



Monthly Research Award Summary

for

August 2016

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

Overall Fiscal Year to Date Research Award Totals,¹ for Jul-Aug period of Last 5 Fiscal Years

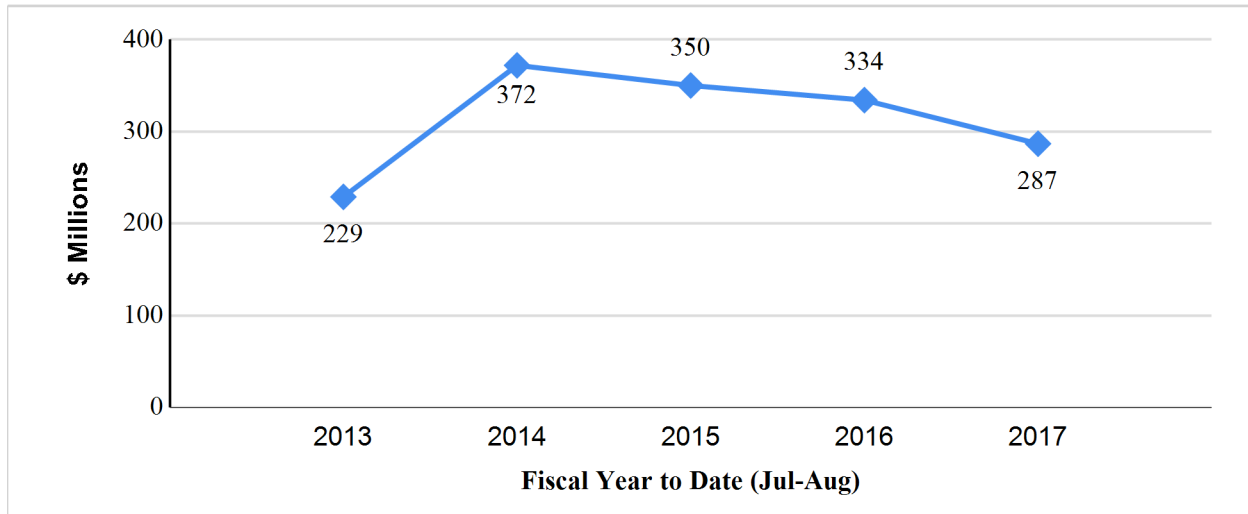


Figure 1

	FY2013		FY2014		FY2015		FY2016		FY2017		% of Total	5-yr CAGR ²	FY17-FY16 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
Fiscal Quarter 1	1,297	\$373.3	1,804	\$554.8	1,635	\$500.5	1,593	\$495.5	1,026	\$286.8	100%	-6%	-42%
July	379	92.3	666	217.2	598	170.7	549	153.5	442	119.8	42%	7%	-22%
August	518	136.6	587	154.8	523	179.3	543	180.6	584	166.9	58%	5%	-8%
September	400	144.3	551	182.8	514	150.5	501	161.4					
Fiscal Quarter 2	1,119	\$257.5	1,082	\$260.6	1,040	\$255.2	1,055	\$259.5					
October	419	101.1	438	96.7	363	81.9	370	118.7					
November	350	90.3	275	62.7	335	82.4	295	57.6					
December	350	66.1	369	101.3	342	90.9	390	83.2					
Fiscal Quarter 3	1,028	\$251.5	1,074	\$238.3	1,043	\$213.2	1,099	\$235.6					
January	364	88.3	335	90.1	280	47.2	359	89.7					
February	313	65.5	348	72.2	319	70.4	298	47.1					
March	351	97.7	391	76.0	444	95.6	442	98.8					
Fiscal Quarter 4	1,304	\$286.3	1,355	\$366.2	1,263	\$362.4	1,304	\$390.9					
April	362	73.0	427	97.0	396	107.9	412	134.9					
May	395	58.0	405	103.8	396	124.3	419	116.3					
June	547	155.3	523	165.3	471	130.2	473	139.7					
FYTD Total	897	\$229.0	1,253	\$372.0	1,121	\$350.1	1,092	\$334.2	1,026	\$286.8	100%	6%	-14%
Grand Total	4,748	\$1,168.6	5,315	\$1,419.9	4,981	\$1,331.3	5,051	\$1,381.6	1,026	\$286.8	100%	-30%	-79%

Table 1

¹ All dollar totals are shown in constant fiscal year 2017 dollars, as determined by the average Consumer Price Index (CPI) value over the given fiscal year.

