

DARTMOUTH COLLEGE
OFFICE OF
SPONSORED PROJECTS

ANNUAL REPORT
AND
SUPPLEMENT
TO THE FINANCIAL REPORT



JUNE 30, 2018



Dartmouth College

Office of Sponsored Projects
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March 29, 2019

Dear Colleague:

We are pleased to present to you the Office of Sponsored Projects Annual Report for fiscal year 2018. The Annual Report highlights Dartmouth's continuing efforts to attract external support for research and other sponsored activities year after year.

During fiscal year 2018, total funding received (research and financial aid) reached \$203,043,519 which was a 4.5% decrease in funding over fiscal year 2017. The Executive Summary provides a valuable overview of our performance and illustrates the most salient features of sponsored research at Dartmouth College. In the Executive Summary, you will see the impact of Financial Aid over the previous five years, as well as information regarding awards received, the year-to-year percentage change in awards, sources of awards, proposals submitted and expenses for sponsored projects. Subsequent sections provide a more focused review of sponsored research by division during fiscal year 2018.

Section 1 provides an analysis of awards and proposals by divisions and departments as well as by source. Sections 2 through 9 provide information for each division and department that administered awards and proposals during the year. These sections also contain award details such as:


- Division or major organizational unit,
- Department or program,
- Name of the principal investigator and co-investigator(s),
- Sponsoring agency,
- Type of sponsoring agency,
- Total amount awarded (listed for principal investigator only), and
- Title of the project.

Section 10 is the Supplement to the College Financial Report and it provides a summary of award expenditures. The Annual Report does not include proposal details or expenditure details by division or department. If you need these data then please contact the Office of Sponsored Projects.

The information contained herein represents sponsored activities. The Annual Report contains information on corporate and industry activity that is defined as support for research, but, not corporate philanthropy. The Report does not include most awards generated and reported by the Development Office, or, awards made directly to individual faculty.

If you have any questions or comments please call me at 603-646-3007.

Sincerely,



Jill Moriali
Director, Office of Sponsored Projects

**SPONSORED PROJECTS ANNUAL REPORT
JULY 1, 2017 – JUNE 30, 2018**

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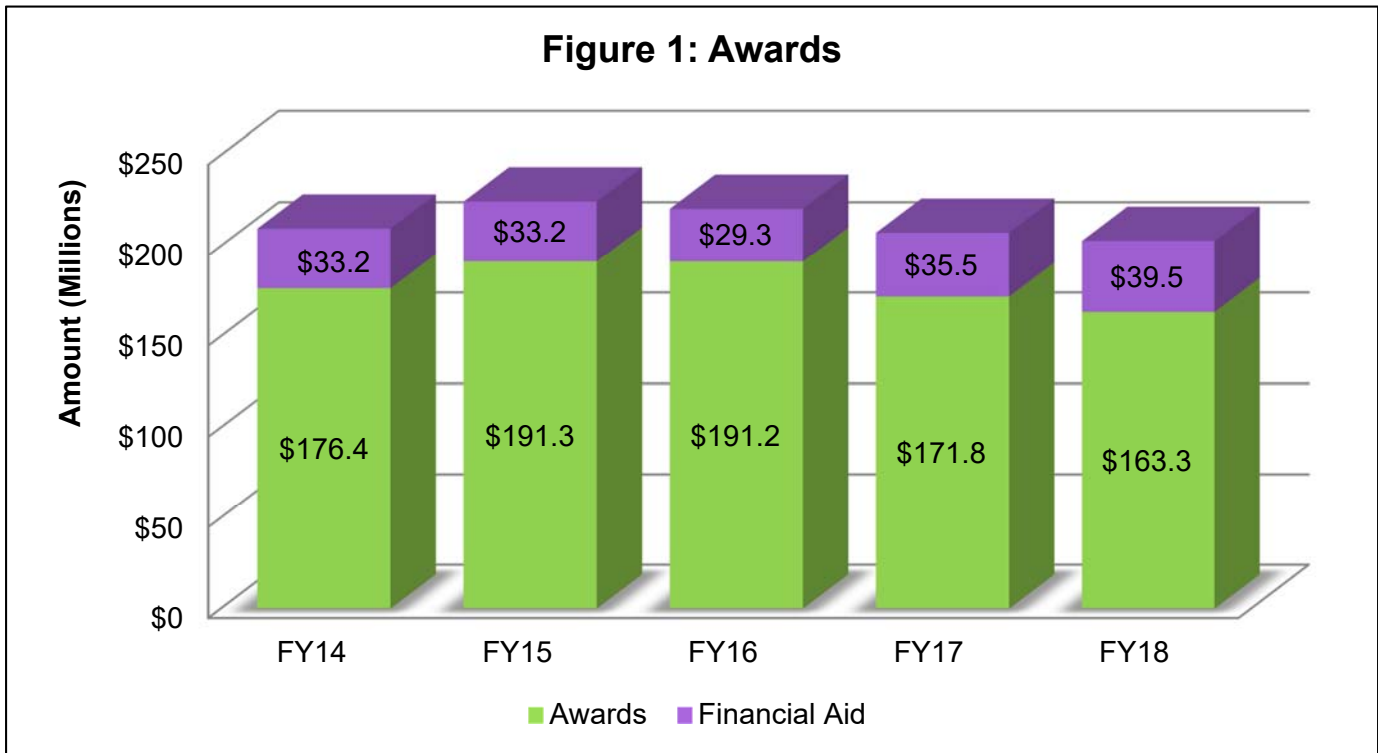
**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
HISTORICAL AWARD AND PROPOSAL DATA**

