



# **Monthly Research Award Summary**

## **for**

### **November 2015**

*For comments or questions, please contact the Office of Research at  
research@uw.edu*

## Overall Fiscal Year to Date Research Award Totals,<sup>1</sup> for Jul-Nov period of Last 5 Fiscal Years

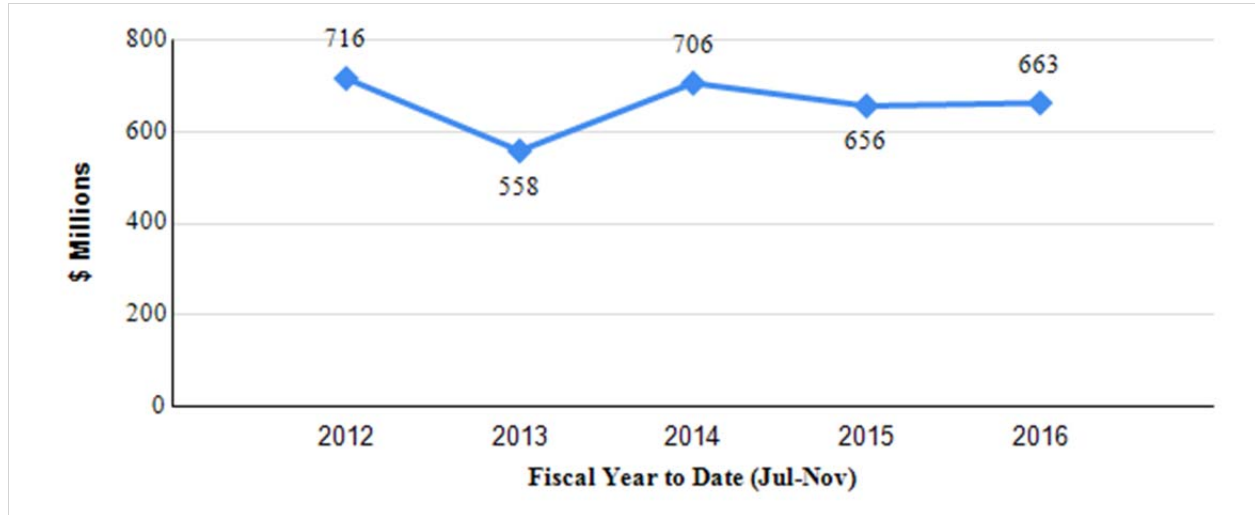


Figure 1

	FY2012		FY2013		FY2014		FY2015		FY2016		% of Total	5-yr CAGR <sup>2</sup>	FY16-FY15 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
<b>Fiscal Quarter 1</b>	<b>1,632</b>	<b>\$523.0</b>	<b>1,297</b>	<b>\$369.1</b>	<b>1,804</b>	<b>\$548.5</b>	<b>1,635</b>	<b>\$493.7</b>	<b>1,594</b>	<b>\$488.5</b>	<b>74%</b>	<b>-2%</b>	<b>-1%</b>
July	394	118.2	379	91.3	666	214.7	598	168.8	549	150.0	23%	6%	-11%
August	640	185.8	518	135.1	587	153.0	523	177.3	544	178.8	27%	-1%	1%
September	598	219.0	400	142.7	551	180.8	514	147.6	501	159.7	24%	-8%	8%
<b>Fiscal Quarter 2</b>	<b>1,009</b>	<b>\$255.0</b>	<b>1,119</b>	<b>\$254.6</b>	<b>1,082</b>	<b>\$257.6</b>	<b>1,040</b>	<b>\$252.3</b>	<b>667</b>	<b>\$174.4</b>	<b>26%</b>	<b>-9%</b>	<b>-31%</b>
October	385	103.6	419	99.9	438	95.6	363	81.0	370	117.2	18%	3%	45%
November	323	89.7	350	89.3	275	61.9	335	81.4	297	57.1	9%	-11%	-30%
December	301	61.7	350	65.4	369	100.1	342	89.9					
<b>Fiscal Quarter 3</b>	<b>1,060</b>	<b>\$230.1</b>	<b>1,028</b>	<b>\$248.7</b>	<b>1,074</b>	<b>\$235.6</b>	<b>1,043</b>	<b>\$210.3</b>					
January	309	59.2	364	87.3	335	89.1	280	46.7					
February	335	67.6	313	64.8	348	71.4	319	69.2					
March	416	103.4	351	96.6	391	75.1	444	94.5					
<b>Fiscal Quarter 4</b>	<b>1,312</b>	<b>\$419.6</b>	<b>1,304</b>	<b>\$283.1</b>	<b>1,355</b>	<b>\$362.0</b>	<b>1,263</b>	<b>\$358.3</b>					
April	371	106.2	362	72.2	427	95.9	396	106.7					
May	347	105.2	395	57.3	405	102.7	396	122.9					
June	594	208.1	547	153.5	523	163.4	471	128.7					
<b>FYTD Total</b>	<b>2,340</b>	<b>\$716.3</b>	<b>2,066</b>	<b>\$558.3</b>	<b>2,517</b>	<b>\$706.0</b>	<b>2,333</b>	<b>\$656.2</b>	<b>2,261</b>	<b>\$662.9</b>	<b>100%</b>	<b>-2%</b>	<b>1%</b>
<b>Grand Total</b>	<b>5,013</b>	<b>\$1,427.7</b>	<b>4,748</b>	<b>\$1,155.4</b>	<b>5,315</b>	<b>\$1,403.7</b>	<b>4,981</b>	<b>\$1,314.6</b>	<b>2,261</b>	<b>\$662.9</b>	<b>100%</b>	<b>-17%</b>	<b>-50%</b>