² 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

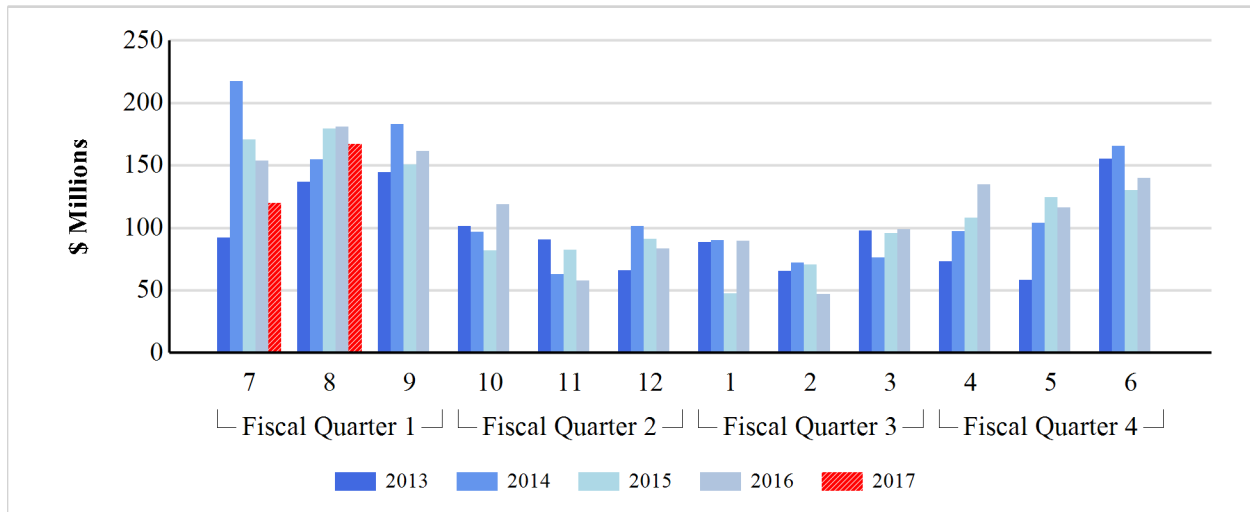


Figure 2: Monthly distribution of research award dollars by fiscal year

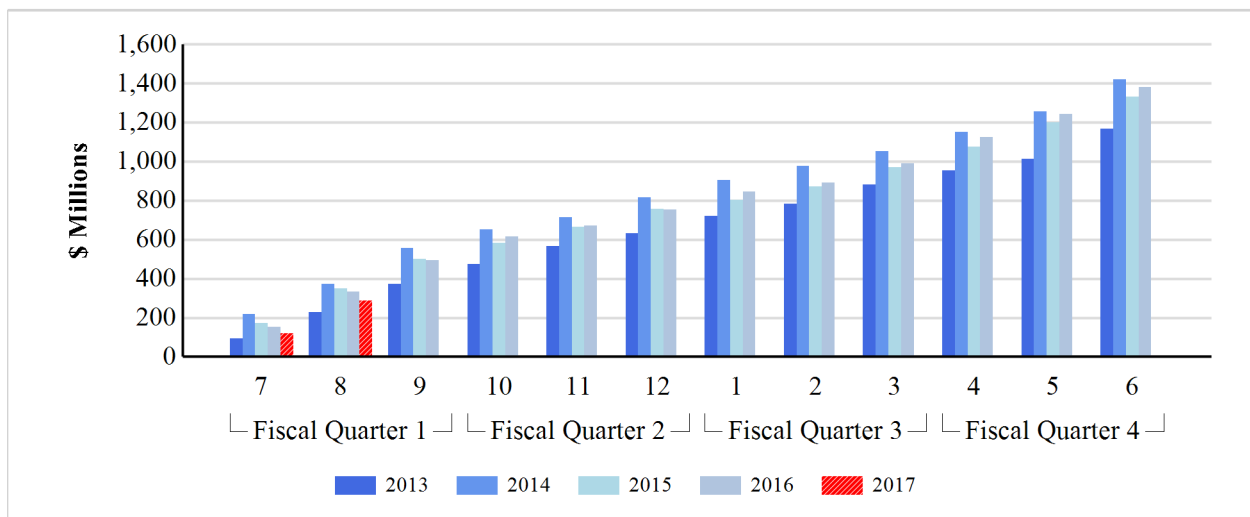


Figure 3: Monthly cumulative totals of research award dollars by fiscal year

Fiscal Year to Date Research Award Totals by Project Type,³ for Jul-Aug period of Last 5 Fiscal Years

