SCIENCE FOUNDATION	GAFF, H.	10,146	1,748	-	-	11,894	5,947	-	17,841		TRAD
715781	*	HENRY M. JACKSON FDN	GAFF, H.	21,864	-	-	-	21,864	4,373	-	26,237		TRAD
396511	*	NATL SCIENCE FOUNDATION	GAUTHIER, D.	11,656	3,602	1,424	-	16,682	7,629	-	24,311		TRAD
505081		VA INST OF MARINE SCIENCE	GAUTHIER, D.	4,333	-	-	-	4,333	2,166	-	6,499		TRAD
597981	*	ODU	GORDON, A.	67,658	6,304	735	-	74,697	-	-	74,697		TRAD
597982	*	ODU	GORDON, A.	4,786	4,198	-	-	8,984	-	-	8,984		TRAD
522241		MD DEPT. OF NATURAL RESOURCES	HOLSINGER, J.	541	-	-	-	541	-	-	541		TRAD
310181		NATL SCIENCE FOUNDATION	HORTH, L.	1,408	4,021	-	-	5,429	2,714	-	8,143		TRAD
310182		NATL SCIENCE FOUNDATION	HORTH, L.	1,071	-	-	1,574	2,645	268	-	2,913		TRAD
586722	*	VA INST OF MARINE SCIENCE	HORTH, L.	2,043	660	-	-	2,703	1,135	-	3,838		TRAD
594461		ODU	HORTH, L.	-	(27)	-	27	-	-	-	-		TRAD
712951		VA ENVIRONMENTAL ENDOWMENT	HORTH, L.	10,771	1,731	4,238	-	16,740	-	-	16,740		TRAD

SCHEDULE 4

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596271	*	ODU	HYNES, W.	1,456	286	-	84	1,826	-	-	1,826		TRAD
715781	*	HENRY M. JACKSON FDN	HYNES, W.	-	-	-	-	-	-	-	-		TRAD
397561	*	US DEPT OF EDUCATION	HYNES, W.	2,824	1,362	(15)	7,263	11,434	335	-	11,769		TRAD
507232		VA DEPT ENVIRON QUALITY	MARSHALL, H.	10,019	450	-	8,126	18,595	4,649	-	23,244		TRAD
511691		VA DEPT ENVIRON QUALITY	MARSHALL, H.	26,206	336	-	-	26,542	2,654	-	29,196		TRAD
515986		VA DEPT ENVIRON QUALITY	MARSHALL, H.	89,569	7,799	-	-	97,368	9,737	-	107,105		TRAD
516131		MD DEPT. OF NATURAL RESOURCES	MARSHALL, H.	19,316	-	-	-	19,316	5,409	-	24,725		TRAD
591932		ODU	MARSHALL, H.	15,320	2,288	-	-	17,608	1,330	-	18,938		TRAD
591933		ODU	MARSHALL, H.	6,106	597	-	-	6,703	611	-	7,314		TRAD
597981	*	ODU	MARSHALL, H.	67,658	6,304	735	-	74,697	-	-	74,697		TRAD
597982	*	ODU	MARSHALL, H.	4,786	4,198	-	-	8,984	-	-	8,984		TRAD
353151	*	US PUBLIC HEALTH SERVICE	OSGOOD, C.	16,824	4,431	24,995	-	46,250	8,927	-	55,177		TRAD
351782		NATL SCIENCE FOUNDATION	OSGOOD, C.	-	(26,889)	-	-	(26,889)	(11,293)	-	(38,182)		TRAD
397561	*	US DEPT OF EDUCATION	OSGOOD, C.	2,824	1,362	(15)	7,263	11,434	335	-	11,769		TRAD
724131		SIGMA XI,SCIENTIFIC RES SOC	OSGOOD, C.	-	590	-	-	590	-	-	590		TRAD
513341		VA DEPT GAME/INLAND FISH	ROSE, R.	-	-	-	4,547	4,547	-	-	4,547		TRAD
352741		NATL SCIENCE FOUNDATION	SAVITZKY, A.	1,091	6,002	-	-	7,093	2,979	-	10,072		TRAD
352742		NATL SCIENCE FOUNDATION	SAVITZKY, A.	1,091	-	-	-	1,091	273	-	1,364		TRAD
512301		NORTH CAROLINA STATE UNIV	SONENSHINE, D.	8,084	13,337	-	-	21,421	10,710	-	32,131		TRAD
565402		NORTH CAROLINA STATE UNIV	SONENSHINE, D.	25,924	12,162	-	5,840	43,926	15,996	-	59,922		TRAD
596271	*	ODU	SONENSHINE, D.	1,456	286	-	84	1,826	-	-	1,826		TRAD
206901	*	OFFICE OF NAVAL RESEARCH	SWANSON, J.	98,334	15,321	70,370	4,077	188,102	56,828	-	244,930		TRAD
206902	*	OFFICE OF NAVAL RESEARCH	SWANSON, J.	1,318	-	-	-	1,318	659	-	1,977		TRAD
581034		EASTERN VIRGINIA MED. SCHOOL	SWANSON, J.	2,143	4,980	-	1,005	8,128	-	-	8,128		TRAD
581035		EASTERN VIRGINIA MED. SCHOOL	SWANSON, J.	2,086	8,569	-	-	10,655	-	-	10,655		TRAD
				1,244,722	350,793	121,855	396,241	2,113,611	332,245	-	2,445,856	15.72%	
Biological Sciences - Center for Bioelectrics													
213941	*	ARMY MED RES COMMAND	HARGRAVE, B.	43,263	4,297	-	-	47,560	27,038	-	74,598		CBE
294811	*	ARMY MED RES COMMAND	HARGRAVE, B.	15,312	3,391	-	25,428	44,131	11,222	-	55,353		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	HARGRAVE, B.	4,152	-	-	-	4,152	-	-	4,152		CBE
				62,727	7,688	-	25,428	95,843	38,260	-	134,103	39.92%	
Biological Sciences - VMASC: Virginia Modeling & Simulation Center													
383161	*	US PUBLIC HEALTH SERVICE	GAFF, H.	851	8,015	-	-	8,866	709	-	9,575		VMASC
				851	8,015	-	-	8,866	709	-	9,575	8.00%	
Biological Sciences - VCERC: Virginia Coastal Energy Research Consortium													
786682	*	ACENT LABORATORIES.	GORDON, A.	3,229	186	-	-	3,415	888	-	4,303		VCERC
786682	*	ACENT LABORATORIES.	MARSHALL, H.	3,229	186	-	-	3,415	888	-	4,303		VCERC
				6,458	372	-	-	6,830	1,776	-	8,606	26.00%	

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Chemistry and Biochemistry													
380381		NATL SCIENCE FOUNDATION	BAYSE, C.	6,764	1,644	-	-	8,408	3,531	-	11,939		TRAD
598051		COLLEGE OF WILLIAM AND MARY	BAYSE, C.	5,126	50	-	-	5,176	2,588	-	7,764		TRAD
711091		BRUKER OPTICS, INC.	COOPER, J.	-	-	-	-	-	(1)	-	(1)		TRAD
507231		VA DEPT ENVIRON QUALITY	DONAT, J.	24,100	12,179	-	15,912	52,191	10,153	-	62,344		TRAD
515985		VA DEPT ENVIRON QUALITY	DONAT, J.	234,120	143,403	-	-	377,523	27,583	-	405,106		TRAD
376161		NATL SCIENCE FOUNDATION	HATCHER, P.	62,127	3,155	-	-	65,282	27,419	-	92,701		TRAD
376661	*	NATL SCIENCE FOUNDATION	HATCHER, P.	2,647	1,039	-	7,276	10,962	4,604	-	15,566		TRAD
517291		VA INST OF MARINE SCIENCE	HATCHER, P.	24,874	-	-	-	24,874	6,467	-	31,341		TRAD
597981	*	ODU	HATCHER, P.	67,658	6,304	735	-	74,697	-	-	74,697		TRAD
597982	*	ODU	HATCHER, P.	4,786	4,198	-	-	8,984	-	-	8,984		TRAD
715951		FLORATINE BIOSCIENCES (FB SCI)	HATCHER, P.	14,576	-	-	-	14,576	3,790	29,153	47,519		TRAD
793161		AMER CHEM SOC PETROLEUM RF	HATCHER, P.	40,294	1,260	-	-	41,554	-	-	41,554		TRAD
306681		NATL SCIENCE FOUNDATION	MAO, J.	9,365	4,028	-	-	13,393	6,696	-	20,089		TRAD
376661	*	NATL SCIENCE FOUNDATION	MAO, J.	1,765	692	-	4,850	7,307	3,069	-	10,376		TRAD
390781		NATL SCIENCE FOUNDATION	MAO, J.	52,264	20,655	-	-	72,919	36,459	-	109,378		TRAD
511341		LINCOLN UNIVERSITY	MAO, J.	4,048	-	10,900	-	14,948	891	-	15,839		TRAD
522111		ODU	MAO, J.	-	902	6,440	-	7,342	-	-	7,342		TRAD
770681		JEFFRESS RESEARCH GRANTS PGM.	MAO, J.	55	-	-	-	55	-	-	55		TRAD
376662		NATL SCIENCE FOUNDATION	MOPPER, K.	-	678	-	-	678	169	-	847		TRAD
390921		NATL SCIENCE FOUNDATION	MOPPER, K.	66,612	6,922	-	17,200	90,734	45,367	-	136,101		TRAD
376661	*	NATL SCIENCE FOUNDATION	MOPPER, K.	4,411	1,731	-	12,126	18,268	7,672	-	25,940		TRAD
513711		ODU	RAMJEE, B.	4,560	14,608	-	504	19,672	-	-	19,672		TRAD
351781		NATL SCIENCE FOUNDATION	XU, N.	27,121	4,391	16,049	-	47,561	13,235	-	60,796		TRAD
351784		NATL SCIENCE FOUNDATION	XU, N.	23,996	-	-	-	23,996	5,999	-	29,995		TRAD
353151	*	US PUBLIC HEALTH SERVICE	XU, N.	16,824	4,432	24,996	-	46,252	8,928	-	55,180		TRAD
353152		US PUBLIC HEALTH SERVICE	XU, N.	-	-	-	(1)	(1)	-	-	(1)		TRAD
353153		US PUBLIC HEALTH SERVICE	XU, N.	80,862	41,455	70,000	-	192,317	61,159	-	253,476		TRAD
				778,955	273,726	129,120	57,867	1,239,668	275,778	29,153	1,544,599	24.60%	
Chemistry and Biochemistry -VCERC													
398071		US DEPT OF ENERGY	HATCHER, P.	32,419	31,369	3,987	-	67,775	31,894	-	99,669		VCERC
510131		TEXAS A & M UNIVERSITY	HATCHER, P.	21,323	1,869	-	-	23,192	11,596	-	34,788		VCERC
584231		UNIVERSITY OF MAINE	HATCHER, P.	558	3,057	-	-	3,615	904	-	4,519		VCERC
716431		AFTON CHEMICAL CORPORATION	HATCHER, P.	5,107	134	-	2,304	7,545	3,773	-	11,318		VCERC
786682	*	ACENT LABORATORIES.	HATCHER, P.	3,229	186	-	-	3,415	888	-	4,303		VCERC
786682	*	ACENT LABORATORIES.	STUBBINS, A.	-	-	-	-	-	-	-	-		VCERC
				62,636	36,615	3,987	2,304	105,542	49,055	-	154,597	46.48%	

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Mathematics and Statistics													
122781		NASA-LANGLEY RESEARCH CENTER	BADAVI, F.	65,740	4,764	-	-	70,504	18,331	-	88,835		TRAD
507236		VA DEPT ENVIRON QUALITY	CHAGANTY, R.	914	1,638	-	3,291	5,843	131	-	5,974		TRAD
513472		VA DEPT ENVIRON QUALITY	CHAGANTY, R.	1,679	621	-	1,296	3,596	81	-	3,677		TRAD
515984		VA DEPT ENVIRON QUALITY	CHAGANTY, R.	12,586	65	-	-	12,651	1,265	-	13,916		TRAD
397561	*	US DEPT OF EDUCATION	DORREPAAL, J.	2,824	1,362	(15)	7,263	11,434	335	-	11,769		TRAD
513861	*	SSTATE COUNCIL HIGHES ED IN VA	DOVIAK, S.	1,240	20	-	888	2,148	169	-	2,317		TRAD
112801		NASA-HEADQUARTERS	HU, F.	36,421	2,131	3,650	-	42,202	19,276	-	61,478		TRAD
382611		NATL SCIENCE FOUNDATION	HU, F.	15,374	3,769	-	-	19,143	8,040	-	27,183		TRAD
715861		OHIO AEROSPACE INSTITUTE	HU, F.	9,764	5,940	-	22,000	37,704	18,852	-	56,556		CCS
311391		NATL SCIENCE FOUNDATION	JOO, S.	11,609	8,410	-	-	20,019	10,009	-	30,028		TRAD
387021		NATL SCIENCE FOUNDATION	LUO, L.	21,448	3,362	-	-	24,810	10,420	-	35,230		TRAD
104768		NASA-GODDARD SPACEFLIGHT CNTR	PANAYOTOVA, I.	7,000	781	-	-	7,781	-	-	7,781		TRAD
192461		NASA-LANGLEY RESEARCH CENTER	TWEED, J.	196,654	2,479	-	-	199,133	51,774	-	250,907		TRAD
197571		NASA-LANGLEY RESEARCH CENTER	TWEED, J.	-	2,693	-	-	2,693	-	-	2,693		TRAD
513531		ODU	WANG, J.	1,216	962	-	31	2,209	-	-	2,209		TRAD
713771		SIMONS FOUNDATION	WANG, J.	-	5,111	-	-	5,111	1,000	-	6,111		TRAD
782961	*	MARYMOUNT UNIVERSITY	WANG, J.	6,990	-	-	-	6,990	2,936	-	9,926		TRAD
795161		JEFFRESS RESEARCH GRANTS PGM.	WANG, J.	1,008	-	-	-	1,008	-	-	1,008		TRAD
392781		NATL SCIENCE FOUNDATION	ZHOU, R.	38,230	4,089	-	-	42,319	21,160	-	63,479		TRAD
				430,697	48,197	3,635	34,769	517,298	163,779	-	681,077	31.66%	