FISCAL YEAR	NUMBER OF AWARDS	\$ VALUE	AVERAGE \$ PER AWARD	NUMBER OF PROPOSALS	\$ VALUE	AVERAGE \$ PER SUBMISSION
1995	589	\$74,398,404	\$115,525	663	\$278,381,853	\$419,882
1996	557	\$70,317,683	\$110,659	616	\$222,160,564	\$360,650
1997	610	\$78,371,592	\$120,944	617	\$253,407,620	\$410,709
1998	634	\$79,265,092	\$118,483	648	\$373,243,370	\$575,993
1999	659	\$89,251,945	\$117,129	655	\$302,883,269	\$462,417
2000	710	\$101,728,987	\$127,161	718	\$397,406,296	\$553,491
2001	778	\$128,210,710	\$164,795	715	\$381,966,134	\$534,218
2002	842	\$156,954,675	\$186,407	800	\$566,055,455	\$707,569
2003	806	\$165,317,011	\$205,108	875	\$664,368,589	\$759,278
2004	827	\$205,705,391	\$248,737	899	\$711,325,763	\$791,241
2005	866	\$187,101,167	\$216,052	996	\$677,234,696	\$679,955
2006	892	\$185,634,211	\$208,110	1018	\$596,389,035	\$585,844
2007	841	\$183,340,425	\$218,003	848	\$625,611,839	\$737,750
2008	878	\$163,321,292	\$186,015	933	\$641,947,845	\$688,047
2009	826	\$168,582,051	\$204,094	1129	\$867,433,516	\$768,320
2010	954	\$230,718,049	\$241,843	1010	\$816,323,217	\$808,241
2011	852	\$202,747,767	\$237,967	929	\$617,564,039	\$664,762
2012	808	\$211,044,154	\$261,193	986	\$691,666,147	\$701,487
2013	731	\$199,474,532	\$272,879	1001	\$744,852,062	\$744,108
2014	755	\$209,599,057	\$277,615	1027	\$748,608,594	\$728,928
2015	710	\$224,539,807	\$316,253	994	\$885,472,417	\$890,817
2016	730	\$220,458,588	\$301,998	1050	\$1,139,819,813	\$1,085,543
2017	730	\$207,251,765	\$283,907	1053	\$873,157,571	\$829,209
2018	736	\$203,043,519	\$275,874	973	\$812,961,475	\$835,521

EXECUTIVE SUMMARY

During fiscal year 2018, awards received by Dartmouth College totaled \$203,043,519, which was a decrease of 2% over awards received during fiscal year 2017. Despite an overall decrease in funding, awards to Arts & Sciences increased 19% to \$26,824,539. Awards in the Geisel School of Medicine were \$108,764,667 and represented 54% of sponsored funding in fiscal year 2018. Financial Aid represented 19% of funding for the year. Figures 1 through 5 illustrate these trends.