Table 1

<sup>1</sup> All dollar totals are shown in constant fiscal year 2016 dollars, as determined by the average Consumer Price Index (CPI) value over the given fiscal year.

<sup>2</sup> The Compound Annual Growth Rate (CAGR) is the geometric average year-over-year dollar growth rate for the entire period.

## Monthly Distributive and Cumulative Breakdown of Research Award Dollars, for Last 5 Fiscal Years

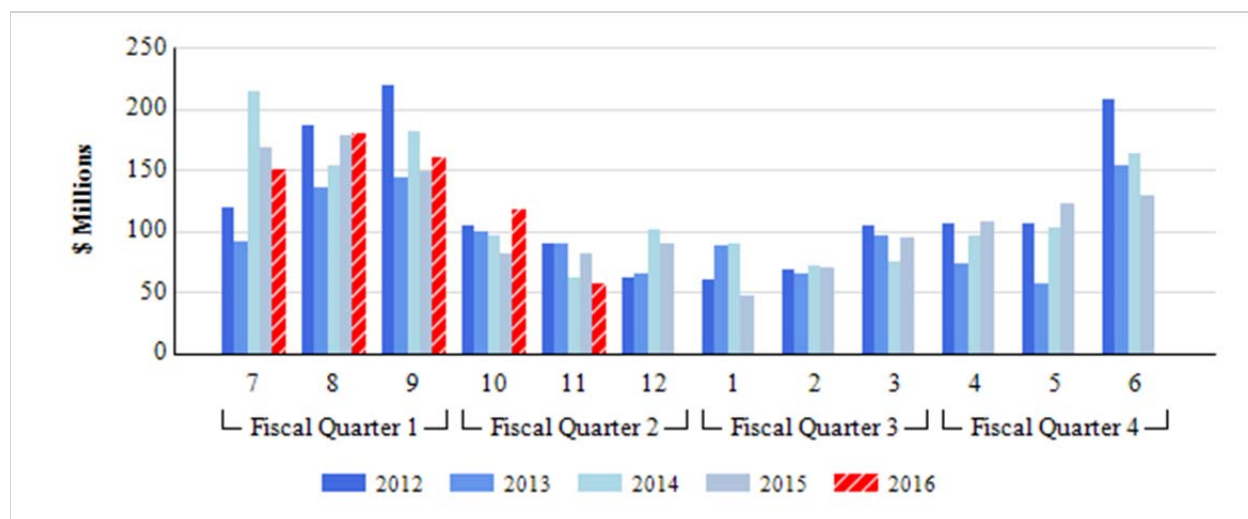


Figure 2: Monthly distribution of research award dollars by fiscal year

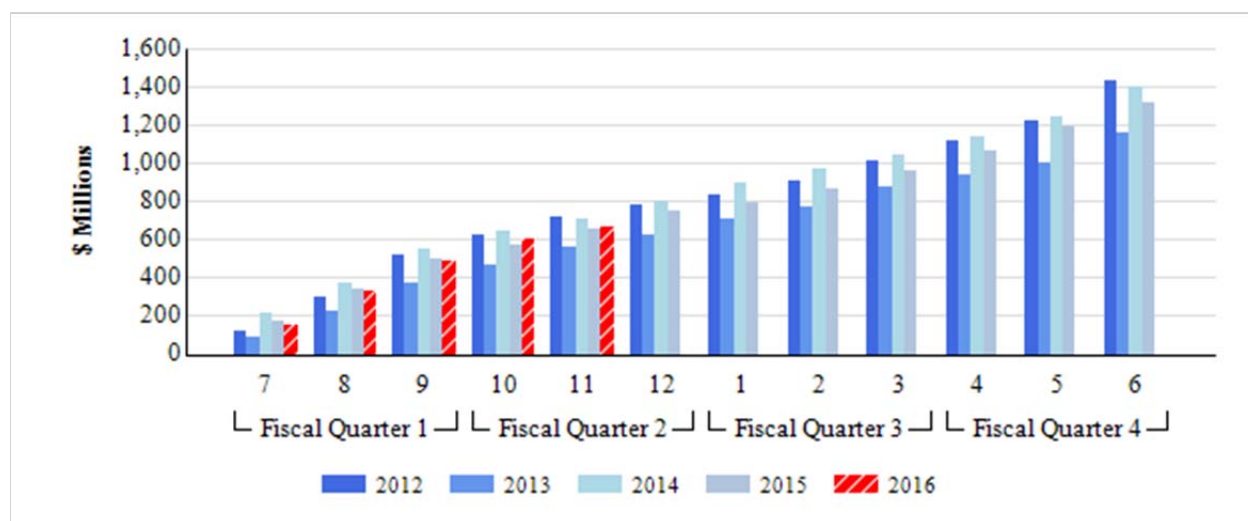


Figure 3: Monthly cumulative totals of research award dollars by fiscal year

## Fiscal Year to Date Research Award Totals by Project Type,<sup>3</sup> for Jul-Nov period of Last 5 Fiscal Years

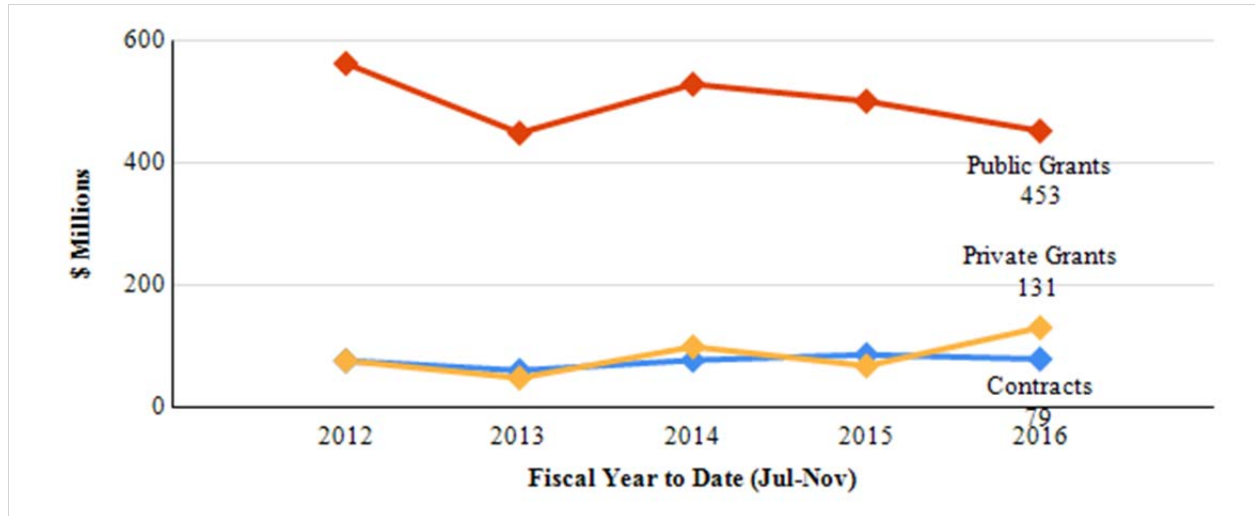


Figure 4

	FYTD 2012		FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		% of Total	5-yr CAGR	FY16-FY15 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
<b>Contracts</b>	357	\$76.6	334	\$60.7	376	\$77.5	357	\$86.5	335	\$79.4	12%	1%	-8%
Research and Other	345	73.6	323	59.2	367	75.6	352	85.9	326	77.0	12%	1%	-10%