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				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Ocean, Earth and Atmospheric Sciences													
387241	*	NATL SCIENCE FOUNDATION	BISCHOF, J.	163	1,572	-	-	1,735	729	-	2,464		TRAD
316571		NATL SCIENCE FOUNDATION	BOCHDANSKY, A.	2,668	121	-	-	2,789	832	-	3,621		TRAD
384321		NATL SCIENCE FOUNDATION	BOCHDANSKY, A.	52,863	24,099	-	-	76,962	32,324	-	109,286		TRAD
501971		UNIV OF CALIFORNIA	BOCHDANSKY, A.	26,470	28,700	4,562	-	59,732	27,585	-	87,317		TRAD
325261		NATL SCIENCE FOUNDATION	BURDIGE, D.	-	123	-	-	123	65	-	188		TRAD
373651		NATL SCIENCE FOUNDATION	BURDIGE, D.	-	-	-	-	-	-	-	-		TRAD
384331		NATL SCIENCE FOUNDATION	BURDIGE, D.	40,508	7,778	-	-	48,286	20,280	-	68,566		TRAD
321321		NATL SCIENCE FOUNDATION	CUTTER, G.	-	2,879	9,121	-	12,000	1,440	-	13,440		TRAD
393441		NATL SCIENCE FOUNDATION	CUTTER, G.	14,474	1,575	-	-	16,049	8,024	-	24,073		TRAD
394621		NATL SCIENCE FOUNDATION	CUTTER, G.	39,643	53,391	-	-	93,034	46,517	-	139,551		TRAD
394631		NATL SCIENCE FOUNDATION	CUTTER, G.	56,332	20,677	500	-	77,509	38,504	-	116,013		TRAD
522181		UNIVERSITY OF WASHINGTON	CUTTER, G.	-	34,312	-	-	34,312	18,185	-	52,497		TRAD
701871		OAK RIDGE ASSOCIATED UNIVERSIT	CUTTER, G.	45,358	15,037	-	-	60,395	30,197	-	90,592		TRAD
702771	*	OAK RIDGE ASSOCIATED UNIVERSIT	CUTTER, G.	25,418	4,806	-	-	30,224	15,112	-	45,336		TRAD
706491		TETRA TECH,INC	CUTTER, G.	55,274	12,477	2,220	-	69,971	33,876	-	103,847		TRAD
312441		NATL SCIENCE FOUNDATION	DARBY, D.	34,921	13,009	-	-	47,930	23,965	-	71,895		TRAD
362191		NATL SCIENCE FOUNDATION	DARBY, D.	16,419	5,887	-	-	22,306	9,368	-	31,674		TRAD
387241	*	NATL SCIENCE FOUNDATION	DARBY, D.	3,106	29,867	-	-	32,973	13,848	-	46,821		TRAD
323971		SMITHSONIAN INSTITUTION	DOBBS, F.	2,037	2,527	-	-	4,564	2,419	-	6,983		TRAD
393211		NATL SCIENCE FOUNDATION	DOBBS, F.	96,439	17,024	-	17,587	131,050	56,732	-	187,782		TRAD
525971		UNIVERSITY OF MARYLAND	DOBBS, F.	9,469	3,162	-	-	12,631	6,694	-	19,325		TRAD
394431	*	NATL SCIENCE FOUNDATION	GARGETT, A.	54,950	5,492	-	-	60,442	30,221	-	90,663		TRAD
312521		NATL SCIENCE FOUNDATION	HARVEY, R.	9,750	-	-	-	9,750	4,875	-	14,625		TRAD
313461		NATL SCIENCE FOUNDATION	HARVEY, R.	151,938	23,106	7,418	-	182,462	87,522	-	269,984		TRAD
517501		UNIVERSITY OF TEXAS AT AUSTIN	HARVEY, R.	203	3,414	2,287	-	5,904	1,808	-	7,712		TRAD
300951	*	NATL SCIENCE FOUNDATION	JONES, C.	28,291	12,327	-	-	40,618	20,309	-	60,927		TRAD
307051		US GEOLOGICAL SURVEY	JONES, C.	8,419	153	-	-	8,572	2,400	-	10,972		TRAD
321261		US GEOLOGICAL SURVEY	JONES, C.	4,145	-	-	2,406	6,551	3,276	-	9,827		TRAD
500971		VA MARINE RESOURCES COMM	JONES, C.	35,258	11,807	-	-	47,065	11,786	-	58,851		TRAD
510511		VA MARINE RESOURCES COMM	JONES, C.	49,225	5,940	-	-	55,165	13,791	-	68,956		TRAD
510851	*	MD DEPT. OF NATURAL RESOURCES	JONES, C.	-	-	-	-	-	-	-	-		TRAD
512461	*	STATE UNIVERSITY OF NEW JERSEY	JONES, C.	22,321	878	-	-	23,199	3,480	-	26,679		TRAD
513381	*	KENAI PENINSULA BOROUGH	JONES, C.	19,698	804	-	-	20,502	-	-	20,502		TRAD
516661		VA MARINE RESOURCES COMM	JONES, C.	33,700	12,533	-	-	46,233	11,558	-	57,791		TRAD
516671		VA MARINE RESOURCES COMM	JONES, C.	150,733	15,146	-	-	165,879	41,470	-	207,349		TRAD
715431		VIRGINIA AQUARIUM FOUNDATION	JONES, C.	8,534	231	-	-	8,765	4,383	-	13,148		TRAD
722721	*	NATURE CONSERVANCY	JONES, C.	-	-	-	-	-	-	-	-		TRAD

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304971		NATL OCEANIC/ATMOS ADMIN	MCCONAUGHA, J.	11,144	1,430	-	-	12,574	6,287	-	18,861		TRAD
320951		NATL OCEANIC/ATMOS ADMIN	MCCONAUGHA, J.	8,831	9,725	-	-	18,556	9,278	-	27,834		TRAD
586722	*	VA INST OF MARINE SCIENCE	MCCONAUGHA, J.	2,498	806	-	-	3,304	1,388	-	4,692		TRAD
116151		NASA-GODDARD SPACEFLIGHT CNTR	MULHOLLAND, M.	7,618	6,123	-	-	13,741	6,870	-	20,611		TRAD
186011		NASA-GODDARD SPACEFLIGHT CNTR	MULHOLLAND, M.	48,028	13,497	-	-	61,525	25,841	-	87,366		TRAD
320391		NATL SCIENCE FOUNDATION	MULHOLLAND, M.	9,657	5,260	-	-	14,917	7,906	-	22,823		TRAD
324251		NATL SCIENCE FOUNDATION	MULHOLLAND, M.	-	11,950	-	-	11,950	6,334	-	18,284		TRAD
510931	*	HAMPTON ROADS SANITATION DIST.	MULHOLLAND, M.	2,152	440	-	-	2,592	1,295	-	3,887		TRAD
525781		ODU	MULHOLLAND, M.	2,521	-	-	-	2,521	-	-	2,521		TRAD
525791		ODU	MULHOLLAND, M.	2,521	-	-	-	2,521	-	-	2,521		TRAD
525801		ODU	MULHOLLAND, M.	2,521	-	-	-	2,521	-	-	2,521		TRAD
562491		FL FISH WILDLIFE CONSERV COMM	MULHOLLAND, M.	25,256	993	-	55,102	81,351	34,168	-	115,519		TRAD
716301		WATER ENVIRON RESEARCH FOUN	MULHOLLAND, M.	34,281	1,162	-	-	35,443	17,721	-	53,164		TRAD
394921		NATL SCIENCE FOUNDATION	NOFFKE, N.	-	4,009	-	-	4,009	1,042	-	5,051		TRAD
300951	*	NATL SCIENCE FOUNDATION	SCHAFFLER, J.	28,291	12,328	-	-	40,619	20,310	-	60,929		TRAD
512461	*	STATE UNIVERSITY OF NEW JERSEY	SCHAFFLER, J.	-	-	-	-	-	-	-	-		TRAD
722721	*	NATURE CONSERVANCY	SCHAFFLER, J.	4,721	-	-	-	4,721	1,228	-	5,949		TRAD
394361		NATL SCIENCE FOUNDATION	SEDWICK, P.	42,999	15,543	-	-	58,542	29,271	-	87,813		TRAD
394481		NATL SCIENCE FOUNDATION	SEDWICK, P.	27,360	11,910	-	-	39,270	19,635	-	58,905		TRAD
396851		NATL SCIENCE FOUNDATION	SEDWICK, P.	30,601	56,108	-	-	86,709	43,354	-	130,063		TRAD
396852	*	NATL SCIENCE FOUNDATION	SEDWICK, P.	-	1,774	-	-	1,774	887	-	2,661		TRAD
702771	*	OAK RIDGE ASSOCIATED UNIVERSIT	SEDWICK, P.	25,417	4,806	-	-	30,223	15,112	-	45,335		TRAD
524481	*	ODU	WHITTECAR, G.	1,402	-	-	-	1,402	112	-	1,514		TRAD
585981		VA TECH	WHITTECAR, R.	32,194	11,543	-	-	43,737	15,308	-	59,045		TRAD
711991		WEANACK LAND LTD	WHITTECAR, R.	6,199	946	-	-	7,145	1,786	-	8,931		TRAD
713501		WETLAND STUDIES AND SOLUTIONS	WHITTECAR, R.	6,199	9,926	-	-	16,125	4,193	-	20,318		TRAD
307291		NATL SCIENCE FOUNDATION	ZIMMERMAN, R.	148,147	20,673	10,968	-	179,788	84,410	-	264,198		TRAD
506791		VA INST OF MARINE SCIENCE	ZIMMERMAN, R.	34,425	10,362	-	24,987	69,774	26,908	-	96,682		TRAD
524021		VA INST OF MARINE SCIENCE	ZIMMERMAN, R.	912	-	-	-	912	46	-	958		TRAD
704181	*	FL ENVIRONMENTAL RESEARCH INST	ZIMMERMAN, R.	-	-	-	140	140	70	-	210		TRAD
717021		FL ENVIRONMENTAL RESEARCH INST	ZIMMERMAN, R.	16,902	19,210	-	-	36,112	9,389	-	45,501		TRAD
				1,661,524	601,378	37,076	100,222	2,400,200	1,013,724	-	3,413,924	42.23%	
Ocean, Earth and Atmospheric Sciences - SSRP													
376721		NATL SCIENCE FOUNDATION	ASHFORD, J.	-	(2,609)	-	-	(2,609)	(1,096)	-	(3,705)		SSRP
710871		CHILEAN FISHING DEVELOP INST	ASHFORD, J.	34,658	16,952	-	-	51,610	25,805	-	77,415		SSRP
510851	*	MD DEPT. OF NATURAL RESOURCES	ASHFORD, J.	101,063	13,183	-	121,927	236,173	87,004	-	323,177		SSRP
312901		NATL SCIENCE FOUNDATION	HILL, V.	-	2,260	-	-	2,260	1,130	-	3,390		SSRP
580451		UNIVERSITY OF WASHINGTON	HILL, V.	-	93	-	-	93	39	-	132		SSRP
704181	*	FL ENVIRONMENTAL RESEARCH INST	HILL, V.	-	-	-	141	141	70	-	211		SSRP
712351		CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	-	650	-	-	650	-	-	650		SSRP
720791		CONSORTIUM FOR OCEAN LEADERSHI	HILL, V.	-	6,690	-	-	6,690	-	-	6,690		SSRP
517391	*	ODU	HILL, V.	7,668	13,793	-	855	22,316	-	-	22,316		SSRP
				143,389	51,012	-	122,923	317,324	112,952	-	430,276	35.60%	

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Center for Coastal Physical Oceanography													
316321		NATL SCIENCE FOUNDATION	ATKINSON, L.	-	(3,488)	-	4,754	1,266	-	-	1,266		TRAD
506621		CENTER INNOVATIVE TECHNOLOGY	ATKINSON, L.	29,332	7,957	-	11,152	48,441	24,220	-	72,661		TRAD
510341		UNIVERSITY OF DELAWARE	ATKINSON, L.	-	15,594	-	-	15,594	7,797	-	23,391		TRAD
512221		STATE UNIVERSITY OF NEW JERSEY	ATKINSON, L.	15,030	405	-	8,737	24,172	12,086	-	36,258		TRAD
517401		VA TECH	ATKINSON, L.	4,000	5,958	-	-	9,958	4,979	-	14,937		TRAD
574942		STATE UNIVERSITY OF NEW JERSEY	ATKINSON, L.	29,196	3,269	-	5,737	38,202	9,551	-	47,753		TRAD
763381		HISPANIC PERUVIAN CO-OP FUND	ATKINSON, L.	-	3,540	-	126	3,666	-	-	3,666		TRAD
515571	*	JAMES MADISON UNIVERSITY	ATKINSON, L.	13,799	5,964	3,871	-	23,634	9,881	-	33,515		TRAD
597981	*	ODU	ATKINSON, L.	67,658	6,304	735	-	74,697	-	-	74,697		TRAD
597982	*	ODU	ATKINSON, L.	4,786	4,198	-	-	8,984	-	-	8,984		TRAD
300161	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	19,595	242	-	-	19,837	8,332	-	28,169		TRAD
306781	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	14,614	350	-	-	14,964	7,482	-	22,446		TRAD
386461	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	-	647	-	-	647	272	-	919		TRAD
394241	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	43,119	4,264	1,830	-	49,213	23,692	-	72,905		TRAD
394242	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	2,009	-	-	-	2,009	474	-	2,483		TRAD
396852	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	-	1,776	-	-	1,776	888	-	2,664		TRAD
397111	*	NATL SCIENCE FOUNDATION	DINNIMAN, M.	3,570	263	-	-	3,833	1,916	-	5,749		TRAD
793171	*	EARTH AND SPACE RESEARCH	DINNIMAN, M.	18,782	1,460	-	-	20,242	8,502	-	28,744		TRAD
310831		NATL OCEANIC/ATMOS ADMIN	EZER, T.	9,757	-	-	537	10,294	5,147	-	15,441		TRAD
381461		NATL OCEANIC/ATMOS ADMIN	EZER, T.	12,047	5,718	-	-	17,765	7,461	-	25,226		TRAD
783572		TRACTEBEL ENGINEERING	EZER, T.	(5,984)	10	-	8,028	2,054	863	-	2,917		TRAD
513381	*	KENAI PENINSULA BOROUGH	EZER, T.	19,699	804	-	-	20,503	-	-	20,503		TRAD
394431	*	NATL SCIENCE FOUNDATION	GROSCH, C.	54,951	5,492	-	-	60,443	30,222	-	90,665		TRAD
300161	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	20,190	248	-	-	20,438	8,583	-	29,021		TRAD
305811		NATL SCIENCE FOUNDATION	HOFMANN, E.	-	(1,316)	-	1,313	(3)	-	-	(3)		TRAD
352891	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	6,269	-	-	-	6,269	2,633	-	8,902		TRAD
363051	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	14,624	24,002	-	-	38,626	16,223	-	54,849		TRAD
382981		NATL SCIENCE FOUNDATION	HOFMANN, E.	26,972	2,319	-	-	29,291	12,302	-	41,593		TRAD
386461	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	-	668	-	-	668	280	-	948		TRAD
392161	*	NATL OCEANIC/ATMOS ADMIN	HOFMANN, E.	383	5,862	-	-	6,245	1,561	-	7,806		TRAD
392751	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	15,342	532	-	-	15,874	7,937	-	23,811		TRAD
396852	*	NATL SCIENCE FOUNDATION	HOFMANN, E.	-	1,776	-	-	1,776	888	-	2,664		TRAD
501411		VA INST OF MARINE SCIENCE	HOFMANN, E.	8,804	914	-	-	9,718	4,859	-	14,577		TRAD
575591		VA INST OF MARINE SCIENCE	HOFMANN, E.	17,366	1,133	-	-	18,499	7,770	-	26,269		TRAD
786591		WOODS HOLE OCEANOGRAPHIC INST	HOFMANN, E.	7,827	-	-	-	7,827	3,288	-	11,115		TRAD

