



## Old Dominion University Research Foundation

To: Distribution

From: Julian F. Facenda  
Director of Finance *Julian*

Date: January 19, 2010

Subject: Annual Report of Sponsored Program Activity - June 30, 2009

Attached please find the Annual Report of Sponsored Program Activity for the fiscal year ended June 30, 2009. This report measures sponsored program activity administered through Old Dominion University Research Foundation by the amount of expenditures (direct costs and indirect cost recoveries) incurred during the fiscal year. This report includes sponsored program activity administered by the Research Foundation for Old Dominion University and for certain independent entities affiliated with the University. The report also includes, as other research related activity, revenues and expenditures of the Langley Full Scale Tunnel.

Included in the report is a schedule of proposals submitted and awards funded for the fiscal year ended June 30, 2009 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:

- Sponsored program activity increased by 12.25% to a level of \$48.3 million
- The average yearly increase for the past five fiscal periods is 5.95%
- The top five funding sources for the fiscal year were:

U.S. Department of the Navy	\$6.0 million
Virginia General Assembly	\$5.7 million
National Science Foundation	\$5.3 million
National Space and Aeronautics Administration	\$3.8 million
Virginia Department of Education	\$3.6 million

These five agencies represent 50.6% 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	\$6.8 million
Virginia Modeling, Analysis and Simulation Center - core	\$6.3 million
Early Childhood, Speech Language Pathology and Special Education	\$3.1 million
Virginia Space Grant Consortium	\$3.0 million
Ocean, Earth and Atmospheric Sciences	\$2.9 million
Chemistry & Biochemistry	\$2.8 million
Engineering Management	\$2.6 million
Electrical & Computer Engineering	\$2.3 million
Biological Sciences	\$2.1 million
Physics	\$1.9 million
Frank Reidy Research Center for Bioelectrics - core	\$1.3 million
Computer Science	\$1.1 million

- Proposal submissions during fiscal year 2009 increased 38.41% over fiscal year 2008 to \$310.5 million dollars. Awards funded during fiscal year 2009 increased 16.24% from fiscal year 2008 levels. Awards funded have experienced an average yearly increase of 4.22% for the five year period since fiscal year 2004.

The following charts graphically depict 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 2009 for each college and reporting unit.

#### **Chart B – Research Expenditures by Funding Source**

This chart indicates the growth in sponsored research from \$37.3 million for fiscal year 2004 to \$42.4 million dollars for fiscal year 2009. This information represents expenditures incurred by funding source (Federal, State & Local, and Private Sponsors).

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

\* \* \*

Old Dominion University  
Sponsored Research Administered Through  
Old Dominion University Research Foundation

FY 09 Expenditures

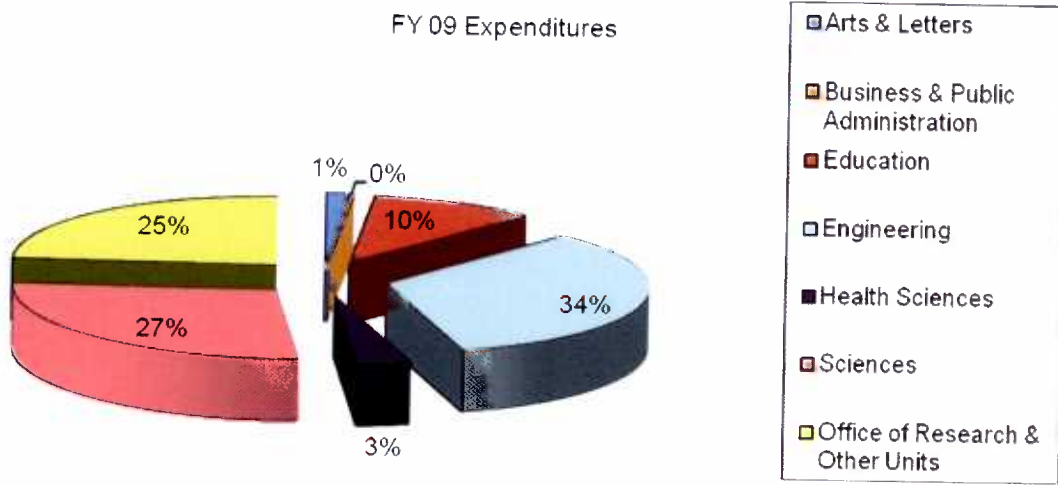


Chart A – Research Expenditures for University and Non-University Units

Old Dominion University  
Sponsored Research Administered Through  
Old Dominion University Research Foundation Research