Training	12	3.0	11	1.5	9	1.9	5	0.7	9	2.3	0%	-6%	256%
<b>Private Grants</b>	350	\$76.6	343	\$48.3	449	\$99.4	413	\$68.3	421	\$130.8	20%	14%	92%
Research and Other	325	74.5	325	46.6	441	98.9	405	67.4	404	129.7	20%	15%	92%
Training	25	2.1	18	1.7	8	0.6	8	0.9	17	1.2	0%	-14%	32%
<b>Public Grants</b>	1,633	\$563.1	1,389	\$449.3	1,692	\$529.1	1,563	\$501.4	1,505	\$452.7	68%	-5%	-10%
Research and Other	1,515	523.2	1,280	410.5	1,561	481.3	1,438	463.5	1,375	416.4	63%	-6%	-10%
Training	118	39.9	109	38.7	131	47.7	125	37.9	130	36.4	5%	-2%	-4%
<b>Grand Total</b>	2,340	\$716.3	2,066	\$558.3	2,517	\$706.0	2,333	\$656.2	2,261	\$662.9	100%	-2%	1%

Table 2

<sup>3</sup> Project Type indicates the funding mechanism used for the project. A contract is an award instrument used for the acquisition of property or services. A grant is funding assistance to support an eligible entity to carry out a project or activity (usually the sponsor does not have programmatic involvement). A public research award is funded with governmental funds, whether from a federal, state, or local entity.