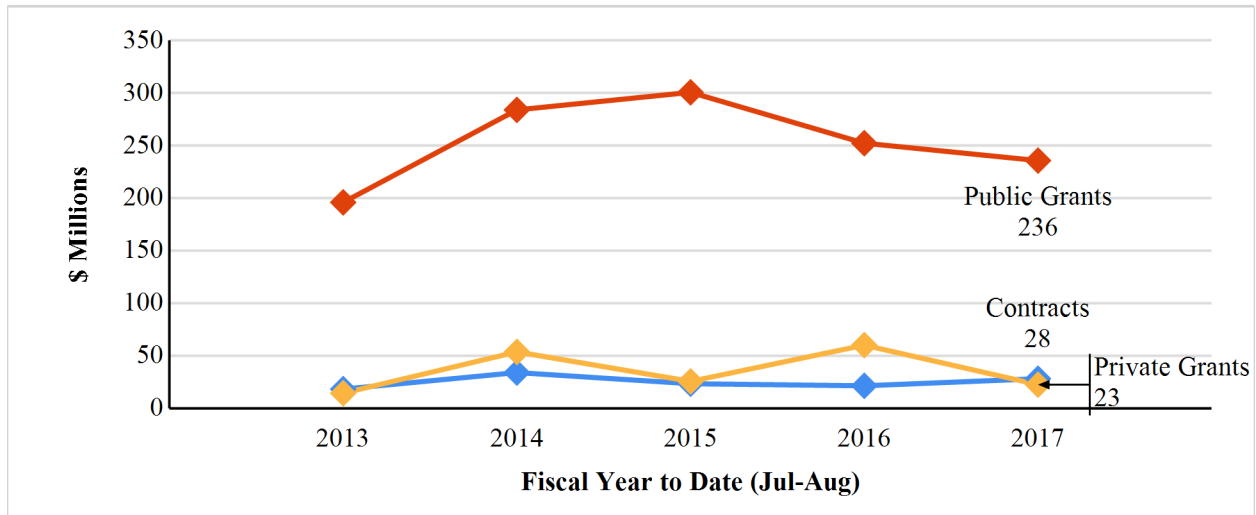


Figure 4

	FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		FYTD 2017		% of Total	5-yr CAGR	FY17-FY16 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
Contracts	121	\$18.4	150	\$34.1	137	\$23.5	115	\$21.5	155	\$28.3	10%	11%	31%
Research and Other	117	17.1	147	33.2	136	23.0	110	20.0	153	27.8	10%	13%	39%
Training	4	1.2	3	0.9	1	0.5	5	1.5	2	0.5	0%	-20%	-66%
Private Grants	137	\$14.5	182	\$53.8	169	\$25.7	192	\$60.2	164	\$22.6	8%	12%	-62%
Research and Other	130	14.3	179	53.7	164	25.3	185	60.0	162	22.3	8%	12%	-63%
Training	7	0.2	3	0.1	5	0.4	7	0.2	2	0.3	0%	14%	32%
Public Grants	639	\$196.1	921	\$284.1	815	\$300.8	785	\$252.4	707	\$235.8	82%	5%	-7%
Research and Other	595	182.7	846	252.5	742	272.6	719	232.3	663	219.6	77%	5%	-5%
Training	44	13.4	75	31.6	73	28.2	66	20.1	44	16.3	6%	5%	-19%
Grand Total	897	\$229.0	1,253	\$372.0	1,121	\$350.1	1,092	\$334.2	1,026	\$286.8	100%	6%	-14%

Table 2

³ 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 Sponsor⁴Federal Status, for Jul-Aug period of Last 5 Fiscal Years