Growth Measured by Expenditures Incurred

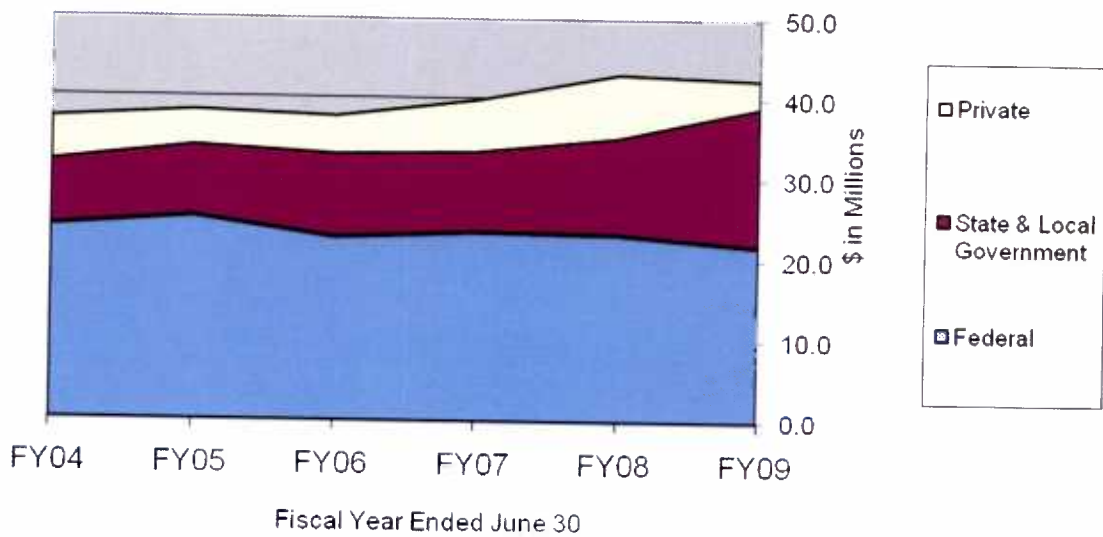
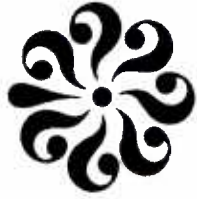


Chart B – Expenditures by Funding Source

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**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION  
ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY**

**FISCAL YEAR ENDED JUNE 30, 2009**

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**SCHEDULE 1**

**Summary of Sponsored Program Activity**

**Fiscal Year 2009 through Fiscal Year 2004**

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION  
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2009 THROUGH FISCAL YEAR 2004

	FY 09	FY 08	FY 07	FY 05	FY 05	FY 04
<b>COLLEGE OF ARTS &amp; LETTERS</b>						
Communication & Theatre Arts	\$ 4,000	\$ -	\$ -	\$ 2,000	\$ 2,000	\$ 2,800
English	5,774	6,000	5,000	7,200	8,525	3,526
Foreign Languages/Literatures	2,775	16,685	1,517	-	-	-
History	15,177	18,158	17,449	204	-	-
Interdisciplinary Studies	-	-	177	6,463	5,377	-
International Studies	-	-	-	-	41,907	-
Music	2,150	2,500	-	1,000	2,000	-
Political Science & Geography	21,464	138,862	62,380	126,763	77,628	74,398
Political Science & Geography - VMASC	-	-	199,280	12,645	-	-
Social Science Research Center	225,158	200,344	205,211	260,394	330,886	342,962
Sociology & Criminal Justice	313,245	279,840	192,443	270,497	358,551	269,502
Sociology & Criminal Justice - SSRC	-	-	3,161	15,927	-	-
Women's Studies	-	-	-	-	1,904	-
Dean's Office	-	-	-	3,000	-	-
College Total	\$ 589,743	\$ 662,389	\$ 686,618	\$ 706,093	\$ 828,778	\$ 693,188
% Change from prior year	-10.97%	-3.53%	-2.76%	-14.80%	19.56%	-2.10%
Average yearly increase (decrease)	-2.98%					