## Fiscal Year to Date Research Award Totals by Originating Sponsor<sup>4</sup>Federal Status, for Jul-Nov period of Last 5 Fiscal Years

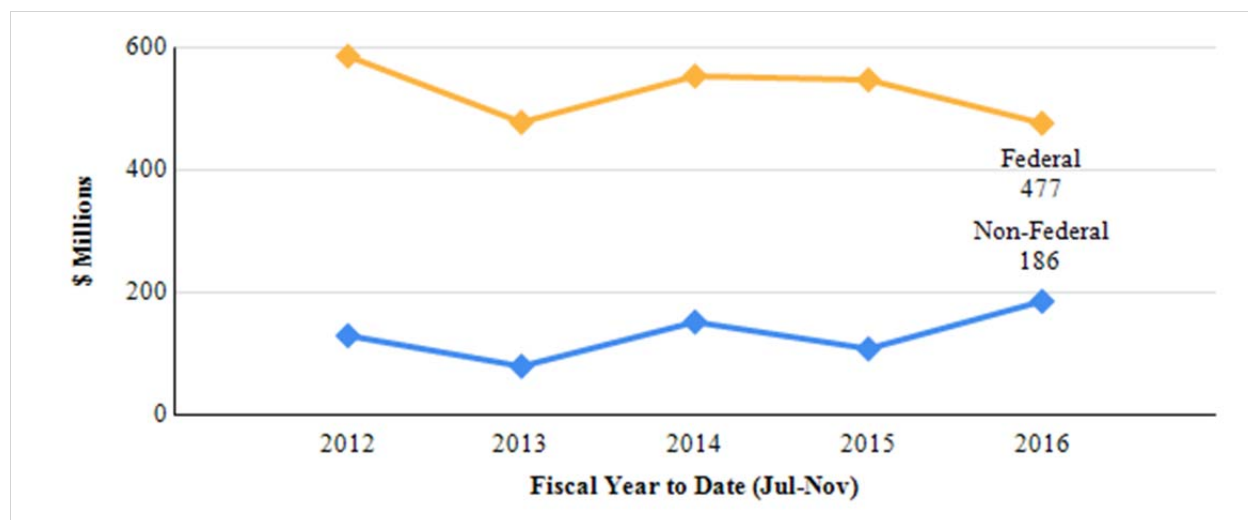


Figure 5

	FYTD 2012		FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		% of Total	5-yr CAGR	FY16-FY15 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
<b>Federal</b>	1,766	\$586.4	1,501	\$478.4	1,803	\$553.8	1,653	\$547.6	1,591	\$476.8	72%	-5%	-13%
Research and Other	1,647	550.3	1,392	440.4	1,674	505.3	1,530	509.4	1,465	440.6	66%	-5%	-14%
Training	119	36.1	109	38.0	129	48.5	123	38.2	126	36.2	5%	0%	-5%
<b>Non-Federal</b>	574	\$129.9	565	\$79.9	714	\$152.2	680	\$108.5	670	\$186.1	28%	9%	71%
Research and Other	538	120.9	536	75.9	695	150.4	665	107.3	640	182.5	28%	11%	70%
Training	36	9.0	29	3.9	19	1.8	15	1.2	30	3.6	1%	-20%	193%
<b>Grand Total</b>	2,340	\$716.3	2,066	\$558.3	2,517	\$706.0	2,333	\$656.2	2,261	\$662.9	100%	-2%	1%

Table 3

<sup>4</sup> The originating sponsor is the original source of funds. A direct sponsor refers to a sponsor who is subcontracting funds to the University of Washington either directly or from an originating sponsor. This report shows awards by originating sponsor. Board of Regents reports prior to June 2014 showed awards by direct sponsor.