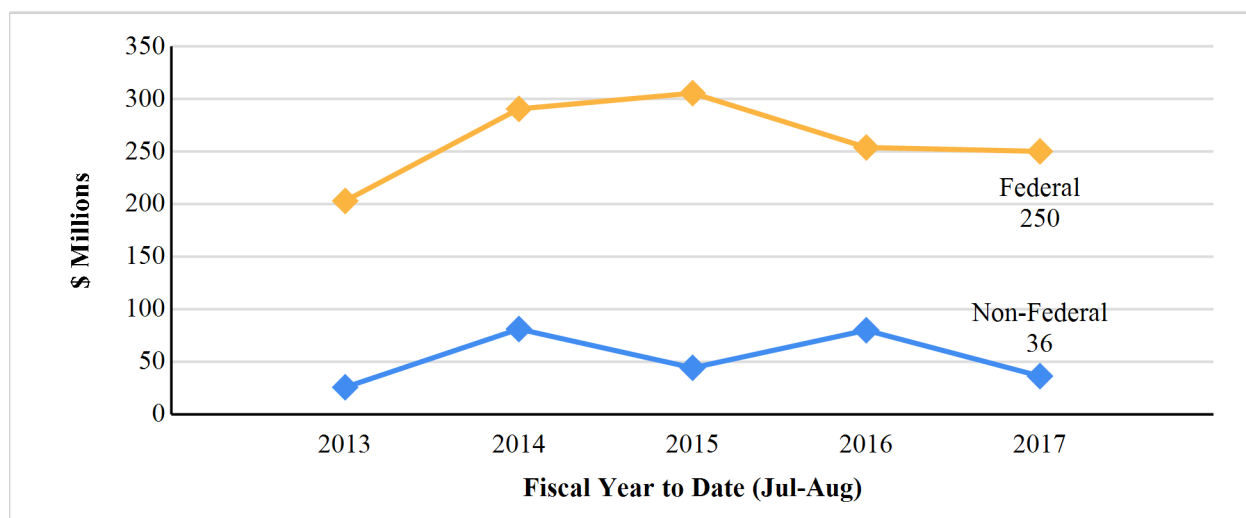


Figure 5

	FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		FYTD 2017		% of Total	5-yr CAGR	FY17-FY16 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
Federal	680	\$203.1	965	\$290.7	834	\$305.7	803	\$254.1	758	\$250.3	87%	5%	-1%
Research and Other	634	189.7	890	259.2	761	277.1	739	234.0	714	234.0	82%	5%	0%
Training	46	13.5	75	31.6	73	28.6	64	20.0	44	16.3	6%	5%	-19%
Non-Federal	217	\$25.8	288	\$81.2	287	\$44.4	289	\$80.1	268	\$36.4	13%	9%	-54%
Research and Other	208	24.5	282	80.1	281	43.9	275	78.3	264	35.6	12%	10%	-55%
Training	9	1.4	6	1.1	6	0.5	14	1.8	4	0.8	0%	-12%	-53%
Grand Total	897	\$229.0	1,253	\$372.0	1,121	\$350.1	1,092	\$334.2	1,026	\$286.8	100%	6%	-14%

Table 3

⁴ 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,⁴ for Jul-Aug 2016

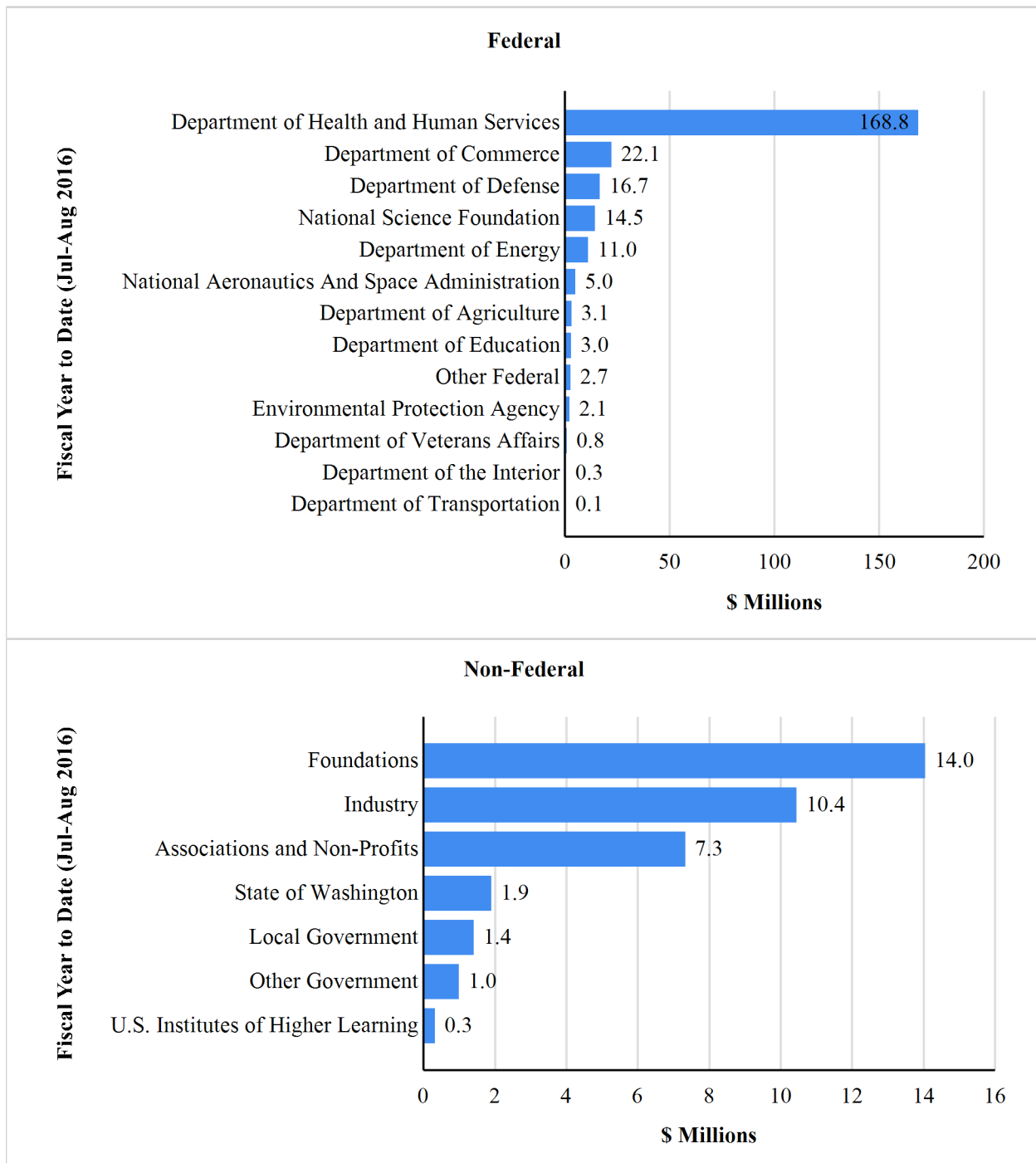


Figure 6

Fiscal Year to Date Research Award Totals by Originating Sponsor,⁴ for Jul-Aug period of Last 5 Fiscal Years

	FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		FYTD 2017		% of Total	5-yr CAGR	FY17-FY16 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
Federal	680	\$203.1	965	\$290.7	834	\$305.7	803	\$254.1	758	\$250.3	87%	5%	-1%
Department of Agriculture	14	4.1	16	1.7	23	11.5	17	2.3	18	3.1	1%	-7%	36%
Department of Commerce	26	14.0	27	9.8	33	16.9	61	22.4	47	22.1	8%	12%	-1%
Department of Defense	33	4.9	71	14.4	40	12.6	50	10.2	57	16.7	6%	36%	64%
Department of Education	19	6.9	23	10.8	17	8.4	12	5.1	12	3.0	1%	-19%	-40%
Department of Energy	19	2.5	36	10.9	22	7.5	21	6.2	24	11.0	4%	45%	77%
Department of Health and Human Services	369	129.1	586	202.8	492	176.4	436	161.9	464	168.8	59%	7%	4%
Department of the Interior	24	2.1	15	1.2	15	1.1	10	1.7	7	0.3	0%	-40%	-84%
Department of Transportation	4	0.4	3	0.5	2	0.1	4	0.3	4	0.1	0%	-28%	-61%
Department of Veterans Affairs	18	1.5	17	1.2	12	0.9	9	0.7	15	0.8	0%	-14%	23%
Environmental Protection Agency	6	2.9	6	0.8			3	0.1	11	2.1	1%	-8%	2232%
National Aeronautics And Space Administration	40	3.5	32	4.8	36	4.7	33	3.9	40	5.0	2%	9%	26%
National Science Foundation	101	29.7	122	31.1	127	61.8	132	34.1	43	14.5	5%	-16%	-58%
Other Federal	7	1.4	11	0.7	15	3.8	15	5.1	16	2.7	1%	17%	-47%
Non-Federal	217	\$25.8	288	\$81.2	287	\$44.4	289	\$80.1	268	\$36.4	13%	9%	-54%
Associations and Non-Profits	68	6.0	103	19.0	96	14.5	100	32.6	87	7.3	3%	5%	-77%
Foundations	57	7.6	63	38.1	67	13.2	74	25.8	66	14.0	5%	16%	-46%
Industry	58	9.1	68	10.1	78	14.2	74	11.7	69	10.4	4%	3%	-11%
Local Government	9	0.4	10	0.6	11	0.6	7	0.6	9	1.4	0%	33%	132%
Other Government	11	1.8	9	0.7	5	0.3	6	0.2	12	1.0	0%	-14%	305%
State of Washington	11	0.6	27	12.0	14	0.9	18	7.9	20	1.9	1%	31%	-76%
U.S. Institutes of Higher Learning	3	0.2	8	0.7	16	0.6	10	1.3	5	0.3	0%	16%	-76%
Grand Total	897	\$229.0	1,253	\$372.0	1,121	\$350.1	1,092	\$334.2	1,026	\$286.8	100%	6%	-14%