	FY 09	FY 08	FY 07	FY 05	FY 05	FY 04
<b>COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION</b>						
Bank of America Entrepreneurial Center	\$ -	\$ -	\$ -	\$ -	\$ 97,133	\$ 193,910
Business Administration	4,878	370	-	-	1,041	1,359
Economics	59,013	87,268	40,542	41,370	82,792	40,930
Information Systems & Decision Sciences	73,872	62,028	1,670	7,543	15,214	17,251
Urban Studies/Public Administration	-	-	-	18,668	19,509	80,610
College Total	\$ 137,763	\$ 149,666	\$ 42,212	\$ 67,581	\$ 215,689	\$ 334,060
% Change from prior year	-7.95%	254.56%	-37.54%	-68.67%	-35.43%	-49.42%
Average yearly increase (decrease)	-11.75%					



**SCHEDULE 1**  
**OLD DOMINION UNIVERSITY RESEARCH FOUNDATION**  
**SUMMARY OF SPONSORED PROGRAM ACTIVITY**

(MEASURED BY EXPENDITURES INCURRED)

**FISCAL YEAR 2009 THROUGH FISCAL YEAR 2004**

	FY 09	FY 08	FY 07	FY 06	FY 05	FY 04
<b>COLLEGE OF EDUCATION</b>						
Early Childhood, Speech Lang. Path. & Spec. Ed.	\$ 3,073,083	\$ 3,574,986	\$ 3,167,043	\$ 3,034,565	\$ 2,369,783	\$ 2,101,127
Educational Curriculum & Instruction	655,457	581,855	689,783	417,960	137,529	181,483
Educational Curriculum & Instruction - VMASC	5,250	-	-	-	-	-
Educational Leadership & Counseling	216,866	218,869	303,896	260,315	147,540	3,229
Exercise Science, Phys. Ed. & Recreation	317,386	225,484	121,528	220,066	158,605	174,842
Occupational & Technical Studies	128,662	93,280	312,571	371,276	179,055	139,291
Dean's Office	531,947	550,173	638,222	445,704	408,623	369,771
College Total	\$ 4,928,651	\$ 5,244,447	\$ 5,233,043	\$ 4,749,886	\$ 3,401,135	\$ 2,969,743
% Change from prior year	-8.02%	0.22%	10.17%	39.66%	14.53%	16.67%
Average yearly increase ( decrease)	13.19%					
<b>COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b>						
Aerospace Engineering	\$ 1,156,185	\$ 883,752	\$ 524,544	\$ 740,888	\$ 521,661	\$ 334,695
Aerospace Engineering - SSRP	-	-	-	14,980	56,433	221,437
Center for Advanced Engineering Environments	224	94,764	317,081	889,931	927,587	1,627,211
Civil & Environmental Engineering	412,546	389,098	447,761	358,144	182,373	626,272
Electrical & Computer Engineering	1,317,005	1,610,851	1,174,396	807,834	1,289,644	1,612,313
Electrical & Computer Engineering - VMASC	100,976	252,106	500,252	3,777,390	1,828,217	279,113
Electrical & Computer Engineering - Bioelectronics	283,461	917,867	1,027,431	1,951,642	1,959,894	1,731,929
Electrical & Computer Engineering - ARC	595,540	495,046	470,450	693,536	647,764	763,703
Engineering Management	1,218,850	761,417	67,469	359,395	589,313	508,009
Engineering Management - VMASC	1,384,087	2,828,411	522,799	-	-	-
Engineering Technology	389,161	395,462	147,370	138,105	166,966	289,129
Engineering Technology - ARC	86,248	88,782	-	-	-	-
Mechanical Engineering	602,723	545,141	542,864	719,722	935,757	1,178,826
Mechanical Engineering - VMASC	176,139	-	-	-	-	-
Mechanical Engineering - ARC	168,863	167,260	-	-	-	-
Virginia Applied Technology & Professional Development Center	412,080	403,912	321,299	71,265	143,548	349,448
Virginia Commercial Space Flight Authority	6,762,552	1,109,704	1,753,662	1,258,361	1,034,526	1,969,143
Virginia Space Flight Academy	121,471	110,356	108,571	69,865	61,797	89,866
Mid-Atlantic Institute for Space & Technology	797,849	1,354,151	2,192,574	747,745	20,231	-
Dean's Office	207,210	270,261	442,766	134,277	152,480	13,299
Dean's Office - ARC	39,608	38,347	-	-	-	-
College Total	\$ 16,212,778	\$ 12,716,688	\$ 10,559,289	\$ 12,733,180	\$ 10,518,191	\$ 11,594,393
% Change from prior year	27.49%	20.43%	-17.07%	21.06%	-9.28%	23.62%
Average yearly increase ( decrease)	7.97%					