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300161	*	NATL SCIENCE FOUNDATION	KLINCK, J.	19,595	242	-	-	19,837	8,332	-	28,169		TRAD
306781	*	NATL SCIENCE FOUNDATION	KLINCK, J.	14,614	350	-	-	14,964	7,482	-	22,446		TRAD
352891	*	NATL SCIENCE FOUNDATION	KLINCK, J.	1,567	-	-	-	1,567	658	-	2,225		TRAD
363051	*	NATL SCIENCE FOUNDATION	KLINCK, J.	14,625	24,003	-	-	38,628	16,224	-	54,852		TRAD
386461	*	NATL SCIENCE FOUNDATION	KLINCK, J.	-	647	-	-	647	272	-	919		TRAD
392161	*	NATL OCEANIC/ATMOS ADMIN	KLINCK, J.	383	5,862	-	-	6,245	1,561	-	7,806		TRAD
392751	*	NATL SCIENCE FOUNDATION	KLINCK, J.	15,342	533	-	-	15,875	7,938	-	23,813		TRAD
394241	*	NATL SCIENCE FOUNDATION	KLINCK, J.	43,119	4,264	1,829	-	49,212	23,691	-	72,903		TRAD
394242	*	NATL SCIENCE FOUNDATION	KLINCK, J.	2,008	-	-	-	2,008	473	-	2,481		TRAD
396852	*	NATL SCIENCE FOUNDATION	KLINCK, J.	-	1,776	-	-	1,776	888	-	2,664		TRAD
397111	*	NATL SCIENCE FOUNDATION	KLINCK, J.	3,569	262	-	-	3,831	1,916	-	5,747		TRAD
515571	*	JAMES MADISON UNIVERSITY	KLINCK, J.	13,798	5,964	3,870	-	23,632	9,881	-	33,513		TRAD
793171	*	EARTH AND SPACE RESEARCH	KLINCK, J.	18,781	1,460	-	-	20,241	8,501	-	28,742		TRAD
306081		NATL SCIENCE FOUNDATION	SCULLY, M	5,781	49,304	-	-	55,085	24,805	-	79,890		TRAD
310961		NATL SCIENCE FOUNDATION	SCULLY, M.	-	16,512	65,175	-	81,687	8,256	-	89,943		TRAD
384181		NATL SCIENCE FOUNDATION	SCULLY, M.	10,004	3,087	-	-	13,091	5,498	-	18,589		TRAD
511581		VA INST OF MARINE SCIENCE	SCULLY, M.	3,048	868	-	-	3,916	979	-	4,895		TRAD
720691		SOUTHEASTERN UNIV RESE ASSOC	SCULLY, M.	3,907	299	4,678	-	8,884	1,051	-	9,935		TRAD
				643,878	222,298	81,988	40,384	988,548	358,495	-	1,347,043	36.26%	
Center for Coastal Physical Oceanography - SSRP													
392201		NATL OCEANIC/ATMOS ADMIN	TULEYA, R.	43,417	4,719	-	-	48,136	24,068	-	72,204		SSRP
				43,417	4,719	-	-	48,136	24,068	-	72,204	50.00%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

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				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Psychology													
524161	*	ODU	ASH, I.	6,174	112	-	-	6,286	-	-	6,286		TRAD
301511		US PUBLIC HEALTH SERVICE	BARRACO, C.	90,901	19,738	-	160	110,799	8,851	-	119,650		TRAD
313921	*	US PUBLIC HEALTH SERVICE	BARRACO, C.	707	-	-	-	707	353	-	1,060		TRAD
715541		ADV ANTI-TERROR TECHNOLOGIES	BLISS, J.	8,035	3,127	-	3,538	14,700	5,916	-	20,616		TRAD
786471		ADV ANTI-TERROR TECHNOLOGIES	BLISS, J.	-	4,840	6,325	-	11,165	2,033	-	13,198		TRAD
104766		NASA-GODDARD SPACEFLIGHT CNTR	BRILL, C.	-	2,214	-	-	2,214	-	-	2,214		TRAD
516241		COLORADO STATE UNIVERSITY	CIGULAROV, K.	4,960	5,420	-	-	10,380	1,240	-	11,620		TRAD
705991	*	LESBIAN HEALTH FUND	DERLEGA, V.	-	-	-	-	-	-	-	-		TRAD
390181	*	US PUBLIC HEALTH SERVICE	HENSON, J.	10,550	571	-	5,508	16,629	7,246	-	23,875		TRAD
320621	*	US PUBLIC HEALTH SERVICE	HENSON, J.	-	-	-	3,631	3,631	-	-	3,631		TRAD
302881		US PUBLIC HEALTH SERVICE	HENSON, M.	24,916	4,407	-	2,866	32,189	16,094	-	48,283		TRAD
704271		ABMRF/FDTN-ALCOHOL RESERACH	HENSON, M.	17,401	8,395	-	3,538	29,334	3,869	-	33,203		TRAD
515171		VA DEPARTMENT OF HEALTH	JANDA, L.	6,969	-	-	-	6,969	-	-	6,969		TRAD
722391		COLONIAL BEHAVIORAL HEALTH CSB	JANDA, L.	3,859	-	-	(359)	3,500	-	-	3,500		TRAD
313921	*	US PUBLIC HEALTH SERVICE	KELLEY, M.	707	-	-	-	707	353	-	1,060		TRAD
320621	*	US PUBLIC HEALTH SERVICE	KELLEY, M.	-	-	-	3,630	3,630	-	-	3,630		TRAD
390181	*	US PUBLIC HEALTH SERVICE	KELLEY, M.	94,951	5,138	-	49,571	149,660	65,214	-	214,874		TRAD
396311	*	US PUBLIC HEALTH SERVICE	KELLEY, M.	26,710	4,909	-	2,967	34,586	16,053	-	50,639		TRAD
762931		RESEARCH TRIANGLE INSTITUTE	KELLEY, M.	-	-	-	(3,718)	(3,718)	(1,562)	-	(5,280)		TRAD
313921	*	US PUBLIC HEALTH SERVICE	LEWIS, R.	1,555	-	-	-	1,555	779	-	2,334		TRAD
705991	*	LESBIAN HEALTH FUND	LEWIS, R.	-	8,400	-	-	8,400	-	-	8,400		TRAD
517191	*	ODU	MADHAVEN, P.	8,745	78	-	542	9,365	-	-	9,365		TRAD
395151		NATL SCIENCE FOUNDATION	MAJOR, D.	70,872	34,869	-	-	105,741	52,870	-	158,611		TRAD
395152	*	NATL SCIENCE FOUNDATION	MAJOR, D.	16,708	-	-	-	16,708	4,177	-	20,885		TRAD
781501		SOC PSYCH STUDY SOCIAL ISSUES	MORGANSON, V.	-	-	-	-	-	-	-	-		TRAD
395152	*	NATL SCIENCE FOUNDATION	ORVIS, K.	16,709	-	-	-	16,709	4,177	-	20,886		TRAD
313921	*	US PUBLIC HEALTH SERVICE	PADILLA, M.	1,037	-	-	-	1,037	518	-	1,555		TRAD
316511		US PUBLIC HEALTH SERVICE	PAULSON, J.	71,495	10,268	-	7,703	89,466	47,417	-	136,883		TRAD
521221		EASTERN VIRGINIA MED. SCHOOL	PAULSON, J.	7,223	-	-	-	7,223	-	-	7,223		TRAD
505201		VA DMV	PORTER, B.	29,248	8,800	-	-	38,048	3,805	-	41,853		TRAD
505211		VA DMV	PORTER, B.	10,653	25,062	-	-	35,715	3,572	-	39,287		TRAD
514971		VA DMV	PORTER, B.	51,592	25,096	-	-	76,688	7,448	-	84,136		TRAD
521751		VA DMV	PORTER, B.	30,512	16,247	-	-	46,759	4,676	-	51,435		TRAD
304941	*	US PUBLIC HEALTH SERVICE	SCERBO, M.	41,788	2,230	6,045	-	50,063	22,009	-	72,072		TRAD
506651	*	EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	35,633	4,291	-	-	39,924	10,380	-	50,304		TRAD
525041	*	EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	3,437	119	-	-	3,556	356	-	3,912		TRAD
313921	*	US PUBLIC HEALTH SERVICE	WINSTEAD	707	-	-	-	707	353	-	1,060		TRAD
				694,754	194,331	12,370	79,577	981,032	288,197	-	1,269,229	29.38%	
Psychology - Center for Bioelectrics													
294811	*	ARMY MED RES COMMAND	MADHAVAN, P.	7,146	1,582	-	11,867	20,595	5,237	-	25,832		CBE
				7,146	1,582	-	11,867	20,595	5,237	-	25,832	25.43%	

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Physics													
350313	*	US DEPT OF ENERGY	AMARIAN, M.	7,176	886	5	-	8,067	3,386	-	11,453		TRAD
350314	*	US DEPT OF ENERGY	AMARIAN, M.	82,069	2,574	-	-	84,643	42,321	-	126,964		TRAD
310491	*	NATL SCIENCE FOUNDATION	ARETI, H.	-	3,285	-	43,671	46,956	6,469	-	53,425		TRAD
370662	*	US DEPT OF ENERGY	BALITSKY, I.	10,059	592	1,366	3,809	15,826	5,326	-	21,152		TRAD
370663	*	US DEPT OF ENERGY	BALITSKY, I.	2,069	-	-	-	2,069	1,096	-	3,165		TRAD
300701	*	NATL SCIENCE FOUNDATION	BUELTMANN, S.	3,614	-	1,450	1,249	6,313	2,432	-	8,745		TRAD
350313	*	US DEPT OF ENERGY	BUELTMANN, S.	7,176	886	5	-	8,067	3,386	-	11,453		TRAD
350314	*	US DEPT OF ENERGY	BUELTMANN, S.	82,069	2,574	-	-	84,643	42,321	-	126,964		TRAD
706141	*	JEFFERSON SCIENCE ASSOCIATES	BUELTMANN, S.	82,181	10,523	-	-	92,704	25,030	-	117,734		TRAD
785901	*	MITTAL STEEL USA	COOK, D.	-	-	-	1	1	-	-	1		TRAD
303981		NATL SCIENCE FOUNDATION	DE PAOR, D.	55,751	3,164	-	-	58,915	29,457	-	88,372		TRAD
304931	*	NATL SCIENCE FOUNDATION	DE PAOR, D.	17,627	1,616	-	-	19,243	9,621	-	28,864		TRAD
306581		FERMI NATIONAL ACCELERATOR LAB	DELAYEN, J.	8,266	4,982	-	-	13,248	6,624	-	19,872		TRAD
306582		FERMI NATIONAL ACCELERATOR LAB	DELAYEN, J.	14,089	3,113	-	-	17,202	9,117	-	26,319		TRAD
396741		US DEPT OF ENERGY	DELAYEN, J.	71,814	50,022	92,076	-	213,912	60,918	-	274,830		TRAD
706051		NIOWAVE, INC.	DELAYEN, J.	24,665	4,570	-	-	29,235	14,617	-	43,852		TRAD
706052		NIOWAVE, INC.	DELAYEN, J.	12,067	2,438	-	-	14,505	7,252	-	21,757		TRAD
706053		NIOWAVE, INC.	DELAYEN, J.	70,477	5,286	-	-	75,763	37,882	-	113,645		TRAD
706054		NIOWAVE, INC.	DELAYEN, J.	9,228	-	-	-	9,228	4,614	-	13,842		TRAD
706055		NIOWAVE, INC.	DELAYEN, J.	22,862	-	-	-	22,862	11,431	-	34,293		TRAD
706056		NIOWAVE, INC.	DELAYEN, J.	4,684	-	-	-	4,684	2,482	-	7,166		TRAD
717471		JEFFERSON SCIENCE ASSOCIATES	DELAYEN, J.	-	-	-	11,188	11,188	-	-	11,188		TRAD
310491	*	NATL SCIENCE FOUNDATION	DODGE, G.	-	1,095	-	14,557	15,652	2,156	-	17,808		TRAD
350313	*	US DEPT OF ENERGY	DODGE, G.	7,181	886	5	-	8,072	3,388	-	11,460		TRAD
350314	*	US DEPT OF ENERGY	DODGE, G.	82,118	2,576	-	-	84,694	42,347	-	127,041		TRAD
706141	*	JEFFERSON SCIENCE ASSOCIATES	DODGE, G.	41,090	5,261	-	-	46,351	12,515	-	58,866		TRAD
370662	*	US DEPT OF ENERGY	DUDEK, J.	10,059	592	1,366	3,809	15,826	5,326	-	21,152		TRAD
370663	*	US DEPT OF ENERGY	DUDEK, J.	2,069	-	-	-	2,069	1,096	-	3,165		TRAD
510881		ODU	DUDEK, J.	28,327	16,319	8,178	-	52,824	22,323	-	75,147		TRAD
704901		JEFFRESS RESEARCH GRANTS PGM.	DUDEK, J.	-	-	10,245	-	10,245	-	-	10,245		TRAD
712050		JEFFERSON SCIENCE ASSOCIATES	GAVALIAN, G.	10,529	-	-	-	10,529	-	-	10,529		TRAD
796121		MUONS, INC.	GODUNOV, A.	2,839	-	-	844	3,683	958	-	4,641		TRAD
313641		ARGONNE NATIONAL LABORATORIES	GUREVICH, A.	65,651	1,118	-	-	66,769	33,385	-	100,154		TRAD
312001		NATL SCIENCE FOUNDATION	HAVEY, M.	60,327	15,553	28,043	-	103,923	37,940	-	141,863		TRAD
312002		NATL SCIENCE FOUNDATION	HAVEY, M.	1,658	-	-	-	1,658	415	-	2,073		TRAD
371471		NATL SCIENCE FOUNDATION	HAVEY, M.	1,828	-	-	-	1,828	768	-	2,596		TRAD
371474		NATL SCIENCE FOUNDATION	HAVEY, M.	3,919	-	-	-	3,919	980	-	4,899		TRAD