Table 4

Fiscal Year to Date Research Award Totals by School/College,⁵ for Jul-Aug 2016

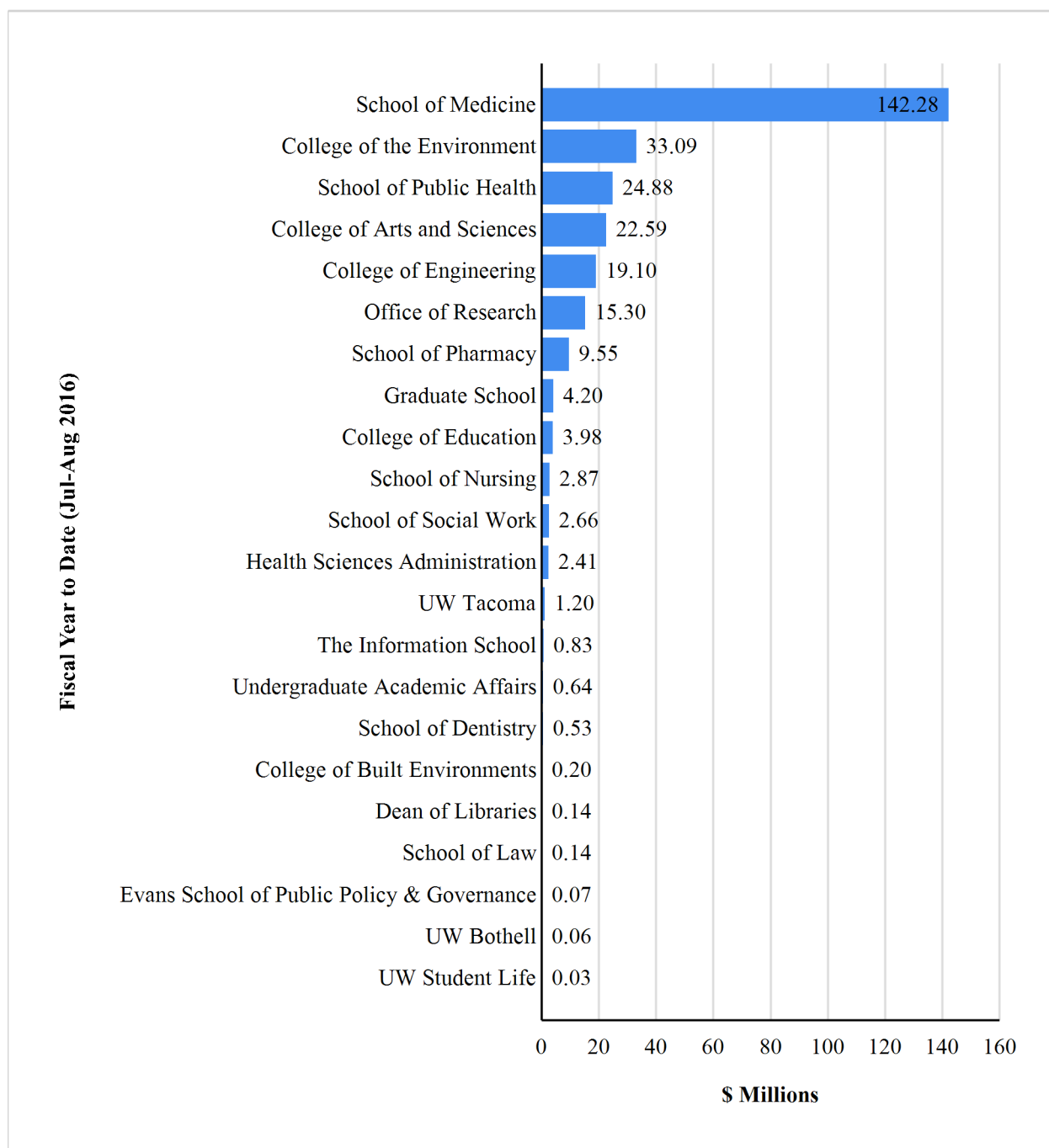


Figure 7

⁵ 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,⁵ for Jul-Aug period of Last 5 Fiscal Years

School/College	FYTD 2013		FYTD 2014		FYTD 2015		FYTD 2016		FYTD 2017		% of Total	5-yr CAGR	FY17- FY16 % Diff
	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M	Cnt	\$M			
College of Arts and Sciences	94	\$17.6	117	\$24.1	131	\$44.4	127	\$27.0	95	\$22.6	8%	6%	-16%
College of Built Environments	3	\$0.0	6	\$0.9	3	\$0.0	3	\$0.0	4	\$0.2	0%	74%	330%
College of Education	11	\$2.3	22	\$4.0	10	\$1.6	14	\$2.7	13	\$4.0	1%	15%	49%
College of Engineering	96	\$19.6	126	\$26.6	116	\$32.5	125	\$29.7	84	\$19.1	7%	-1%	-36%
College of the Environment	136	\$33.7	136	\$23.5	133	\$46.8	141	\$31.4	122	\$33.1	12%	0%	5%
Dean of Libraries			2	\$6.0			2	\$6.1	2	\$0.1	0%		-98%
Educational Outreach							1	\$0.2					-100%
Evans School of Public Policy & Governance	5	\$0.2	1	\$0.2	4	\$0.6	5	\$5.2	1	\$0.1	0%	-19%	-99%
Foster Business School	1	\$0.3	2	\$0.6	1	\$0.1						-100%	
Graduate School	5	\$1.2	15	\$4.5	8	\$8.7	8	\$0.7	6	\$4.2	1%	36%	510%
Health Sciences Administration	17	\$10.7	17	\$19.4	11	\$3.4	16	\$6.6	9	\$2.4	1%	-31%	-64%
Medical Centers							1	\$0.5					-100%
Office of Minority Affairs & Diversity	2	\$0.9	9	\$6.8	10	\$7.9	4	\$1.4				-100%	-100%
Office of Research	37	\$6.8	56	\$13.6	32	\$6.0	41	\$8.0	57	\$15.3	5%	22%	92%
School of Dentistry	9	\$1.3	12	\$1.8	13	\$1.3	8	\$0.5	6	\$0.5	0%	-20%	10%
School of Law	1	\$0.0	1	\$0.1	1	\$0.5	1	\$0.1	3	\$0.1	0%	91%	178%
School of Medicine	386	\$102.6	585	\$198.2	529	\$155.7	455	\$158.7	474	\$142.3	50%	9%	-10%
School of Nursing	13	\$2.4	24	\$6.5	16	\$3.6	14	\$4.1	9	\$2.9	1%	4%	-30%
School of Pharmacy	10	\$4.8	11	\$4.3	16	\$6.3	13	\$7.0	21	\$9.5	3%	19%	37%
School of Public Health	51	\$18.4	86	\$26.0	63	\$25.0	80	\$33.0	81	\$24.9	9%	8%	-25%
School of Social Work	7	\$3.6	14	\$2.5	7	\$2.5	12	\$1.7	16	\$2.7	1%	-7%	52%
The Information School	3	\$0.2	3	\$0.8	5	\$1.8	3	\$0.9	4	\$0.8	0%	43%	-6%
Undergraduate Academic Affairs	2	\$0.0	2	\$0.1	1	\$0.0	1	\$0.0	2	\$0.6	0%	92%	3777%
UW Bothell	4	\$1.3	2	\$0.3	4	\$0.5	8	\$8.1	4	\$0.1	0%	-53%	-99%
UW Finance and Facilities			1	\$1.0									
UW Student Life			1	\$0.0	1	\$0.0	1	\$0.0	1	\$0.0	0%		5%
UW Tacoma	4	\$1.1	3	\$0.4	7	\$0.9	9	\$0.7	12	\$1.2	0%	3%	61%
Grand Total	897	\$229.0	1,253	\$372.0	1,121	\$350.1	1,092	\$334.2	1,026	\$286.8	100%	6%	-14%