## Fiscal Year to Date Research Award Totals by Originating Sponsor,<sup>4</sup> for Jul-Nov 2015

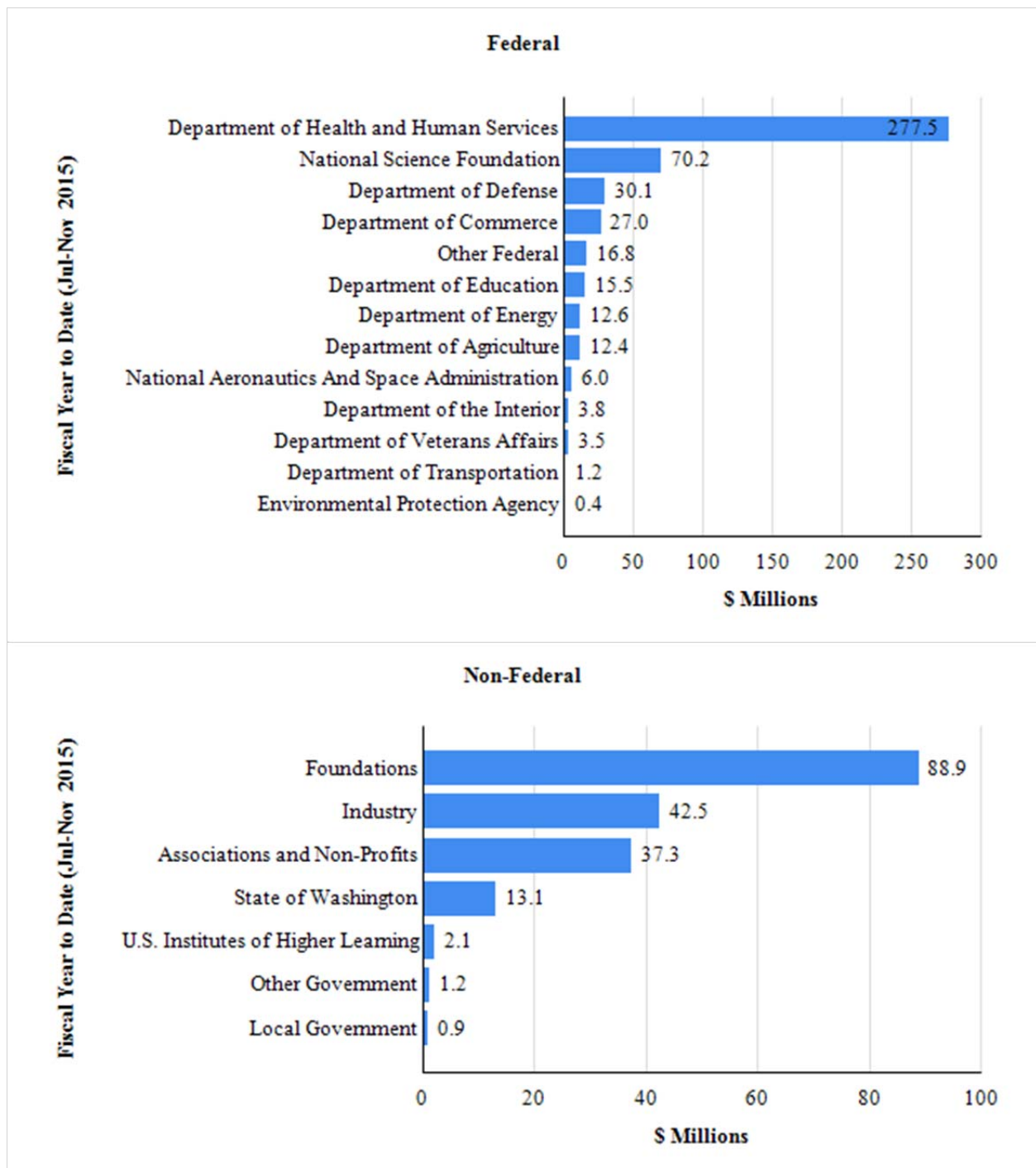


Figure 6

## Fiscal Year to Date Research Award Totals by Originating Sponsor,<sup>4</sup> for Jul-Nov period of Last 5 Fiscal Years

	FYTD 2012		FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		% of Total	5-yr CAGR	FY16-FY15 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
<b>Federal</b>	<b>1,766</b>	<b>\$586.4</b>	<b>1,501</b>	<b>\$478.4</b>	<b>1,803</b>	<b>\$553.8</b>	<b>1,653</b>	<b>\$547.6</b>	<b>1,591</b>	<b>\$476.8</b>	<b>72%</b>	<b>-5%</b>	<b>-13%</b>
Department of Agriculture	37	21.0	28	7.0	33	12.6	36	15.7	29	12.4	2%	-12%	-21%
Department of Commerce	81	22.2	48	16.1	50	17.6	64	19.8	81	27.0	4%	5%	36%
Department of Defense	117	29.4	115	28.5	148	43.5	127	45.9	125	30.1	5%	1%	-34%
Department of Education	46	20.7	45	16.8	51	18.8	45	22.2	39	15.5	2%	-7%	-30%
Department of Energy	58	13.5	44	9.2	66	16.3	58	18.4	45	12.6	2%	-2%	-31%
Department of Health and Human Services	978	356.9	784	285.3	1,030	335.0	956	316.7	852	277.5	42%	-6%	-12%
Department of the Interior	49	3.8	44	3.7	29	2.5	38	2.6	29	3.8	1%	0%	44%
Department of Transportation	11	1.1	13	1.1	10	0.9	9	7.2	10	1.2	0%	1%	-84%
Department of Veterans Affairs	48	3.7	39	3.1	58	4.4	44	2.8	34	3.5	1%	-1%	24%
Environmental Protection Agency	14	6.5	16	4.1	12	1.3	5	0.4	8	0.4	0%	-49%	19%
National Aeronautics And Space Administration	80	6.9	80	7.5	70	8.6	64	7.8	61	6.0	1%	-3%	-23%
National Science Foundation	206	90.2	219	90.7	211	84.0	173	77.0	225	70.2	11%	-6%	-9%
Other Federal	41	10.5	26	5.4	35	8.3	34	11.3	53	16.8	3%	13%	50%
<b>Non-Federal</b>	<b>574</b>	<b>\$129.9</b>	<b>565</b>	<b>\$79.9</b>	<b>714</b>	<b>\$152.2</b>	<b>680</b>	<b>\$108.5</b>	<b>670</b>	<b>\$186.1</b>	<b>28%</b>	<b>9%</b>	<b>71%</b>
Associations and Non-Profits	200	14.2	178	14.7	247	36.8	227	26.5	214	37.3	6%	27%	41%
Foundations	121	56.4	133	34.8	165	62.4	172	42.8	177	88.9	13%	12%	107%
Industry	144	28.2	149	20.3	178	31.0	181	32.0	177	42.5	6%	11%	33%
Local Government	10	0.6	16	0.7	23	1.6	20	1.1	18	0.9	0%	14%	-14%
Other Government	18	1.6	27	3.7	20	2.9	15	1.3	14	1.2	0%	-6%	-6%
State of Washington	57	24.3	44	4.0	59	15.5	39	3.1	52	13.1	2%	-14%	323%
U.S. Institutes of Higher Learning	24	4.8	18	1.6	22	2.1	26	1.7	18	2.1	0%	-19%	23%
<b>Grand Total</b>	<b>2,340</b>	<b>\$716.3</b>	<b>2,066</b>	<b>\$558.3</b>	<b>2,517</b>	<b>\$706.0</b>	<b>2,333</b>	<b>\$656.2</b>	<b>2,261</b>	<b>\$662.9</b>	<b>100%</b>	<b>-2%</b>	<b>1%</b>