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316981		BROOKHAVEN NATIONAL LABORATORY	HYDE-WRIGHT, C.	22,357	392	-	-	22,749	12,057	-	34,806		TRAD
350313	*	US DEPT OF ENERGY	HYDE-WRIGHT, C.	7,181	886	5	-	8,072	3,388	-	11,460		TRAD
350314	*	US DEPT OF ENERGY	HYDE-WRIGHT, C.	82,118	2,576	-	-	84,694	42,347	-	127,041		TRAD
300701	*	NATL SCIENCE FOUNDATION	KUHN, S.	3,615	-	1,450	1,250	6,315	2,432	-	8,747		TRAD
317371	*	US DEPT OF ENERGY	KUHN, S.	30,060	2,804	-	-	32,864	16,432	-	49,296		TRAD
350313	*	US DEPT OF ENERGY	KUHN, S.	7,181	887	7	-	8,075	3,389	-	11,464		TRAD
350314	*	US DEPT OF ENERGY	KUHN, S.	82,119	2,574	-	-	84,693	42,347	-	127,040		TRAD
370662	*	US DEPT OF ENERGY	RADYUSHKIN, A.	10,059	593	1,367	3,811	15,830	5,324	-	21,154		TRAD
370663	*	US DEPT OF ENERGY	RADYUSHKIN, A.	2,067	-	-	-	2,067	1,098	-	3,165		TRAD
370662	*	US DEPT OF ENERGY	SCHIAVILLA, R.	10,059	592	1,366	3,809	15,826	5,326	-	21,152		TRAD
370663	*	US DEPT OF ENERGY	SCHIAVILLA, R.	2,069	-	-	-	2,069	1,096	-	3,165		TRAD
717081		JEFFERSON SCIENCE ASSOCIATES	SCHIAVILLA, R.	-	-	2,000	21,000	23,000	-	-	23,000		TRAD
315941		ARGONNE NATIONAL LABORATORIES	SUKENIK, C.	3,666	-	-	-	3,666	953	-	4,619		TRAD
391441		NATL SCIENCE FOUNDATION	SUKENIK, C.	25,630	10,360	-	-	35,990	17,995	-	53,985		TRAD
711171		JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	524,929	-	-	-	524,929	-	-	524,929		TRAD
711172		JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	-	-	-	-	-	-	-	-		TRAD
712331		JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	177,207	1,090	-	-	178,297	-	-	178,297		TRAD
712333		JEFFERSON SCIENCE ASSOCIATES	SUKENIK, C.	-	-	-	787	787	-	-	787		TRAD
370662	*	US DEPT OF ENERGY	VAN ORDEN, J.	10,059	592	1,366	3,809	15,826	5,326	-	21,152		TRAD
370663	*	US DEPT OF ENERGY	VAN ORDEN, J.	2,069	-	-	-	2,069	1,096	-	3,165		TRAD
717491		JEFFERSON SCIENCE ASSOCIATES	VAN ORDEN, J.	-	-	-	11,188	11,188	-	-	11,188		TRAD
176071		NASA-LANGLEY RESEARCH CENTER	VUSKOVIC, L.	-	609	-	-	609	158	-	767		TRAD
325111		US DEPT OF ENERGY	VUSKOVIC, L.	23,662	6,463	2,467	-	32,592	15,966	-	48,558		TRAD
751079		NATL INST AEROSPACE ASSOC	VUSKOVIC, L.	24,607	2,716	-	-	27,323	7,104	-	34,427		TRAD
317371	*	US DEPT OF ENERGY	WEINSTEIN, L.	30,060	2,804	-	-	32,864	16,432	-	49,296		TRAD
350313	*	US DEPT OF ENERGY	WEINSTEIN, L.	7,181	886	5	-	8,072	3,388	-	11,460		TRAD
350314	*	US DEPT OF ENERGY	WEINSTEIN, L.	82,118	2,576	-	-	84,694	42,347	-	127,041		TRAD
706141	*	JEFFERSON SCIENCE ASSOCIATES	WEINSTEIN, L.	82,181	10,523	-	-	92,704	25,030	-	117,734		TRAD
712581		JEFFERSON SCIENCE ASSOCIATES	WEINSTEIN, L.	-	-	-	4	4	-	-	4		TRAD
				2,157,792	189,834	152,772	124,786	2,625,184	760,410	-	3,385,594	28.97%	

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Computer Sciences													
311072	*	NATL SCIENCE FOUNDATION	CHERNIKOV, A.	2,425	-	-	-	2,425	606	-	3,031		TRAD
314082	*	NATL SCIENCE FOUNDATION	CHERNIKOV, A.	654	-	-	-	654	164	-	818		TRAD
513511	*	ODU	CHERNIKOV, A.	2,773	2,073	942	31	5,819	-	-	5,819		TRAD
311071		NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	17,362	-	-	-	17,362	8,681	-	26,043		TRAD
311072	*	NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	606	-	-	-	606	152	-	758		TRAD
314071		NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	74,659	4,806	-	-	79,465	39,733	-	119,198		TRAD
314081		NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	45,457	1,333	-	-	46,790	23,395	-	70,185		TRAD
314082	*	NATL SCIENCE FOUNDATION	CHRISOCHOIDES, N.	164	-	-	-	164	41	-	205		TRAD
510691		COLLEGE OF WILLIAM AND MARY	CHRISOCHOIDES, N.	38,211	10,877	-	8,239	57,327	28,664	-	85,991		TRAD
513511	*	ODU	CHRISOCHOIDES, N.	2,840	2,123	965	32	5,960	-	-	5,960		TRAD
516251		COLLEGE OF WILLIAM AND MARY	CHRISOCHOIDES, N.	16,956	-	-	-	16,956	8,478	-	25,434		TRAD
523941	*	ODU	HE, J.	3,917	150	36,220	-	40,287	-	-	40,287		ARC
316291		NATL SCIENCE FOUNDATION	JI, S.	2,163	1,442	-	-	3,605	1,911	-	5,516		TRAD
513511	*	ODU	JI, S.	2,773	2,073	942	31	5,819	-	-	5,819		TRAD
585531		UNIV OF MEMPHIS	LEVINSTEIN, I.	(300)	-	-	-	(300)	(126)	-	(426)		TRAD
310631		NATL SCIENCE FOUNDATION	LI, Y.	30,809	-	-	-	30,809	15,404	-	46,213		TRAD
311991	*	NATL SCIENCE FOUNDATION	LI, Y.	7,215	-	-	-	7,215	2,020	-	9,235		TRAD
372391	*	NATL SCIENCE FOUNDATION	MALY, K.	9,126	893	-	-	10,019	4,208	-	14,227		TRAD
372392	*	NATL SCIENCE FOUNDATION	MALY, K.	351	-	-	-	351	88	-	439		TRAD
372393	*	NATL SCIENCE FOUNDATION	MALY, K.	9,265	762	-	-	10,027	5,014	-	15,041		TRAD
700981		SIMIS, INC.	MALY, K.	2,483	-	-	135	2,618	681	-	3,299		TRAD
713221		INNGINEERED SOLUTIONS	MALY, K.	3,441	-	-	-	3,441	895	-	4,336		TRAD
716821		RAYTHEON AIRCRAFT COMPANY	MALY, K.	78,825	-	-	-	78,825	20,494	-	99,319		TRAD
720841		CHIRPXM, INC.	MALY, K.	8,842	-	-	-	8,842	2,299	-	11,141		TRAD
774451		PRENTICE HALL BUS PUBLISHING	MALY, K.	2,285	743	-	-	3,028	-	-	3,028		TRAD
774741		HOSPICE OF PALM BEACH COUNTY	MALY, K.	41,283	-	-	-	41,283	10,734	-	52,017		TRAD
784683	*	NATL INST AEROSPACE ASSOC	MUKKAMALA, R.	13,925	915	-	-	14,840	7,420	-	22,260		TRAD
314501		NATL SCIENCE FOUNDATION	NADEEM, T.	-	10,000	-	-	10,000	-	-	10,000		TRAD
724371		SIEMENS AUTOMOTIVE INC.	NADEEM, T.	8,797	-	-	-	8,797	4,662	-	13,459		TRAD
523911	*	ODU	NADEEM, T.	16,039	1,151	15,990	-	33,180	-	-	33,180		TRAD

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				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
302781		NATL SCIENCE FOUNDATION	NELSON, M.	64,339	-	-	-	64,339	32,169	-	96,508		TRAD
305601		LIBRARY OF CONGRESS	NELSON, M.	62,136	8,702	-	268,752	339,590	35,419	-	375,009		TRAD
311991	*	NATL SCIENCE FOUNDATION	NELSON, M.	3,607	-	-	-	3,607	1,010	-	4,617		TRAD
325301		NATL SCIENCE FOUNDATION	NELSON, M.	-	-	-	8,226	8,226	-	-	8,226		TRAD
370161		NATL SCIENCE FOUNDATION	NELSON, M.	52,487	2,603	-	-	55,090	23,138	-	78,228		TRAD
513541	*	ODU	NELSON, M.	2,362	147	-	162	2,671	-	-	2,671		TRAD
313011	*	NATL SCIENCE FOUNDATION	OLARIU, S.	19,900	41	-	-	19,941	9,970	-	29,911		TRAD
373021	*	NATL SCIENCE FOUNDATION	OLARIU, S.	4,901	34	-	-	4,935	2,073	-	7,008		TRAD
373211		NATL SCIENCE FOUNDATION	OLARIU, S.	1,160	-	-	-	1,160	487	-	1,647		TRAD
311991	*	NATL SCIENCE FOUNDATION	RANJAN, D.	3,607	-	-	-	3,607	1,010	-	4,617		TRAD
712336	*	JEFFERSON SCIENCE ASSOCIATES	RANJAN, D.	2,363	-	-	-	2,363	-	-	2,363		TRAD
310691		COLLEGE OF WILLIAM AND MARY	RBS	(10,833)	-	-	-	(10,833)	(5,417)	-	(16,250)		TRAD
313011	*	NATL SCIENCE FOUNDATION	WEIGLE, M.	19,900	40	-	-	19,940	9,970	-	29,910		TRAD
372041		NATL SCIENCE FOUNDATION	WEIGLE, M.	17,857	3,565	-	-	21,422	8,997	-	30,419		TRAD
372042		NATL SCIENCE FOUNDATION	WEIGLE, M.	2,792	-	-	-	2,792	698	-	3,490		TRAD
373021	*	NATL SCIENCE FOUNDATION	WEIGLE, M.	4,901	34	-	-	4,935	2,073	-	7,008		TRAD
513541	*	ODU	WEIGLE, M.	2,362	147	-	162	2,671	-	-	2,671		TRAD
372391	*	NATL SCIENCE FOUNDATION	ZUBAIR, M.	9,126	893	-	-	10,019	4,208	-	14,227		TRAD
372392	*	NATL SCIENCE FOUNDATION	ZUBAIR, M.	351	-	-	-	351	88	-	439		TRAD
372393	*	NATL SCIENCE FOUNDATION	ZUBAIR, M.	9,265	762	-	-	10,027	5,014	-	15,041		TRAD
507235		VA DEPT ENVIRON QUALITY	ZUBAIR, M.	5,087	-	-	-	5,087	114	-	5,201		TRAD
515983		VA DEPT ENVIRON QUALITY	ZUBAIR, M.	14,198	-	-	-	14,198	1,420	-	15,618		TRAD
712336	*	JEFFERSON SCIENCE ASSOCIATES	ZUBAIR, M.	2,363	-	-	-	2,363	-	-	2,363		TRAD
				737,577	56,309	55,059	285,770	1,134,715	318,059	-	1,452,774	28.03%	
TOTAL SCIENCES				**$ 8,679,347**	**$ 2,048,231**	**$ 597,847**	**$ 1,289,401**	**$ 12,614,826**	**$ 3,743,079**	**$ 29,153**	**$ 16,387,058**	**29.90%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
OFFICE OF RESEARCH AND OTHER UNITS													
Frank Reidy Research Center for Bioelectrics													
522541	*	CENTER INNOVATIVE TECHNOLOGY	BEEBE	9,491	7,536	-	-	17,027	-	-	17,027		CBE
713401		ETHICON ENDO-SURGERY, INC.	BEEBE, S.	25,544	28,872	-	-	54,416	27,208	-	81,624		CBE
213941	*	ARMY MED RES COMMAND	BEEBE, S.	49,031	4,870	-	-	53,901	30,643	-	84,544		CBE
294811	*	ARMY MED RES COMMAND	BEEBE, S.	15,312	3,391	-	25,428	44,131	11,222	-	55,353		CBE
206902	*	OFFICE OF NAVAL RESEARCH	CHEN, Y.J.	878	-	-	-	878	439	-	1,317		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y.J.	6,644	5,275	-	-	11,919	-	-	11,919		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y.J.	4,153	-	-	-	4,153	-	-	4,153		CBE
213941	*	ARMY MED RES COMMAND	CHEN, Y.J.	49,031	4,870	-	-	53,901	30,643	-	84,544		CBE
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	83,236	14,878	1,613	-	99,727	49,057	-	148,784		CBE
786304	*	GENERAL DYNAMICS	PAKHOMOV, A.	16,423	1,683	-	-	18,106	9,054	-	27,160		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOV, A.	4,467	4,208	-	-	8,675	4,337	-	13,012		CBE
382011	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	84,819	8,718	12,157	1,314	107,008	39,286	-	146,294		CBE
523941	*	ODU	PAKHOMOV, A.	653	25	6,037	-	6,715	-	-	6,715		CBE
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOVA, O.	17,836	3,188	346	-	21,370	10,512	-	31,882		CBE
786304	*	GENERAL DYNAMICS	PAKHOMOVA, O.	4,106	421	-	-	4,527	2,263	-	6,790		CBE
523941	*	ODU	PAKHOMOVA, O.	653	25	6,037	-	6,715	-	-	6,715		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOVA, O.	4,467	4,208	-	-	8,675	4,338	-	13,013		CBE
786306	*	GENERAL DYNAMICS	SCHOENBACH, K.	2,239	1,236	-	-	3,475	1,737	-	5,212		CBE
365522		NATL SCIENCE FOUNDATION	SONG, M.	-	-	-	-	-	197	-	197		CBE
712641		BREEDEN-ADAMS FOUNDATION	STACEY, M.	6,848	3,017	-	-	9,865	-	-	9,865		CBE
513511	*	ODU	STACEY, M.	2,773	2,073	942	31	5,819	-	-	5,819		CBE
282911		AIR FORCE OFFICE SCI RES	XIAO, S.	21,486	15,440	(1,190)	-	35,736	14,258	-	49,994		CBE
786305		GENERAL DYNAMICS	XIAO, S.	2,002	1,754	-	1,466	5,222	2,611	-	7,833		CBE
206901	*	OFFICE OF NAVAL RESEARCH	XIAO, S.	98,334	15,322	70,371	4,077	188,104	56,828	-	244,932		CBE
786306	*	GENERAL DYNAMICS	XIAO, S.	8,958	4,942	-	-	13,900	6,950	-	20,850		CBE
				519,384	135,952	96,313	32,316	783,965	301,583	-	1,085,548	38.47%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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(MEASURED BY EXPENDITURES INCURRED)