Table 5

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

August 2016

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Agency for International Development

U.S Army Medical Research Acquisition Activity

To:	Joan Elizabeth Sanders, Professor Bioengineering	\$ 1,588,038
For:	Preliminary Evaluation of a Diagnostic Tool for Prosthetics	
Eff:	8/19/2016	Classified: No

Total for U.S Army Medical Research Acquisition Activity:	\$ 1,588,038
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Total for Agency for International Development:	\$ 1,588,038
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Department of Commerce

National Oceanic and Atmospheric Administration (NOAA)

To:	Stephen C Riser, Professor Joint Institute for the Study of the Atmosphere and Ocean	\$ 3,628,733
For:	The Argo Project: Global Observations for Understanding and Prediction of Climate Variability	
Eff:	8/3/2016	Classified: No
To:	Thomas P Ackerman, Director Joint Institute for the Study of the Atmosphere and Ocean	\$ 10,077,146
For:	Joint Institute for the Study of the Atmosphere and Ocean	
Eff:	8/3/2016	Classified: No
To:	Nicholas A Bond, Research Scientist/engineer Principal Joint Institute for the Study of the Atmosphere and Ocean	\$ 1,287,635
For:	Cetacean Assessment and Ecology Program: Understanding Cetacean Distribution in Alaskan Waters in Relation to the Impacts of Climate Change and Anthropogenic Activities	
Eff:	8/9/2016	Classified: No

Total for National Oceanic and Atmospheric Administration (NOAA):	\$ 14,993,514
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Total for Department of Commerce:	\$ 14,993,514
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Department of Energy

US Department of Energy (DOE)

To:	R. G. Hamish Robertson, Professor Physics	\$ 2,475,000
For:	FY 2014 Continuation of Solicitation for the Office of Science Financial Assistance Program	
Eff:	8/29/2016	Classified: No

Total for US Department of Energy (DOE):	\$ 2,475,000
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Total for Department of Energy:	\$ 2,475,000
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Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Department of Health and Human Services

National Institute for Occupational Safety and Health (NIOSH)

To:	David A Kalman, Chair Environmental and Occupational Health	\$ 1,738,541
For:	Education and Research Center	
Eff:	8/12/2016	Classified: No

Total for National Institute for Occupational Safety and Health (NIOSH):	\$ 1,738,541
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National Institutes of Health (NIH)

To:	Robert H Waterston, Chair Genome Sciences	\$ 2,382,034
For:	Creating Comprehensive Maps of Worm and Fly Transcription Factor Binding Sites	
Eff:	8/3/2016	Classified: No
To:	Thomas J Grabowski, Professor Pathology	\$ 2,939,745
For:	Alzheimer's Disease Research Center	
Eff:	8/18/2016	Classified: No
To:	Douglas F. Zatzick, Professor Psychiatry and Behavioral Sciences	\$ 1,166,298
For:	A Policy Relevant US Trauma Care System Pragmatic Trial for PTSD and Comorbidity	
Eff:	8/18/2016	Classified: No
To:	Jeffrey S Chamberlain, Professor Neurology	\$ 1,567,752
For:	Sen Paul D. Wellstone Muscular Dystrophy Cooperative Research Center: Seattle	
Eff:	8/20/2016	Classified: No
To:	Jens Gundlach, Professor Physics	\$ 1,000,000
For:	Nanopore sequencing of DNA with MspA	
Eff:	8/23/2016	Classified: No