Table 4

## Fiscal Year to Date Research Award Totals by School/College,<sup>5</sup> for Jul-Nov 2015

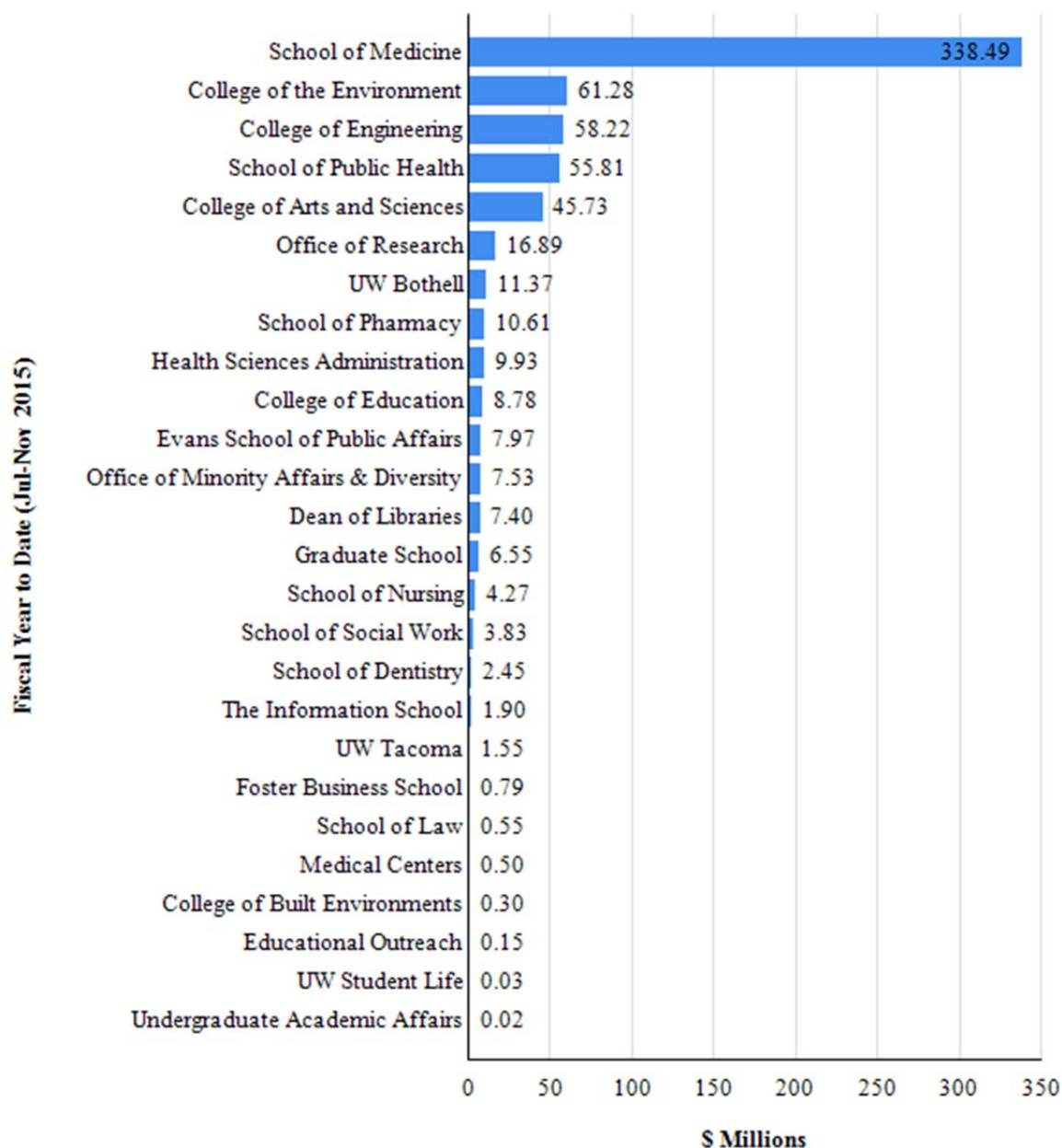


Figure 7

<sup>5</sup> Totals for Bioengineering are shared equally between the College of Engineering and the School of Medicine. Some of the totals for Global Health are shared equally between the School of Medicine and the School of Public Health.