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Virginia Modeling, Analysis and Simulation Center - VMASC													
513431	*	ODU	BANKS, C.	2,625	-	-	286	2,911	-	-	2,911		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	3,135	17,364	-	14,119	34,618	8,610	-	43,228		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	BEHR, J.	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
514321	*	ODU	BEHR, J.	13,609	1,136	-	-	14,745	-	-	14,745		VMASC
516851	*	ODU	BEHR, J.	5,470	597	-	-	6,067	-	-	6,067		VMASC
206401	*	MODELING & SIMULATION CO OFF	BEHR, J.	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
282010	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	-	-	-	8,215	8,215	-	-	8,215		VMASC
282018	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	10,440	18,667	-	59,521	88,628	17,475	-	106,103		VMASC
502211	*	ODU	BEHR, J.	-	-	-	-	-	-	-	-		VMASC
206401	*	MODELING & SIMULATION CO OFF	COLLINS, A.	53,878	2,570	-	34,417	90,865	19,757	-	110,622		VMASC
523521	*	ODU	COLLINS, A.	11,190	3,369	-	-	14,559	-	-	14,559		VMASC
786852	*	DIAMOND VISIONICS	CROLL, M.	4,833	303	-	-	5,136	2,157	-	7,293		VMASC
225071	*	ARMY MED RES COMMAND	CROLL, M.	546	359	-	2,252	3,157	1,293	-	4,450		VMASC
304941	*	US PUBLIC HEALTH SERVICE	CROLL, M.	13,929	744	2,015	-	16,688	7,336	-	24,024		VMASC
751082	*	NATL INST AEROSPACE ASSOC	CROLL, M.	4,716	21	-	-	4,737	2,510	-	7,247		VMASC
282016	*	NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	127,108	10,282	-	-	137,390	57,704	-	195,094		VMASC
515381	*	ODU	DIALLO, S.	12,103	-	-	228	12,331	-	-	12,331		VMASC
206401	*	MODELING & SIMULATION CO OFF	DIALLO, S.	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	DIALLO, S.	3,437	119	-	-	3,556	356	-	3,912		VMASC
705191	*	RAYTHEON AIRCRAFT COMPANY	DIALLO, S.	-	-	-	5	5	3	-	8		VMASC
514321	*	ODU	DIAZ, R.	23,816	1,988	-	-	25,804	-	-	25,804		VMASC
516851	*	ODU	DIAZ, R.	12,035	1,314	-	-	13,349	-	-	13,349		VMASC
502211	*	ODU	DIAZ, R.	-	-	-	-	-	-	-	-		VMASC
516831		HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	11,982	-	-	-	11,982	6,350	-	18,332		VMASC
516832		HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	16,333	-	-	-	16,333	8,656	-	24,989		VMASC
522361		VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	72,657	-	-	-	72,657	38,508	-	111,165		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	3,135	17,365	-	14,119	34,619	8,610	-	43,229		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	12,404	247	-	-	12,651	6,325	-	18,976		VMASC
514321	*	ODU	EZELL, B.	13,609	1,136	-	-	14,745	-	-	14,745		VMASC
282010	*	NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	-	-	-	8,215	8,215	-	-	8,215		VMASC
525531	*	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	682	-	-	-	682	362	-	1,044		VMASC

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512611	*	VA DEP OF EMERGENCY MANAGEMENT	FOYTIK, P.	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
515381	*	ODU	FOYTIK, P.	12,103	-	-	228	12,331	-	-	12,331		VMASC
305971	*	US DEPT OF TRANSPORTATION	FOYTIK, P.	17,616	-	-	-	17,616	8,808	-	26,424		VMASC
502211	*	ODU	FOYTIK, P.	-	-	-	-	-	-	-	-		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	GARCIA, H.	3,437	119	-	-	3,556	356	-	3,912		VMASC
702671	*	HR EDUCATIONAL TELECOMM ASSOC	PAPELIS, Y.	-	-	-	-	-	-	-	-		VMASC
715621	*	TUNNEL VISION, LLC	PAPELIS, Y.	1,355	-	-	-	1,355	677	-	2,032		VMASC
786852	*	DIAMOND VISIONICS	PAPELIS, Y.	6,444	404	-	-	6,848	2,876	-	9,724		VMASC
751082	*	NATL INST AEROSPACE ASSOC	PAPELIS, Y.	11,004	48	-	-	11,052	5,858	-	16,910		VMASC
225071	*	ARMY MED RES COMMAND	PAPELIS, Y.	2,185	1,437	-	9,006	12,628	5,173	-	17,801		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	PAPELIS, Y.	3,437	119	-	-	3,556	356	-	3,912		VMASC
721661		DDL OMNI ENGINEERING	PARODI, A.	66,140	-	-	-	66,140	35,054	-	101,194		VMASC
225071	*	ARMY MED RES COMMAND	PARODI, A.	6,554	4,312	-	27,019	37,885	15,520	-	53,405		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	PARODI, A.	3,438	119	-	-	3,557	354	-	3,911		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, M.	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
515381	*	ODU	ROBINSON, M.	12,469	-	-	234	12,703	-	-	12,703		VMASC
715621	*	TUNNEL VISION, LLC	ROBINSON, M.	903	-	-	-	903	452	-	1,355		VMASC
305971	*	US DEPT OF TRANSPORTATION	ROBINSON, M.	26,423	-	-	-	26,423	13,212	-	39,635		VMASC
514421	*	VA DEPT OF TRANSPORTATION	ROBINSON, M.	17,175	406	-	-	17,581	1,758	-	19,339		VMASC
521705	*	UNIVERSITY OF IDAHO	ROBINSON, M.	2,195	-	-	-	2,195	1,163	-	3,358		VMASC
521701	*	UNIVERSITY OF IDAHO	ROBINSON, M.	-	1,776	-	-	1,776	941	-	2,717		VMASC
521702	*	UNIVERSITY OF IDAHO	ROBINSON, M.	1,879	-	1,250	-	3,129	996	-	4,125		VMASC
521706	*	UNIVERSITY OF IDAHO	ROBINSON, M.	-	100	-	-	100	53	-	153		VMASC
516861	*	VA DEPT OF TRANSPORTATION	ROBINSON, M.	7,162	-	-	-	7,162	860	-	8,022		VMASC
206401	*	MODELING & SIMULATION CO OFF	SHERFEY, S.	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
525531	*	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	683	-	-	-	683	362	-	1,045		VMASC

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281981		ARMY RESEARCH OFFICE	SOKOLOWSKI, J.	55,546	-	-	-	55,546	1,666	-	57,212		VMASC
282014		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	-	-	44,844	44,844	-	-	44,844		VMASC
282015		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	94,083	30,724	-	-	124,807	52,419	-	177,226		VMASC
285511		NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	30,863	1,929	-	-	32,792	8,526	-	41,318		VMASC
286014		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	81	-	-	-	81	28	-	109		VMASC
286021		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	61,153	7,944	-	-	69,097	24,184	-	93,281		VMASC
286022		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	57,869	-	-	-	57,869	20,254	-	78,123		VMASC
286023		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	75,443	-	-	-	75,443	26,405	-	101,848		VMASC
286025		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	38,822	-	-	-	38,822	13,588	-	52,410		VMASC
291421		US JOINT FORCES COMMAND	SOKOLOWSKI, J.	59,615	-	-	-	59,615	1,788	-	61,403		VMASC
296811		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	6,530	-	-	-	6,530	196	-	6,726		VMASC
391051		OFFICE OF SECRETARY FO DEFENSE	SOKOLOWSKI, J.	159,459	-	-	-	159,459	4,784	-	164,243		VMASC
716451		ALION SCIENCE & TECHNOLOGY COR	SOKOLOWSKI, J.	87,462	-	-	-	87,462	43,731	-	131,193		VMASC
720921		ALION SCIENCE & TECHNOLOGY COR	SOKOLOWSKI, J.	73,835	-	-	-	73,835	19,197	-	93,032		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	-	-	-	-	-	-	-		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	SOKOLOWSKI, J.	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
513431	*	ODU	SOKOLOWSKI, J.	2,625	-	-	286	2,911	-	-	2,911		VMASC
100700		NO AGENCY ASSIGNED	SOKOLOWSKI, J.	39,147	92,839	13,660	4,701	150,347	-	-	150,347		VMASC
220141		U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	26,379	2,703	-	-	29,082	2,908	-	31,990		VMASC
222321		OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	69,225	-	-	-	69,225	6,923	-	76,148		VMASC
223101		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	56,331	-	-	-	56,331	5,633	-	61,964		VMASC
225951		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	-	1,147	-	-	1,147	333	-	1,480		VMASC
282019		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	56,619	26,362	-	-	82,981	34,852	-	117,833		VMASC
285512		NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	615,281	6,494	-	-	621,775	161,662	-	783,437		VMASC
286027		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	135,230	570	-	-	135,800	47,530	-	183,330		VMASC
286028		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	76,730	1,080	-	-	77,810	27,234	-	105,044		VMASC
286029		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	3,792	-	-	4,388	8,180	2,863	-	11,043		VMASC
286030		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	5,395	-	-	-	5,395	1,888	-	7,283		VMASC
286031		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	44,216	-	-	-	44,216	15,475	-	59,691		VMASC
291422		U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	96,743	-	-	-	96,743	9,674	-	106,417		VMASC
296261		OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	165,077	-	-	-	165,077	4,952	-	170,029		VMASC
296812		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	169,327	-	-	-	169,327	16,933	-	186,260		VMASC
513451		HAMPTON ROADS PARTNERSHIP	SOKOLOWSKI, J.	14,714	-	-	-	14,714	-	-	14,714		VMASC
520461		ODU	SOKOLOWSKI, J.	43,672	8,534	688	152,300	205,194	37,500	-	242,694		VMASC
206401	*	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
282018	*	NAVSUP FLEET LOGISTICS NORFOLK	STACIA, J.	10,441	18,667	-	59,522	88,630	17,475	-	106,105		VMASC
				3,215,891	291,954	17,613	526,505	4,051,963	948,346	-	5,000,309	23.40%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
ODU Business Gateway												
304611	SMALL BUSINESS ADMIN	ROBERTSON, J.	(2,810)	199	2,315	-	(296)	(679)	-	(975)		VATPDC
304612	SMALL BUSINESS ADMIN	ROBERTSON, J.	1,790	17,097	2,394	-	21,281	4,911	-	26,192		
304613	SMALL BUSINESS ADMIN	ROBERTSON, J.	86,255	5,522	-	-	91,777	23,862	-	115,639		
304614	SMALL BUSINESS ADMIN	ROBERTSON, J.	-	2,149	-	-	2,149	-	-	2,149		
304615	SMALL BUSINESS ADMIN	ROBERTSON, J.	16,220	272	-	-	16,492	4,288	-	20,780		
304616	SMALL BUSINESS ADMIN	ROBERTSON, J.	-	3,761	-	-	3,761	978	-	4,739		
520941	CRATER PLANNING DISTRICT COMM	ROBERTSON, J.	-	21,841	-	-	21,841	-	-	21,841		
700201	PRIVATE SPONSORS	ROBERTSON, J.	-	4,222	-	-	4,222	-	-	4,222		VATPDC
700202	PRIVATE SPONSORS	ROBERTSON, J.	-	5,048	-	-	5,048	-	-	5,048		VATPDC
721881	GENEDGE ALLIANCE	ROBERTSON, J.	139,005	-	-	-	139,005	-	-	139,005		VATPDC
			240,460	60,111	4,709	-	305,280	33,360	-	338,640	10.93%	
Association for Consortium Leadership												
100082	PRIVATE DONATIONS	DOTOLO, L.	-	38,347	-	-	38,347	1,534	-	39,881		ACL
			-	38,347	-	-	38,347	1,534	-	39,881	4.00%	
Virginia Tidewater Consortium for Higher Education												
205741	U.S.JOINT FORCES STAFF COLLEGE	DOTOLO, L.	14,643	-	-	4	14,647	-	-	14,647		TRAD
210171	U.S.JOINT FORCES STAFF COLLEGE	DOTOLO, L.	14,542	-	-	-	14,542	7,271	-	21,813		TRAD
315681	US DEPT OF EDUCATION	DOTOLO, L.	265,886	12,544	-	-	278,430	22,274	-	300,704		TRAD
370735	US DEPT OF EDUCATION	DOTOLO, L.	65,898	2,233	-	-	68,131	5,450	-	73,581		TRAD
510371	SSTATE COUNCIL HIGHES ED IN VA	DOTOLO, L.	38,801	5,328	-	-	44,129	3,530	-	47,659		TRAD
513081	VA DEP OF EMERGENCY MANAGEMENT	DOTOLO, L.	25,670	-	-	99,250	124,920	1,283	-	126,203		TRAD
524771	SSTATE COUNCIL HIGHES ED IN VA	DOTOLO, L.	35,636	6,661	-	-	42,297	3,384	-	45,681		VTC
525061	VA DEP OF EMERGENCY MANAGEMENT	DOTOLO, L.	20,345	753	-	15,644	36,742	9,553	-	46,295		TRAD
720931	RIVERA CONSULTING GROUP, INC.	DOTOLO, L.	14,197	448	-	-	14,645	3,807	-	18,452		TRAD
			495,618	27,967	-	114,898	638,483	56,552	-	695,035	8.86%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

			PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Virginia Space Grant Consortium												
392181	NATL SCIENCE FOUNDATION	CARTER, C.	33,649	28,331	-	224,541	286,521	16,931	-	303,452		VSGC
526341	LONGWOOD UNIVERSITY	CARTER, C.	-	1,317	-	9,200	10,517	105	-	10,622		VSGC
590891	HAMPTON PUBLIC SCHOOLS	CARTER, C.	66,568	34,353	-	5,798	106,719	8,074	-	114,793		VSGC
104761	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	25,499	(2,948)	-	67,103	89,654	11,275	-	100,929		VSGC
104762	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	185,051	33,428	-	212,640	431,119	99,438	-	530,557		VSGC
154075	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	-	-	3,169	3,169	-	-	3,169		VSGC
154079	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	1,667	-	-	1,667	700	-	2,367		VSGC
154083	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	2,999	-	-	2,999	150	-	3,149		VSGC
154093	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	-	-	34,564	34,564	-	-	34,564		VSGC
154094	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	-	2,541	-	-	2,541	661	-	3,202		VSGC
192691	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	153,318	165,145	-	103,737	422,200	82,801	-	505,001		VSGC
192692	NASA-GODDARD SPACEFLIGHT CNTR	SANDY, M.	13,504	23,390	-	46,811	83,705	9,592	-	93,297		VSGC
197531	NASA-LANGLEY RESEARCH CENTER	SANDY, M.	161,317	103,820	-	-	265,137	132,569	-	397,706		VSGC
390911	FEDERAL AVIATION ADMIN	SANDY, M.	72,672	83,307	-	-	155,979	65,511	-	221,490		VSGC
397562	US DEPT OF EDUCATION	SANDY, M.	7,405	384	-	6,750	14,539	623	-	15,162		VSGC
501271	SSTATE COUNCIL HIGHES ED IN VA	SANDY, M.	69,332	-	-	-	69,332	-	-	69,332		VSGC
523751	SSTATE COUNCIL HIGHES ED IN VA	SANDY, M.	-	-	-	189,500	189,500	-	-	189,500		VSGC
700991	NATL INST AEROSPACE ASSOC	SANDY, M.	-	384	-	500	884	100	-	984		VSGC
704231	NATL INST AEROSPACE ASSOC	SANDY, M.	4,187	3,710	-	-	7,897	2,053	-	9,950		VSGC
704791	NATL INST AEROSPACE ASSOC	SANDY, M.	20,806	2,572	-	9,360	32,738	6,078	-	38,816		VSGC
764465	NATL INST AEROSPACE ASSOC	SANDY, M.	39,668	3,055	-	264,419	307,142	11,108	-	318,250		VSGC
764466	NATL INST AEROSPACE ASSOC	SANDY, M.	98,225	5,707	-	666,665	770,597	27,022	-	797,619		VSGC
793282	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	22	-	15,424	15,446	2,807	-	18,253		VSGC
793283	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	3,927	-	-	909	4,836	1,234	-	6,070		VSGC
793284	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	32	-	-	32	3,312	-	3,344		VSGC
793285	NEW HORIZONS REGIONAL EDU CTRS	SANDY, M.	-	1,943	-	3,946	5,889	505	-	6,394		VSGC
797161	NATL SPACE GRANT FOUNDATION	SANDY, M.	-	-	-	86,738	86,738	-	-	86,738		VSGC
			955,128	495,159	-	1,951,774	3,402,061	482,649	-	3,884,710	14.19%	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2012

				PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
Other Miscellaneous Units													
723541	*	AM ASSOC - AFFIRMATIVE ACTION	DUNMAN, R.	1,000	-	-	-	1,000	530	-	1,530		SSRC
512931		VA TECH	LEWIS, B.	-	681	-	-	681	341	-	1,022		TRAD
371602		ODU	TOLLIVER, O.	57,978	9,321	-	60,842	128,141	5,384	-	133,525		TRAD
371603		ODU	TOLLIVER, O.	149,920	4,852	-	12,613	167,385	12,382	-	179,767		TRAD
505901		MARTIN LUTHER KING MEM COMM	O'HERRON, V.	-	71	-	60	131	-	-	131		TRAD
302511		ODU	HINES, J.	236,008	8,355	-	24,675	269,038	19,549	-	288,587		TRAD
				444,906	23,280	-	98,190	566,376	38,186	-	604,562	6.74%	
TOTAL OFFICE OF RESEARCH AND OTHER UNITS				**$ 5,871,387**	**$ 1,072,770**	**$ 118,635**	**$ 2,723,683**	**$ 9,786,475**	**$ 1,862,210**	**$ -**	**$ 11,648,685**	**19.03%**	
GRAND TOTAL				**$ 23,718,386**	**$ 5,658,253**	**$ 1,080,665**	**$ 53,039,547**	**$ 83,496,851**	**$ 8,439,290**	**$ 29,153**	**$ 91,965,294**	**10.14%**	

SCHEDULE 5

Enterprise Centers Including Projects Reported as

Activity of an Academic Department

Fiscal Year 2012

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 2012

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
APPLIED RESEARCH CENTER														
316341	*	US DEPT OF ENERGY	BAUMGART, H.	4054.1	5,164	1,587	-	-	6,751	3,578	-	10,329		ARC
506411		UNIVERSITY OF VIRGINIA	BAUMGART, H.	4054.1	16,894	2,426	-	-	19,320	9,660	-	28,980		ARC
514191		UNIVERSITY OF MARYLAND	BAUMGART, H.	4054.1	30,907	1,690	-	419	33,016	8,475	-	41,491		ARC
715501		MICROXACT, INC.	BAUMGART, H.	4054.1	30,608	15,787	4,514	-	50,909	23,197	-	74,106		ARC
511671	*	UNIVERSITY OF TOLEDO	BAUMGART, H.	4054.1	3,955	1,416	5,859	-	11,230	3,278	-	14,508		ARC
513521		ODU	ELMUSTAFA, A.	4057.1	7,884	385	2,575	-	10,844	-	-	10,844		ARC
712332		JEFFERSON SCIENCE ASSOCIATES	ELMUSTAFA, A.	4057.1	45,133	-	-	-	45,133	-	-	45,133		ARC
107171		NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054.1	1,017	-	-	-	1,017	507	-	1,524		ARC
192131		NASA-LANGLEY RESEARCH CENTER	ELSAYED-ALI, H.	4054.1	138,833	-	-	-	138,833	36,097	-	174,930		ARC
351783		NATL SCIENCE FOUNDATION	ELSAYED-ALI, H.	4054.1	4,689	-	-	-	4,689	1,969	-	6,658		ARC
515911		NORFOLK STATE UNIVERSITY	ELSAYED-ALI, H.	4054.1	5,255	-	-	-	5,255	2,627	-	7,882		ARC
702931		LIFENET TRANSPLANT SERVICES	ELSAYED-ALI, H.	4054.1	377	-	-	-	377	188	-	565		ARC
705062		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054.1	9,524	-	-	-	9,524	2,476	-	12,000		ARC
705691		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054.1	1,467	-	-	300	1,767	3,333	-	5,100		ARC
712335		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054.1	18,404	-	-	-	18,404	-	-	18,404		ARC
717071		NATL INST AEROSPACE ASSOC	ELSAYED-ALI, H.	4054.1	725	-	-	-	725	363	-	1,088		ARC
724621		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054.1	594	-	-	-	594	315	-	909		ARC
795261		JEFFERSON SCIENCE ASSOCIATES	ELSAYED-ALI, H.	4054.1	37,915	-	-	-	37,915	18,958	-	56,873		ARC
511671	*	UNIVERSITY OF TOLEDO	ELSAYED-ALI, H.	4054.1	7,910	2,831	11,719	-	22,460	6,556	-	29,016		ARC
523941	*	ODU	ELSAYED-ALI, H.	4054.1	1,305	50	12,073	-	13,428	-	-	13,428		ARC
196581		NASA-LANGLEY RESEARCH CENTER	LAWRENCE, R.	4059.1	3,151	-	-	-	3,151	1,576	-	4,727		ARC
784686		NATL INST AEROSPACE ASSOC	LAWRENCE, R.	4059.1	65,804	986	-	-	66,790	17,365	-	84,155		ARC
513021		UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054.1	52,914	5,005	98,497	-	156,416	34,751	-	191,167		ARC
520551		UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054.1	4,531	25,455	19,585	-	49,571	15,893	-	65,464		ARC
524351		UNIVERSITY OF ILLIONIS	MARSILLAC, S.	4054.1	8,974	-	-	-	8,974	4,756	-	13,730		ARC
316341	*	US DEPT OF ENERGY	MARSILLAC, S.	4054.1	18,075	5,555	-	-	23,630	12,524	-	36,154		ARC
511671	*	UNIVERSITY OF TOLEDO	MARSILLAC, S.	4054.1	63,276	22,647	93,752	-	179,675	52,450	-	232,125		ARC
704711		CERMET, INC.	NAMKOONG, G.	4054.1	39,985	8,342	-	-	48,327	24,163	-	72,490		ARC
710461		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054.1	-	-	-	1	1	3	-	4		ARC
713621		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054.1	2,503	136	-	67	2,706	569	-	3,275		ARC
720071		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054.1	7,809	6,250	-	-	14,059	2,952	-	17,011		ARC
723611		GWANGJU INSTITUTE OF SCI & TEC	NAMKOONG, G.	4054.1	6,619	749	-	-	7,368	1,547	-	8,915		ARC
511671	*	UNIVERSITY OF TOLEDO	NAMKOONG, G.	4054.1	3,955	1,416	5,859	-	11,230	3,278	-	14,508		ARC
316341	*	US DEPT OF ENERGY	NAMKOONG, G.	4054.1	2,582	794	-	-	3,376	1,789	-	5,165		ARC
					648,738	103,507	254,433	787	1,007,465	295,193	-	1,302,658	29.30%	

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 2012

					PROJECT DIRECT COST					PROJECT IDC AND FEES				
PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS														
522541	*	CENTER INNOVATIVE TECHNOLOGY	BEEBE	9010.2	9,491	7,536	-	-	17,027	-	-	17,027		
713401		ETHICON ENDO-SURGERY, INC.	BEEBE, S.	9010.2	25,544	28,872	-	-	54,416	27,208	-	81,624		
213941	*	ARMY MED RES COMMAND	BEEBE, S.	9010.2	49,031	4,870	-	-	53,901	30,643	-	84,544		
294811	*	ARMY MED RES COMMAND	BEEBE, S.	9010.2	15,312	3,391	-	25,428	44,131	11,222	-	55,353		
206902	*	OFFICE OF NAVAL RESEARCH	CHEN, Y.J.	9010.2	878	-	-	-	878	439	-	1,317		CBE
522541	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y.J.	9010.2	6,644	5,275	-	-	11,919	-	-	11,919		CBE
522551	*	CENTER INNOVATIVE TECHNOLOGY	CHEN, Y.J.	9010.2	4,153	-	-	-	4,153	-	-	4,153		CBE
213941	*	ARMY MED RES COMMAND	CHEN, Y.J.	9010.2	49,031	4,870	-	-	53,901	30,643	-	84,544		CBE
213941	*	ARMY MED RES COMMAND	HARGRAVE, B.	6081.2	43,263	4,297	-	-	47,560	27,038	-	74,598		
294811	*	ARMY MED RES COMMAND	HARGRAVE, B.	6081.2	15,312	3,391	-	25,428	44,131	11,222	-	55,353		
522551	*	CENTER INNOVATIVE TECHNOLOGY	HARGRAVE, B.	6081.2	4,152	-	-	-	4,152	-	-	4,152		
213941	*	ARMY MED RES COMMAND	HELLER, L.	5056.2	49,031	4,870	-	-	53,901	30,643	-	84,544		
294811	*	ARMY MED RES COMMAND	HELLER, L.	5056.2	15,312	3,391	-	25,428	44,131	11,222	-	55,353		
391061		US PUBLIC HEALTH SERVICE	HELLER, R.	5056.2	126,299	43,699	-	33,362	203,360	84,999	-	288,359		
391071		US PUBLIC HEALTH SERVICE	HELLER, R.	5056.2	5,680	683	-	5,149	11,512	3,303	-	14,815		
391091		US PUBLIC HEALTH SERVICE	HELLER, R.	5056.2	145,529	129,710	-	-	275,239	137,619	-	412,858		
710101		INTREXON CORPORATION	HELLER, R.	5056.2	-	2,195	-	9,664	11,859	5,930	-	17,789		
712451		VANDALIA RESEARCH, INC.	HELLER, R.	5056.2	76,211	5,532	-	-	81,743	49,046	-	130,789		
716351		GENERAL ELECTRIC GLOBAL RESCH	HELLER, R.	5056.2	13,000	2,701	-	-	15,701	-	-	15,701		
294811	*	ARMY MED RES COMMAND	HELLER, R.	5056.2	18,375	4,069	-	30,514	52,958	13,466	-	66,424		
522541	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	5056.2	2,847	2,261	-	-	5,108	-	-	5,108		
522551	*	CENTER INNOVATIVE TECHNOLOGY	HELLER, R.	5056.2	4,278	-	-	-	4,278	-	-	4,278		
213941	*	ARMY MED RES COMMAND	HELLER, R.	5056.2	49,031	4,870	-	-	53,901	30,643	-	84,544		
715481		INST ELE & ELEC ENGINEERS	KOLB, J.	4054.2	-	640	-	241	881	-	-	881		CBE
213941	*	ARMY MED RES COMMAND	KOLB, J.	4054.2	49,030	4,870	-	-	53,900	30,641	-	84,541		CBE
294811	*	ARMY MED RES COMMAND	KOLB, J.	4054.2	15,312	3,391	-	25,428	44,131	11,222	-	55,353		
382011	*	US PUBLIC HEALTH SERVICE	KOLB, J.	4054.2	10,602	1,090	1,520	164	13,376	4,911	-	18,287		
294811	*	ARMY MED RES COMMAND	MADHAVAN, P.	6087.2	7,146	1,582	-	11,867	20,595	5,237	-	25,832		
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	9010.2	83,236	14,878	1,613	-	99,727	49,057	-	148,784		CBE
786304	*	GENERAL DYNAMICS	PAKHOMOV, A.	9010.2	16,423	1,683	-	-	18,106	9,054	-	27,160		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOV, A.	9010.2	4,467	4,208	-	-	8,675	4,337	-	13,012		CBE
382011	*	US PUBLIC HEALTH SERVICE	PAKHOMOV, A.	9010.2	84,819	8,718	12,157	1,314	107,008	39,286	-	146,294		CBE
523941	*	ODU	PAKHOMOV, A.	9010.2	653	25	6,037	-	6,715	-	-	6,715		CBE
302401	*	US PUBLIC HEALTH SERVICE	PAKHOMOVA, O.	9010.2	17,836	3,188	346	-	21,370	10,512	-	31,882		CBE
786304	*	GENERAL DYNAMICS	PAKHOMOVA, O.	9010.2	4,106	421	-	-	4,527	2,263	-	6,790		CBE
523941	*	ODU	PAKHOMOVA, O.	9010.2	653	25	6,037	-	6,715	-	-	6,715		CBE
786307	*	GENERAL DYNAMICS	PAKHOMOVA, O.	9010.2	4,467	4,208	-	-	8,675	4,338	-	13,013		CBE

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PROJECT NUMBER		SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	Dept	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	SUBCONTRACTS, CONSTRUCTION, TUITION & OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL SPECIAL FEES	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	CENTER
294811	*	ARMY MED RES COMMAND	SCHOENBACH, K.	4054.2	15,313	3,390	-	25,430	44,133	11,221	-	55,354		
382011	*	US PUBLIC HEALTH SERVICE	SCHOENBACH, K.	4054.2	10,603	1,089	1,519	165	13,376	4,910	-	18,286		
786306	*	GENERAL DYNAMICS	SCHOENBACH, K.	9010.2	2,239	1,236	-	-	3,475	1,737	-	5,212		CBE
365522		NATL SCIENCE FOUNDATION	SONG, M.	9010.2	-	-	-	-	-	197	-	197		CBE
712641		BREEDEN-ADAMS FOUNDATION	STACEY, M.	9010.2	6,848	3,017	-	-	9,865	-	-	9,865		CBE
513511	*	ODU	STACEY, M.	9010.2	2,773	2,073	942	31	5,819	-	-	5,819		CBE
302401	*	US PUBLIC HEALTH SERVICE	XIAO, S.	4054.2	17,836	3,188	345	-	21,369	10,512	-	31,881		
282911		AIR FORCE OFFICE SCI RES	XIAO, S.	9010.2	21,486	15,440	(1,190)	-	35,736	14,258	-	49,994		CBE
786305		GENERAL DYNAMICS	XIAO, S.	9010.2	2,002	1,754	-	1,466	5,222	2,611	-	7,833		CBE
206901	*	OFFICE OF NAVAL RESEARCH	XIAO, S.	9010.2	98,334	15,322	70,371	4,077	188,104	56,828	-	244,932		CBE
786306	*	GENERAL DYNAMICS	XIAO, S.	9010.2	8,958	4,942	-	-	13,900	6,950	-	20,850		CBE
714131		AMERICAN HEART ASSOCIATION	ZEMLIN, C.	4054.2	36,397	6,305	6,716	-	49,418	3,658	-	53,076		
					1,249,943	373,166	106,413	225,156	1,954,678	789,026	-	2,743,704	40.37%	
VIRGINIA COASTAL ENERGY RESEARCH CONSORTIUM														
786682	*	ACENT LABORATORIES.	GORDON, A.	6081.7	3,229	186	-	-	3,415	888	-	4,303		VCERC
398071		US DEPT OF ENERGY	HATCHER, P.	6082.7	32,419	31,369	3,987	-	67,775	31,894	-	99,669		VCERC
510131		TEXAS A & M UNIVERSITY	HATCHER, P.	6082.7	21,323	1,869	-	-	23,192	11,596	-	34,788		VCERC
584231		UNIVERSITY OF MAINE	HATCHER, P.	6082.7	558	3,057	-	-	3,615	904	-	4,519		VCERC
716431		AFTON CHEMICAL CORPORATION	HATCHER, P.	6082.7	5,107	134	-	2,304	7,545	3,773	-	11,318		VCERC
786682	*	ACENT LABORATORIES.	HATCHER, P.	6082.7	3,229	186	-	-	3,415	888	-	4,303		VCERC
786682	*	ACENT LABORATORIES.	MARSHALL, H.	6081.7	3,229	186	-	-	3,415	888	-	4,303		VCERC
786682	*	ACENT LABORATORIES.	SCHAFRAN, G.	4053.7	3,227	186	-	-	3,413	887	-	4,300		VCERC
786682	*	ACENT LABORATORIES.	STUBBINS, A.	6082.7	-	-	-	-	-	-	-	-		VCERC
					72,321	37,173	3,987	2,304	115,785	51,718	-	167,503	44.67%	