**SCHEDULE 1  
 OLD DOMINION UNIVERSITY RESEARCH FOUNDATION  
 SUMMARY OF SPONSORED PROGRAM ACTIVITY**

(MEASURED BY EXPENDITURES INCURRED)

**FISCAL YEAR 2009 THROUGH FISCAL YEAR 2004**

	FY 09	FY 08	FY 07	FY 06	FY 05	FY 04
<b>COLLEGE OF HEALTH SCIENCES</b>						
Community & Environmental Health	\$ 220,894	\$ 96,314	\$ 49,664	\$ 101,652	\$ 43,000	\$ -
Community & Environmental Health - SSRC	-	-	1,557	7,844	-	-
Community & Environmental Health - VMASC	63,266	41,575	-	-	-	-
Dental Hygiene	91,004	51,665	18,733	14,986	19,778	29,971
Med Lab Radiation SCI	19,468	70,376	37,616	-	-	-
Med Lab Radiation SCI - VMASC	40,325	8,003	24,910	-	-	-
Med Lab Radiation SCI - Bioelectrics	472,285	-	958	-	-	-
Nursing	539,373	362,137	468,643	406,811	422,648	268,250
Physical Therapy	103,022	60,825	54,138	-	-	-
Dean's Office	60,138	121,411	95,269	138,608	94,261	31,713
<b>College Total</b>	<b>\$ 1,609,775</b>	<b>\$ 812,306</b>	<b>\$ 751,488</b>	<b>\$ 669,901</b>	<b>\$ 579,687</b>	<b>\$ 329,934</b>
% Change from prior year	98.17%	8.09%	12.18%	15.56%	75.70%	576.12%
Average yearly increase ( decrease)	77.58%					
<b>COLLEGE OF SCIENCES</b>						
Biological Sciences	\$ 2,083,372	\$ 2,193,431	\$ 2,267,911	\$ 1,930,527	\$ 1,619,904	\$ 1,769,369
Biological Sciences - Bioelectrics	4,748	-	-	-	-	-
Center for Biotechnology	-	-	-	-	-	12,003
Center for Coastal Physical Oceanography	868,182	922,097	1,094,736	1,147,248	1,225,906	1,088,294
Center for Coastal Physical Oceanography - SSRP	45,794	112,941	73,265	134,807	170,742	383,753
Center for Computational Science	108,684	222,807	246,327	53,658	40,500	95,512
Chemistry and Biochemistry	1,499,396	1,742,679	1,734,386	1,368,016	1,104,180	1,262,936
Chemistry and Biochemistry - VCERC	1,259,570	855,308	-	-	-	-
Computer Science	1,063,960	1,205,207	1,005,430	1,194,615	1,249,471	1,218,125
Mathematics and Statistics	632,000	551,191	485,554	364,404	378,696	269,896
Mathematics and Statistics - SSRP	-	-	21,336	143,403	180,357	315,425
Ocean, Earth & Atmospheric Sciences	2,702,660	2,804,667	1,961,042	1,701,548	1,619,221	1,466,929
Ocean, Earth & Atmospheric Sciences - SSRP	162,633	158,457	103,037	310,142	233,139	216,500
Ocean, Earth & Atmospheric Sciences - Bioelectrics	14,067	6,539	-	-	-	-
Physics	1,919,102	1,727,286	1,368,251	1,575,621	1,124,386	810,355
Physics - ARC	19,240	-	-	-	-	-
Psychology	622,539	685,130	697,430	766,281	812,167	881,089
Psychology - VMASC	9,074	15,176	36,003	289,878	-	-
Dean's Office	14,609	-	181	6,659	148,229	-
<b>College Total</b>	<b>\$ 13,029,620</b>	<b>\$ 13,202,916</b>	<b>\$ 11,094,889</b>	<b>\$ 10,986,807</b>	<b>\$ 9,906,898</b>	<b>\$ 9,790,186</b>
% Change from prior year	-1.31%	19.00%	0.98%	10.90%	1.19%	-3.89%
Average yearly increase ( decrease)	6.62%					