## Fiscal Year to Date Research Award Totals by School/College,<sup>5</sup> for Jul-Nov period of Last 5 Fiscal Years

School/College	FYTD 2012		FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		% of Total	5-yr CAGR	FY16- FY15 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
College of Arts and Sciences	223	\$43.7	195	\$41.1	243	\$44.6	215	\$58.4	220	\$45.7	7%	1%	-22%
College of Built Environments	8	\$0.5	13	\$0.5	7	\$1.0	6	\$0.1	7	\$0.3	0%	-10%	274%
College of Education	14	\$10.8	22	\$17.3	41	\$19.4	31	\$21.1	32	\$8.8	1%	-5%	-58%
College of Engineering	232	\$53.8	217	\$45.5	262	\$55.8	246	\$63.1	258	\$58.2	9%	2%	-8%
College of the Environment	305	\$93.5	286	\$69.2	255	\$74.2	258	\$75.0	262	\$61.3	9%	-10%	-18%
Dean of Libraries	2	\$5.6	2	\$0.1	3	\$6.0	1	\$0.0	4	\$7.4	1%	7%	24412%
Educational Outreach	1	\$0.1	1	\$0.1					1	\$0.1	0%	30%	
Evans School of Public Affairs	7	\$1.3	10	\$4.6	8	\$2.1	14	\$2.2	8	\$8.0	1%	59%	269%
Foster Business School	3	\$0.3	3	\$0.5	6	\$1.1	5	\$0.8	3	\$0.8	0%	29%	-2%
Graduate School	17	\$3.0	20	\$4.7	26	\$4.8	21	\$9.1	21	\$6.5	1%	22%	-28%
Health Sciences Administration	34	\$30.6	26	\$12.2	28	\$25.9	30	\$9.2	31	\$9.9	1%	-24%	8%
Medical Centers					1	\$0.5			1	\$0.5	0%		
Office of Minority Affairs & Diversity	11	\$9.1	12	\$7.0	13	\$7.1	13	\$8.2	13	\$7.5	1%	-5%	-8%
Office of Research	116	\$23.3	104	\$26.7	103	\$21.3	80	\$17.2	76	\$16.9	3%	-8%	-2%
Office of the Provost	2	\$0.0										-100%	
School of Dentistry	18	\$1.8	19	\$2.3	20	\$2.2	22	\$3.0	19	\$2.5	0%	8%	-17%
School of Law	5	\$3.2	2	\$0.2	4	\$0.8	6	\$2.4	5	\$0.5	0%	-36%	-77%
School of Medicine	1,004	\$300.4	883	\$239.8	1,164	\$341.6	1,108	\$312.7	1,014	\$338.5	51%	3%	8%
School of Nursing	41	\$7.4	26	\$3.8	43	\$8.4	29	\$4.6	22	\$4.3	1%	-13%	-7%
School of Pharmacy	28	\$15.0	21	\$9.5	29	\$8.7	26	\$7.6	24	\$10.6	2%	-8%	39%
School of Public Health	202	\$94.1	136	\$50.4	182	\$63.3	151	\$48.2	158	\$55.8	8%	-12%	16%
School of Social Work	31	\$11.5	25	\$11.9	31	\$5.6	27	\$4.6	31	\$3.8	1%	-24%	-16%
The Information School	15	\$3.4	18	\$5.0	12	\$2.7	9	\$2.7	11	\$1.9	0%	-14%	-29%
Undergraduate Academic Affairs	3	\$0.3	2	\$0.0	2	\$0.1	2	\$0.2	1	\$0.0	0%	-50%	-93%
UW Bothell	11	\$2.9	8	\$3.0	16	\$5.1	14	\$2.0	23	\$11.4	2%	40%	460%
UW Finance and Facilities			1	\$0.0	1	\$1.0	1	\$1.5					-100%
UW Information Technology			1	\$0.3	1	\$1.0	1	\$0.4					-100%
UW Student Life	1	\$0.0	1	\$0.0	2	\$0.1	2	\$0.0	1	\$0.0	0%	-12%	18%
UW Tacoma	7	\$0.8	13	\$2.4	14	\$1.6	16	\$1.7	16	\$1.6	0%	20%	-8%
<b>Grand Total</b>	<b>2,340</b>	<b>\$716.3</b>	<b>2,066</b>	<b>\$558.3</b>	<b>2,517</b>	<b>\$706.0</b>	<b>2,333</b>	<b>\$656.2</b>	<b>2,261</b>	<b>\$662.9</b>	<b>100%</b>	<b>-2%</b>	<b>1%</b>