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VIRGINIA MODELING, ANALYSIS AND SIMULATION CENTER														
513431	*	ODU	BANKS, C.	9010.3	2,625	-	-	286	2,911	-	-	2,911		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	9010.3	3,135	17,364	-	14,119	34,618	8,610	-	43,228		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	BEHR, J.	9010.3	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
514321	*	ODU	BEHR, J.	9010.3	13,609	1,136	-	-	14,745	-	-	14,745		VMASC
516851	*	ODU	BEHR, J.	9010.3	5,470	597	-	-	6,067	-	-	6,067		VMASC
206401	*	MODELING & SIMULATION CO OFF	BEHR, J.	9010.3	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
282010	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	9010.3	-	-	-	8,215	8,215	-	-	8,215		VMASC
282018	*	NAVSUP FLEET LOGISTICS NORFOLK	BEHR, J.	9010.3	10,440	18,667	-	59,521	88,628	17,475	-	106,103		VMASC
502211	*	ODU	BEHR, J.	9010.3	-	-	-	-	-	-	-	-		VMASC
305971	*	US DEPT OF TRANSPORTATION	CETIN, M.	4053.3	8,808	-	-	-	8,808	4,404	-	13,212		VMASC
514421	*	VA DEPT OF TRANSPORTATION	CETIN, M.	4053.3	17,175	406	-	-	17,581	1,758	-	19,339		VMASC
715621	*	TUNNEL VISION, LLC	CETIN, M.	4053.3	452	-	-	-	452	226	-	678		VMASC
521705	*	UNIVERSITY OF IDAHO	CETIN, M.	4053.3	2,195	-	-	-	2,195	1,163	-	3,358		VMASC
206401	*	MODELING & SIMULATION CO OFF	COLLINS, A.	9010.3	53,878	2,570	-	34,417	90,865	19,757	-	110,622		VMASC
523521	*	ODU	COLLINS, A.	9010.3	11,190	3,369	-	-	14,559	-	-	14,559		VMASC
786852	*	DIAMOND VISIONICS	CROLL, M.	9010.3	4,833	303	-	-	5,136	2,157	-	7,293		VMASC
225071	*	ARMY MED RES COMMAND	CROLL, M.	9010.3	546	359	-	2,252	3,157	1,293	-	4,450		VMASC
304941	*	US PUBLIC HEALTH SERVICE	CROLL, M.	9010.3	13,929	744	2,015	-	16,688	7,336	-	24,024		VMASC
751082	*	NATL INST AEROSPACE ASSOC	CROLL, M.	9010.3	4,716	21	-	-	4,737	2,510	-	7,247		VMASC
282016	*	NAVSUP FLEET LOGISTICS NORFOLK	DIALLO, S.	9010.3	127,108	10,282	-	-	137,390	57,704	-	195,094		VMASC
515381	*	ODU	DIALLO, S.	9010.3	12,103	-	-	228	12,331	-	-	12,331		VMASC
206401	*	MODELING & SIMULATION CO OFF	DIALLO, S.	9010.3	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	DIALLO, S.	9010.3	3,437	119	-	-	3,556	356	-	3,912		VMASC
705191	*	RAYTHEON AIRCRAFT COMPANY	DIALLO, S.	9010.3	-	-	-	5	5	3	-	8		VMASC
514321	*	ODU	DIAZ, R.	9010.3	23,816	1,988	-	-	25,804	-	-	25,804		VMASC
516851	*	ODU	DIAZ, R.	9010.3	12,035	1,314	-	-	13,349	-	-	13,349		VMASC
502211	*	ODU	DIAZ, R.	9010.3	-	-	-	-	-	-	-	-		VMASC
516831		HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	9010.3	11,982	-	-	-	11,982	6,350	-	18,332		VMASC
516832		HMPT ROADS PLAN DISTRICT COMM	EZELL, B.	9010.3	16,333	-	-	-	16,333	8,656	-	24,989		VMASC
522361		VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	72,657	-	-	-	72,657	38,508	-	111,165		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	9010.3	3,135	17,365	-	14,119	34,619	8,610	-	43,229		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	12,404	247	-	-	12,651	6,325	-	18,976		VMASC
514321	*	ODU	EZELL, B.	9010.3	13,609	1,136	-	-	14,745	-	-	14,745		VMASC
282010	*	NAVSUP FLEET LOGISTICS NORFOLK	EZELL, B.	9010.3	-	-	-	8,215	8,215	-	-	8,215		VMASC
525531	*	VA DEP OF EMERGENCY MANAGEMENT	EZELL, B.	9010.3	682	-	-	-	682	362	-	1,044		VMASC

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512611	*	VA DEP OF EMERGENCY MANAGEMENT	FOYTIK, P.	9010.3	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
515381	*	ODU	FOYTIK, P.	9010.3	12,103	-	-	228	12,331	-	-	12,331		VMASC
305971	*	US DEPT OF TRANSPORTATION	FOYTIK, P.	9010.3	17,616	-	-	-	17,616	8,808	-	26,424		VMASC
502211	*	ODU	FOYTIK, P.	9010.3	-	-	-	-	-	-	-	-		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	GARCIA, H.	9010.3	3,437	119	-	-	3,556	356	-	3,912		VMASC
521705	*	UNIVERSITY OF IDAHO	KHATTAK, A.	4053.3	4,388	-	-	-	4,388	2,326	-	6,714		VMASC
514321	*	ODU	LIU, H.	1018.3	17,013	1,420	-	-	18,433	-	-	18,433		VMASC
724941	*	INTELLIGENT AUTOMATION, INC.	MCKENZIE, F.	4075	2,404	-	-	-	2,404	1,274	-	3,678		VMASC
514421	*	VA DEPT OF TRANSPORTATION	NG, M.	4075	17,175	406	-	-	17,581	1,758	-	19,339		VMASC
702671	*	HR EDUCATIONAL TELECOMM ASSOC	PAPELIS, Y.	9010.3	-	-	-	-	-	-	-	-		VMASC
715621	*	TUNNEL VISION, LLC	PAPELIS, Y.	9010.3	1,355	-	-	-	1,355	677	-	2,032		VMASC
786852	*	DIAMOND VISIONICS	PAPELIS, Y.	9010.3	6,444	404	-	-	6,848	2,876	-	9,724		VMASC
751082	*	NATL INST AEROSPACE ASSOC	PAPELIS, Y.	9010.3	11,004	48	-	-	11,052	5,858	-	16,910		VMASC
225071	*	ARMY MED RES COMMAND	PAPELIS, Y.	9010.3	2,185	1,437	-	9,006	12,628	5,173	-	17,801		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	PAPELIS, Y.	9010.3	3,437	119	-	-	3,556	356	-	3,912		VMASC
721661		DDL OMNI ENGINEERING	PARODI, A.	9010.3	66,140	-	-	-	66,140	35,054	-	101,194		VMASC
225071	*	ARMY MED RES COMMAND	PARODI, A.	9010.3	6,554	4,312	-	27,019	37,885	15,520	-	53,405		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	PARODI, A.	9010.3	3,438	119	-	-	3,557	354	-	3,911		VMASC
702971	*	ADV ANTI-TERROR TECHNOLOGIES	RINGLEB, S.	4057.3	9,642	177	-	1,764	11,583	4,910	-	16,493		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	ROBINSON, M.	9010.3	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
515381	*	ODU	ROBINSON, M.	9010.3	12,469	-	-	234	12,703	-	-	12,703		VMASC
715621	*	TUNNEL VISION, LLC	ROBINSON, M.	9010.3	903	-	-	-	903	452	-	1,355		VMASC
305971	*	US DEPT OF TRANSPORTATION	ROBINSON, M.	9010.3	26,423	-	-	-	26,423	13,212	-	39,635		VMASC
514421	*	VA DEPT OF TRANSPORTATION	ROBINSON, M.	9010.3	17,175	406	-	-	17,581	1,758	-	19,339		VMASC
521705	*	UNIVERSITY OF IDAHO	ROBINSON, M.	9010.3	2,195	-	-	-	2,195	1,163	-	3,358		VMASC
521701	*	UNIVERSITY OF IDAHO	ROBINSON, M.	9010.3	-	1,776	-	-	1,776	941	-	2,717		VMASC
516861	*	VA DEPT OF TRANSPORTATION	ROBINSON, M.	9010.3	7,162	-	-	-	7,162	860	-	8,022		VMASC
525041	*	EASTERN VIRGINIA MED. SCHOOL	SCERBO, M.	6087	3,437	119	-	-	3,556	356	-	3,912		VMASC
206401	*	MODELING & SIMULATION CO OFF	SHERFEY, S.	9010.3	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
525531	*	VA DEP OF EMERGENCY MANAGEMENT	SHERFEY, S.	9010.3	683	-	-	-	683	362	-	1,045		VMASC

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281981		ARMY RESEARCH OFFICE	SOKOLOWSKI, J.	9010.3	55,546	-	-	-	55,546	1,666	-	57,212		VMASC
282014		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	-	-	-	44,844	44,844	-	-	44,844		VMASC
282015		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	94,083	30,724	-	-	124,807	52,419	-	177,226		VMASC
285511		NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	9010.3	30,863	1,929	-	-	32,792	8,526	-	41,318		VMASC
286014		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	81	-	-	-	81	28	-	109		VMASC
286021		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	61,153	7,944	-	-	69,097	24,184	-	93,281		VMASC
286022		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	57,869	-	-	-	57,869	20,254	-	78,123		VMASC
286023		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	75,443	-	-	-	75,443	26,405	-	101,848		VMASC
286025		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	38,822	-	-	-	38,822	13,588	-	52,410		VMASC
291421		US JOINT FORCES COMMAND	SOKOLOWSKI, J.	9010.3	59,615	-	-	-	59,615	1,788	-	61,403		VMASC
296811		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	9010.3	6,530	-	-	-	6,530	196	-	6,726		VMASC
391051		OFFICE OF SECRETARY FO DEFENSE	SOKOLOWSKI, J.	9010.3	159,459	-	-	-	159,459	4,784	-	164,243		VMASC
716451		ALION SCIENCE & TECHNOLOGY COR	SOKOLOWSKI, J.	9010.3	87,462	-	-	-	87,462	43,731	-	131,193		VMASC
720921		ALION SCIENCE & TECHNOLOGY COR	SOKOLOWSKI, J.	9010.3	73,835	-	-	-	73,835	19,197	-	93,032		VMASC
282013	*	NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	-	-	-	-	-	-	-	-		VMASC
512611	*	VA DEP OF EMERGENCY MANAGEMENT	SOKOLOWSKI, J.	9010.3	4,651	93	-	-	4,744	2,372	-	7,116		VMASC
513431	*	ODU	SOKOLOWSKI, J.	9010.3	2,625	-	-	286	2,911	-	-	2,911		VMASC
100700		NO AGENCY ASSIGNED	SOKOLOWSKI, J.	9010.3	39,147	92,839	13,660	4,701	150,347	-	-	150,347		VMASC
220141		U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	9010.3	26,379	2,703	-	-	29,082	2,908	-	31,990		VMASC
222321		OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	9010.3	69,225	-	-	-	69,225	6,923	-	76,148		VMASC
223101		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	9010.3	56,331	-	-	-	56,331	5,633	-	61,964		VMASC
225951		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	-	1,147	-	-	1,147	333	-	1,480		VMASC
282019		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	56,619	26,362	-	-	82,981	34,852	-	117,833		VMASC
285512		NAVAL SURFACE WEAPONS CENTER	SOKOLOWSKI, J.	9010.3	615,281	6,494	-	-	621,775	161,662	-	783,437		VMASC
286027		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	135,230	570	-	-	135,800	47,530	-	183,330		VMASC
286028		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	76,730	1,080	-	-	77,810	27,234	-	105,044		VMASC
286029		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	3,792	-	-	4,388	8,180	2,863	-	11,043		VMASC
286030		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	5,395	-	-	-	5,395	1,888	-	7,283		VMASC
286031		NAVSUP FLEET LOGISTICS NORFOLK	SOKOLOWSKI, J.	9010.3	44,216	-	-	-	44,216	15,475	-	59,691		VMASC
291422		U.S.JOINT FORCES STAFF COLLEGE	SOKOLOWSKI, J.	9010.3	96,743	-	-	-	96,743	9,674	-	106,417		VMASC
296261		OFFICE OF SECRETARY OF DEFENSE	SOKOLOWSKI, J.	9010.3	165,077	-	-	-	165,077	4,952	-	170,029		VMASC
296812		MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	9010.3	169,327	-	-	-	169,327	16,933	-	186,260		VMASC
513451		HAMPTON ROADS PARTNERSHIP	SOKOLOWSKI, J.	9010.3	14,714	-	-	-	14,714	-	-	14,714		VMASC
520461		ODU	SOKOLOWSKI, J.	9010.3	43,672	8,534	688	152,300	205,194	37,500	-	242,694		VMASC
206401	*	MODELING & SIMULATION CO OFF	SOKOLOWSKI, J.	9010.3	32,327	1,542	-	20,650	54,519	11,854	-	66,373		VMASC
282018	*	NAVSUP FLEET LOGISTICS NORFOLK	STACIA, J.	9010.3	10,441	18,667	-	59,522	88,630	17,475	-	106,105		VMASC
282017	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	4060.3	24,265	2,876	-	-	27,141	11,399	-	38,540		VMASC
282017	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	4060.3	24,266	2,877	-	-	27,143	11,400	-	38,543		VMASC
705191	*	RAYTHEON AIRCRAFT COMPANY	TOLK, A.	4060.3	-	-	-	2	2	2	-	4		VMASC
282016	*	NAVSUP FLEET LOGISTICS NORFOLK	TOLK, A.	4060.3	42,369	3,427	-	-	45,796	19,235	-	65,031		VMASC
702671	*	HR EDUCATIONAL TELECOMM ASSOC	WATSON, G.	3042.3	-	-	-	-	-	-	-	-		VMASC
702971	*	ADV ANTI-TERROR TECHNOLOGIES	WATSON, G.	3042.3	6,428	118	-	1,176	7,722	3,273	-	10,995		VMASC
786852	*	DIAMOND VISIONICS	WATSON, G.	3042.3	2,416	151	-	-	2,567	1,079	-	3,646		VMASC
					3,396,445	303,831	16,363	529,447	4,246,086	1,011,860	-	5,257,946	23.83%	
					5,367,447	**817,677**	**381,196**	**757,694**	**7,324,014**	**2,147,797**	**-**	**9,471,811**	**29.33%**	