John E Fogarty International Center (FIC)

To:	Joseph R. Zunt, Professor Global Health	\$ 1,020,000
For:	Northern/Pacific Universities Global Health Research Training Consortium	
Eff:	8/11/2016	Classified: No

<i>Total for John E Fogarty International Center (FIC):</i>	<i>\$ 1,020,000</i>
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National Cancer Institute (NCI)

To:	Raymond J Monnat, Professor Pathology	\$ 1,458,213
For:	Molecular Determinants of Cancer Therapeutic Response	

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Department of Health and Human Services

National Institutes of Health (NIH)

National Cancer Institute (NCI)

Eff: 8/12/2016

Classified: No

Total for National Cancer Institute (NCI): \$ 1,458,213

National Center for Advancing Translational Sciences (NCATS)

To: Mary L. Disis, Associate Dean
Dean's Office

\$ 9,821,490

For: Institute of Translational Health Sciences (ITHS)

Eff: 8/4/2016

Classified: No

Total for National Center for Advancing Translational Sciences (NCATS): \$ 9,821,490

National Eye Institute (NEI)

To: Russell Van Gelder, Chair
Ophthalmology

\$ 1,261,874

For: Photoswitchable channel blockers for treatment of blindness

Eff: 8/30/2016

Classified: No

Total for National Eye Institute (NEI): \$ 1,261,874

National Institute of General Medical Sciences (NIGMS)

To: Kenneth E. Thummel, Professor
Pharmaceutics

\$ 1,296,745

For: Program on Genetic and Dietary Predictors of Drug Response in Rural and
AI/AN Populations

Eff: 8/1/2016

Classified: No

Total for National Institute of General Medical Sciences (NIGMS): \$ 1,296,745

Total for National Institutes of Health (NIH):

\$ 23,914,151

US Department of Health and Human Services (DHHS)

To: Rodney J.Y. Ho, Professor
Pharmaceutics

\$ 3,482,643

For: Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)
5UM1 AI120176

Eff: 8/1/2016

Classified: No

Total for US Department of Health and Human Services (DHHS):

\$ 3,482,643

Total for Department of Health and Human Services:

\$ 29,135,335

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

National Science Foundation

National Science Foundation (NSF)

To: Dennis L Hartmann, Professor \$ 1,095,460
Atmospheric Science

For: Mechanisms of Climate Variability and Change

Eff: 8/8/2016 Classified: No

To: Mehmet Sarikaya, Professor \$ 1,100,000
Materials Science and Engineering

For: DMREF: Biologically Interfaced Single Layer Devices

Eff: 8/25/2016 Classified: No

Total for National Science Foundation (NSF): \$ 2,195,460

Total for National Science Foundation: \$ 2,195,460

Total for Federal: \$ 50,387,347

Total Public Grants: \$ 50,387,347

Detail of Private Grant³ Research Awards by Originating Sponsor⁴

Foundations

Washington State Opportunity Scholarship

To: Eve A Riskin, Associate Dean \$ 2,189,987
Dean's Office

For: Opportunity Expansion Fund: Washington State Opportunity Scholarship:
STARS

Eff: 8/16/2016 Classified: No

Total for Washington State Opportunity Scholarship: \$ 2,189,987

Total for Foundations: \$ 2,189,987

Total Private Grants: \$ 2,189,987

Detail of Contract³ Research Awards by Originating Sponsor⁴

Federal

Department of Defense

Naval Sea Systems Command

To:	Andrew R Stewart, Research Scientist/engineer Principal Applied Physics Laboratory	\$ 2,418,452
For:	MHK Array and Component Optimzization & Testing	
Eff:	8/30/2016	Classified: No

Total for Naval Sea Systems Command:	\$ 2,418,452
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US Department of Defense (DOD)

To:	Joan Elizabeth Sanders, Professor Bioengineering	\$ 1,601,678
For:	Automated control of volume management systems for people with limb loss	
Eff:	8/30/2016	Classified: No

Total for US Department of Defense (DOD):	\$ 1,601,678
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Total for Department of Defense:	\$ 4,020,130
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Department of Health and Human Services

National Institutes of Health (NIH)

National Heart, Lung, and Blood Institute (NHLBI)

To:	Robyn L. McClelland, Research Associate Professor Biostatistics	\$ 4,987,661
For:	Multi-Ethnic Study of Atherosclerosis (MESA)	
Eff:	8/23/2016	Classified: No

<i>Total for National Heart, Lung, and Blood Institute (NHLBI):</i>	<i>\$ 4,987,661</i>
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Total for National Institutes of Health (NIH):	\$ 4,987,661
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Total for Department of Health and Human Services:	\$ 4,987,661
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Total for Federal:	\$ 9,007,791
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Total Contracts:	\$ 9,007,791
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Grand Total for all Awards	\$ 61,585,125
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