Table 5

**Report of Grant and Contract Research  
Awards of \$1,000,000 or More**

**November 2015**

## Detail of Public Grant<sup>3</sup> Research Awards by Originating Sponsor<sup>4</sup>

### Federal

#### Department of Defense

##### Office of Naval Research (ONR)

To:	William S D Wilcock, Professor Oceanography	\$ 1,930,487
For:	UW Ship Operations, Maintenance, Repair and Upgrades 2016-2020	
Eff:	11/21/2015	Classified: No

**Total for Office of Naval Research (ONR):** **\$ 1,930,487**

**Total for Department of Defense:** **\$ 1,930,487**

#### Department of Health and Human Services

##### National Institutes of Health (NIH)

To:	Catherine Lee Hough, Assoc Professor Medicine	\$ 1,106,399
For:	CCC for NHLBI Prevention and Early Treatment of Acute Lung Injury PETAL Network - ROSE	
Eff:	11/20/2015	Classified: No

To:	Suman Jayadev, Asst Professor Neurology	\$ 2,119,511
For:	MicroRNA regulation of central nervous system and systemic inflammation in AD	
Eff:	11/30/2015	Classified: No

##### *National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)*

To:	E. Greenberg, Professor Microbiology	\$ 1,040,001
For:	Translational Research Center to Expedite Novel Therapies in Cystic Fibrosis	
Eff:	11/23/2015	Classified: No

*Total for National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK):* *\$ 1,040,001*

##### *National Institute of General Medical Sciences (NIGMS)*

To:	Hannele Ruohola-Baker, Professor Biochemistry	\$ 1,773,008
For:	Self Renewal and Differentiation of Human Embryonic Stem Cells	
Eff:	11/30/2015	Classified: No

*Total for National Institute of General Medical Sciences (NIGMS):* *\$ 1,773,008*

**Total for National Institutes of Health (NIH):** **\$ 6,038,919**

**Total for Department of Health and Human Services:** **\$ 6,038,919**

**Total for Federal:** **\$ 7,969,406**

**Total Public Grants:** **\$ 7,969,406**

### Detail of Private Grant<sup>3</sup> Research Awards by Originating Sponsor<sup>4</sup>

#### Foundations

##### Bill and Melinda Gates Foundation

To:	Jared Baeten, Professor Global Health	\$ 1,114,161
For:	ECHO Multi-center, open label, randomized clinical trial of effect of progestin-only contraception versus the copper intrauterine device (IUD) on the risk of HIV acquisition in young women	
Eff:	11/9/2015	Classified: No
To:	Carol E. Levin, Clinical Associate Professor Global Health	\$ 5,262,883
For:	Global Health Costing Consortium	
Eff:	11/11/2015	Classified: No
To:	Richard J. Anderson, Professor Computer Science and Engineering	\$ 1,728,379
For:	UW Digital Financial Services Research Group	
Eff:	11/13/2015	Classified: No
To:	Sean C Murphy, Asst Professor Laboratory Medicine	\$ 1,297,453
For:	Support UW to qualify the 18S rRNA biomarker as a Drug Development Tool' (DDT) through FDA Center for Drug Evaluation and Research (CDER) and associated accessibility/sustainability efforts	
Eff:	11/23/2015	Classified: No

<b>Total for Bill and Melinda Gates Foundation:</b>	<b>\$ 9,402,876</b>
---	---------------------

<b>Total for Foundations:</b>	<b>\$ 9,402,876</b>
-------------------------------	---------------------

<b>Total Private Grants:</b>	<b>\$ 9,402,876</b>
------------------------------	---------------------

**Detail of Contract<sup>3</sup> Research Awards by Originating Sponsor<sup>4</sup>**

**Federal**

---

**Department of Defense**

**Naval Surface Warfare Center**

To: Gary L Harkins, Associate Director \$ 1,239,472  
Applied Physics Laboratory

For: FY-16 AN/BQH-9 System Upgrades (O&MN)

Eff: 11/30/2015

Classified: No

**Total for Naval Surface Warfare Center: \$ 1,239,472**

**Total for Department of Defense: \$ 1,239,472**

**Total for Federal: \$ 1,239,472**

**Industry**

---

**Merck and Company, Inc.**

To: Laura Quan Man Chow, Assoc Professor \$ 1,013,720  
Medicine

For: A Phase 1b Multi-Cohort Study of MK-3475 in Patients with Advanced  
Solid Tumors

Eff: 11/10/2015

Classified: No

**Total for Merck and Company, Inc.: \$ 1,013,720**

**Total for Industry: \$ 1,013,720**

**Total Contracts: \$ 2,253,192**

**Grand Total for all Awards \$ 19,625,474**