SCHEDULE 6

Sponsored Program Activity

Proposals Submitted and Awards Funded

Fiscal Year 2012 through Fiscal Year 2008

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 12	FY 11	FY 10	FY 09	FY 08	FY 12	FY 11	FY 10	FY 09	FY 08
COLLEGE OF ARTS & LETTERS										
Art	$ 2,000	$ -	$ -	$ 13,901	$ 384,595	$ -	$ -	$ 4,000	$ -	$ -
Communication & Theatre Arts	658,122	378,393	26,008	-	21,195	36,914	-	-	4,000	-
English	172,993	790,497	1,227,082	5,000	10,000	5,190	28,000	7,000	6,000	6,000
Foreign Languages & Literatures	286,320	289,016	-	-	473,452	-	-	-	-	-
History	282,471	124,216	426,164	-	-	54,119	67,279	114,518	-	-
Interdisciplinary Studies	-		-	-	-	-	-	-	-	-
International Studies	-	70,364	37,123	-	-	-	62,863	-	-	-
Music	-		-	-	2,150	-	-	-	2,150	2,500
Philosophy & Religious Studies	6,000		41,730	39,000	-	6,000	-	-	-	-
Political Science & Geography	273,642	124,445	564,980	650,609	826,484	69,104	137,795	61,104	-	5,100
Social Science Research Center	170,087	1,547,378	4,325,693	516,250	627,185	192,514	199,063	154,510	246,000	313,939
Sociology & Criminal Justice	3,565,580	2,798,191	4,453,347	7,379,578	215,353	28,032	294,530	101,771	718,834	227,007
Dean's Office	23,000	-	211,557	335,000	42,916	33,452	34,728	24,678	-	-
College Total	$ 5,440,213	$ 6,122,500	$ 11,313,684	$ 8,939,338	$ 2,603,330	$ 425,325	$ 824,258	$ 467,581	$ 976,984	$ 554,546
% Change from prior year	-11.14%	-45.88%	26.56%	243.38%	-6.60%	-48.40%	76.28%	-52.14%	76.18%	11.08%
Average yearly increase (decrease)	19.03%					-2.96%				
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION										
Business Administration	$ 25,000	$ 316,190	$ 25,969	$ 233,304	$ -	$ 25,000	$ 20,414	$ 20,400	$ -	$ -
Economics	217,927	62,863	318,498	103,765	112,499	57,000	178,686	110,743	-	140,069
Information Systems/Decision Science	2,082,854	2,235,288	2,413,349	714,100	870,757	-	122,860	39,775	16,000	437,158
Urban Studies/Public Administration	10,311	25,000	-	-	49,700	10,311	-	-	-	-
College Total	$ 2,336,092	$ 2,639,341	$ 2,757,816	$ 1,051,169	$ 1,032,956	$ 92,311	$ 321,960	$ 170,918	$ 16,000	$ 577,227
% Change from prior year	-11.49%	-4.30%	162.36%	1.76%	81.06%	-71.33%	88.37%	968.24%	-97.23%	5397.55%
Average yearly increase (decrease)	61.90%					155.84%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 12	FY 11	FY 10	FY 09	FY 08	FY 12	FY 11	FY 10	FY 09	FY 08
COLLEGE OF EDUCATION										
Communication Disorders and Special Education	$ 5,943,532	$ 6,171,344	$ 5,041,168	$ 7,322,228	$ 5,629,083	$ 3,259,642	$ 3,187,588	$ 3,346,819	$ 3,316,359	$ 3,658,385
Counseling and Human Services	1,425,579	848,506	1,782,072	-	-	339,320	159,390	122,296	-	-
Educational Foundations and Leadership	614,091	2,664,722	5,332,188	2,284,565	1,652,349	404,244	875,387	421,403	517,248	209,908
Foundations and Special Programs	2,499,569	-	-	-	163,992	2,513,493	115,530	-	75,718	-
Human Movement Sciences	1,565,251	374,613	2,593,799	1,588,913	1,693,147	86,846	168,569	243,455	320,100	229,341
STEM Education and Professional Studies	7,649,832	8,508,920	3,335,275	626,608	104,027	5,805,751	480,077	547,131	141,368	104,027
Teaching and Learning	1,939,159	2,325,956	3,550,149	8,026,316	1,852,227	314,973	287,389	1,335,197	497,911	791,347
Dean's Office	19,782,746	2,334,004	23,576,157	424,152	666,121	18,429,015	608,516	437,563	416,616	317,171
College Total	$ 41,419,758	$ 23,228,065	$ 45,210,808	$ 20,272,782	$ 11,760,946	$ 31,153,283	$ 5,882,446	$ 6,453,864	$ 5,285,320	$ 5,310,179
% Change from prior year	78.32%	-48.62%	123.01%	72.37%	11.84%	429.60%	-8.85%	22.11%	-0.47%	-11.50%
Average yearly increase (decrease)	58.78%					83.84%				
COLLEGE OF ENGINEERING & TECHNOLOGY										
Applied Research Center - ARC	$ 17,683	$ -	$ 429,017	$ 2,695,646	$ 1,036,041	$ 17,683	$ -	$ 340,132	$ 673,994	$ 445,034
Center for Advanced Engineering Environments	-	-	1,560,082	259,997	-	-	-	-	-	43,460
Civil & Environmental Engineering	4,881,800	4,260,964	1,453,608	3,489,863	4,748,502	844,041	299,694	445,086	508,882	628,270
Electrical & Computer Engineering	24,536,911	12,973,247	13,920,878	11,856,729	6,764,560	3,424,884	2,639,491	1,049,854	1,493,337	1,720,067
Engineering Career Management Center	10,000	-	-	-	-	10,000	-	-	-	-
Engineering Management & Systems Engineering	1,336,310	1,958,801	4,476,188	10,390,149	44,253,445	723,907	2,101,582	1,723,657	2,600,585	1,072,833
Engineering Technology	1,597,989	4,518,166	5,325,095	4,529,801	5,056,058	887,780	823,206	361,963	1,254,062	637,941
Mechanical & Aerospace Engineering	5,556,802	9,940,935	13,059,685	14,686,416	7,295,898	591,550	1,369,758	1,998,318	1,953,965	1,828,799
Mid-Atlantic Institute for Space & Technology	25,720	406,226	149,400	465,805	199,671	28,220	429,426	9,829	725,500	338,476
Modeling, Simulation & Visualization Engineering	9,729,742	5,264,256				479,129	27,400			
National Centers Systems of Systems Engineering	-	16,546,781				27,075	347,325			
VA Commercial Space Flight Authority	10,125,000	1,379,000	8,534,858	26,397,118	1,257,966	10,739,429	32,849,923	39,352,079	1,401,457	1,311,997
Dean's Office	432,856	155,987	2,659,664	659,304	2,679,494	85,224	274,805	389,571	164,888	359,930
College Total	$ 58,250,812	$ 57,404,363	$ 51,568,475	$ 75,430,828	$ 73,291,635	$ 17,858,923	$ 41,162,610	$ 45,670,489	$ 10,776,670	$ 8,386,807
% Change from prior year	1.47%	11.32%	-31.63%	2.92%	170.28%	-56.61%	-9.87%	323.79%	28.50%	-3.20%
Average yearly increase (decrease)	22.96%					21.23%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 12	FY 11	FY 10	FY 09	FY 08	FY 12	FY 11	FY 10	FY 09	FY 08
COLLEGE OF HEALTH SCIENCES										
Community & Environmental Health	$ 538,529	$ 1,325,485	$ 2,574,781	$ 4,544,682	$ 1,779,490	$ 83,556	$ 613,682	$ 489,447	$ 157,749	$ 323,744
Dental Hygiene	261,896	64,285	478,516	587,817	363,574	5,005	109,226	201,436	55,480	94,817
Medical Laboratory & Radiation Sciences	5,345,670	7,855,557	3,711,986	9,328,479	3,458,499	1,672,699	344,701	1,768,579	1,393,490	90,823
Nursing	4,817,710	650,432	824,843	1,866,576	765,686	555,091	729,305	576,450	388,774	740,014
Physical Therapy	1,034,839	1,227,535	3,529,373	2,148,358	512,022	150,911	124,814	57,300	51,999	120,887
Dean's Office	-	61,665	6,918	225,000	-	-	-	-	-	112,675
College Total	$ 11,998,643	$ 11,184,959	$ 11,126,417	$ 18,700,912	$ 6,879,271	$ 2,467,262	$ 1,921,728	$ 3,093,212	$ 2,047,492	$ 1,482,960
% Change from prior year	7.27%	0.53%	-40.50%	171.84%	-22.63%	28.39%	-37.87%	51.07%	38.07%	68.49%
Average yearly increase (decrease)	6.99%					36.07%				
COLLEGE OF SCIENCES										
Biological Sciences	$ 5,325,038	$ 8,619,724	$ 5,198,087	$ 7,644,920	$ 9,435,061	$ 1,321,654	$ 3,675,113	$ 2,420,560	$ 1,894,772	$ 2,666,605
Center for Coastal Physical Oceanography	3,594,568	2,675,835	3,970,227	3,364,980	6,458,457	2,292,725	1,565,393	2,027,931	995,137	581,552
Center for Coastal Physical Oceanography - SSRP	-	-	187,158	201,789	483,721	-	-	100,540	49,712	59,928
Center for Computational Sciences	-	219,468	39,479	32,500	-	-	7,500	-	-	-
Chemistry and Biochemistry	101,038,641	19,006,149	15,638,301	22,363,771	12,919,970	215,038	1,437,438	4,332,500	2,249,275	2,101,433
Chemistry and Biochemistry - SSRP		364,188	1,669,908	-	-	-	-	215,151		
Computer Science	7,961,175	12,897,276	7,878,715	3,758,987	3,107,175	1,346,785	2,582,535	1,023,263	962,002	1,853,831
Mathematics and Statistics	3,624,977	2,540,800	5,344,584	4,423,786	3,313,008	692,762	440,108	733,943	1,103,165	324,941
Mathematics and Statistics - SSRP	-	-	-	-	-	-	-	-	-	-
Ocean, Earth & Atmospheric Sciences	14,550,385	14,572,249	8,882,682	10,975,538	5,855,885	4,257,127	2,220,720	4,087,125	2,767,949	2,902,774
Ocean, Earth & Atmospheric Sciences - SSRP	-	1,343,302	821,359	1,587,398	1,157,717	-	1,114,439	120,566	317,144	95,460
Physics	16,821,400	22,685,461	10,183,866	10,591,531	5,106,029	3,449,043	3,690,496	4,283,847	2,101,647	1,896,811
Psychology	9,800,833	9,644,329	7,843,658	5,642,140	2,551,847	1,133,371	1,636,293	1,211,482	1,131,846	298,428
Dean's Office	-	121,173	1,535,218	415,539	102,902	6,528	15,472	4,964	12,598	-
College Total	$ 162,717,018	$ 94,689,954	$ 69,193,242	$ 71,002,879	$ 50,491,772	$ 14,715,033	$ 18,385,507	$ 20,561,872	$ 13,585,247	$ 12,781,763
% Change from prior year	71.84%	36.85%	-2.55%	40.62%	-0.65%	-19.96%	-10.58%	51.35%	6.29%	10.80%
Average yearly increase (decrease)	44.04%					5.51%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2012 THROUGH FISCAL YEAR 2008

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 12	**FY 11**	**FY 10**	**FY 09**	**FY 08**	**FY 12**	**FY 11**	**FY 10**	**FY 09**	**FY 08**
OFFICE OF RESEARCH AND OTHER UNITS										
Office of Research	$ -	$ -	$ -	$ 880,224	$ 284,540	$ -	$ -	$ -	$ 33,000	$ 36,100
VMASC: Virginia Modeling, Analysis & Simulation Center	9,490,476	16,198,850	13,101,894	70,759,038	34,376,898	7,332,597	8,176,644	8,129,936	8,428,550	7,775,939
Frank Reidy Research Center for Bioelectrics	6,683,144	6,965,367	6,948,774	24,044,692	4,796,639	1,316,061	1,616,322	760,527	1,694,885	1,165,628
ODU Business Gateway	1,060,000	1,459,544	420,647	345,169	502,165	310,000	339,718	300,000	249,130	534,534
Office of Distance Learning		-	-	1,942,490	2,250,183	-	100,000	45,000	-	1,256,391
VA Tidewater Consortium for Higher Education	9,718,349	1,419,745	1,223,007	-	8,640,220	927,958	1,090,774	599,170	480,170	480,170
VA Space Grant Consortium	1,312,378	5,172,691	6,004,974	16,093,936	26,923,701	3,573,754	3,009,878	4,748,090	5,467,810	2,701,695
Micellaneous Units	1,003,451	79,300	347,865	988,799	469,000	649,059	664,599	353,077	993,631	-
Total Non-University Activity	$ 29,267,799	$ 31,295,497	$ 28,047,161	$ 115,054,348	$ 78,243,346	$ 14,109,429	$ 14,997,935	$ 14,935,800	$ 17,347,176	$ 13,950,457
% Change from prior year	-6.48%	11.58%	-75.62%	47.05%	127.71%	-5.92%	0.42%	-13.90%	24.35%	-10.15%
Average yearly increase (decrease)	-2.96%					-1.83%				
GRAND TOTAL	$ 311,430,334	$ 226,564,679	$ 219,217,603	$ 310,452,256	$ 224,303,256	$ 80,821,565	$ 83,496,444	$ 91,353,736	$ 50,034,889	$ 43,043,939
% CHANGE FROM PRIOR YEAR	37.46%	3.35%	-29.39%	38.41%	66.07%	-3.20%	-8.60%	82.58%	16.24%	-0.17%
Average yearly increase (decrease)	26.12%					17.49%				