Agency sponsored expenditures were \$208,350,450 in fiscal year 2018, which was an increase of 1.5% from 2017. Expenses in the Geisel School of Medicine were \$115,908,852 and represented 56% of agency sponsored expenditures at Dartmouth College during the year.



	FY14	FY15	FY16	FY17	FY18
Awards	\$209,599,057	\$224,539,807	\$220,458,588	\$207,251,765	\$203,043,519
Expenses	\$212,358,928	\$216,018,463	\$213,196,710	\$205,174,266	\$208,350,450
Proposals	\$748,608,594	\$885,472,417	\$1,139,819,813	\$873,157,571	\$812,961,475

Figure 2 shows a five-year comparison of awards and agency sponsored expenses.

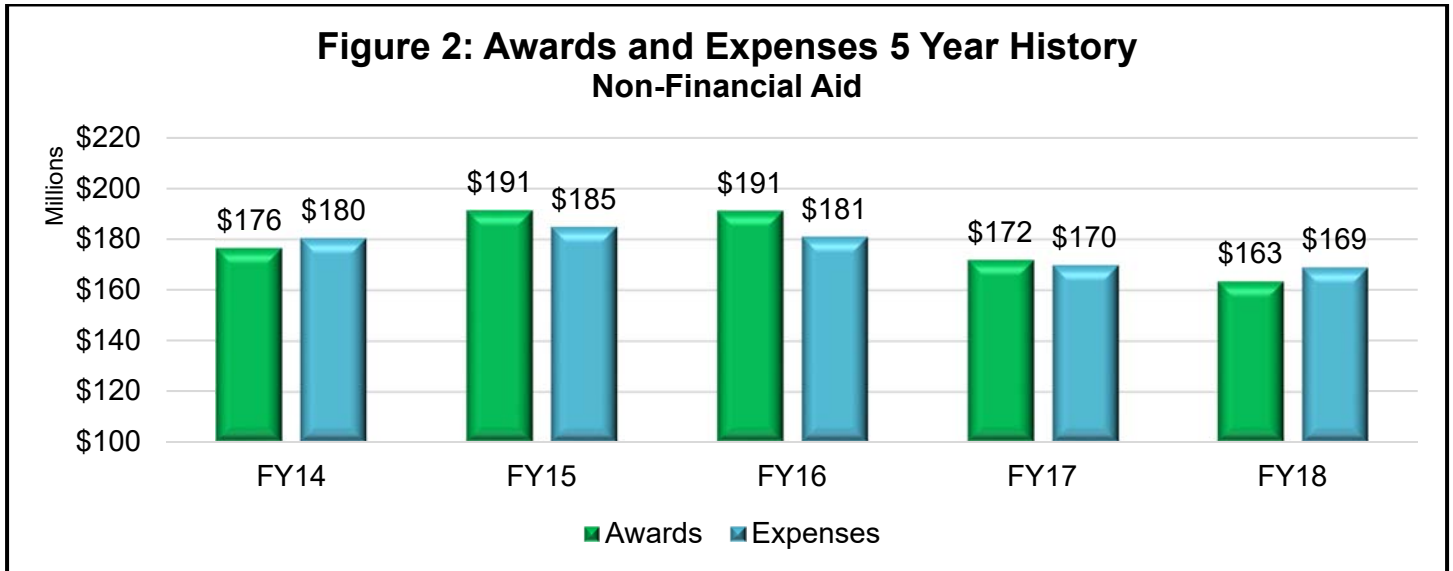
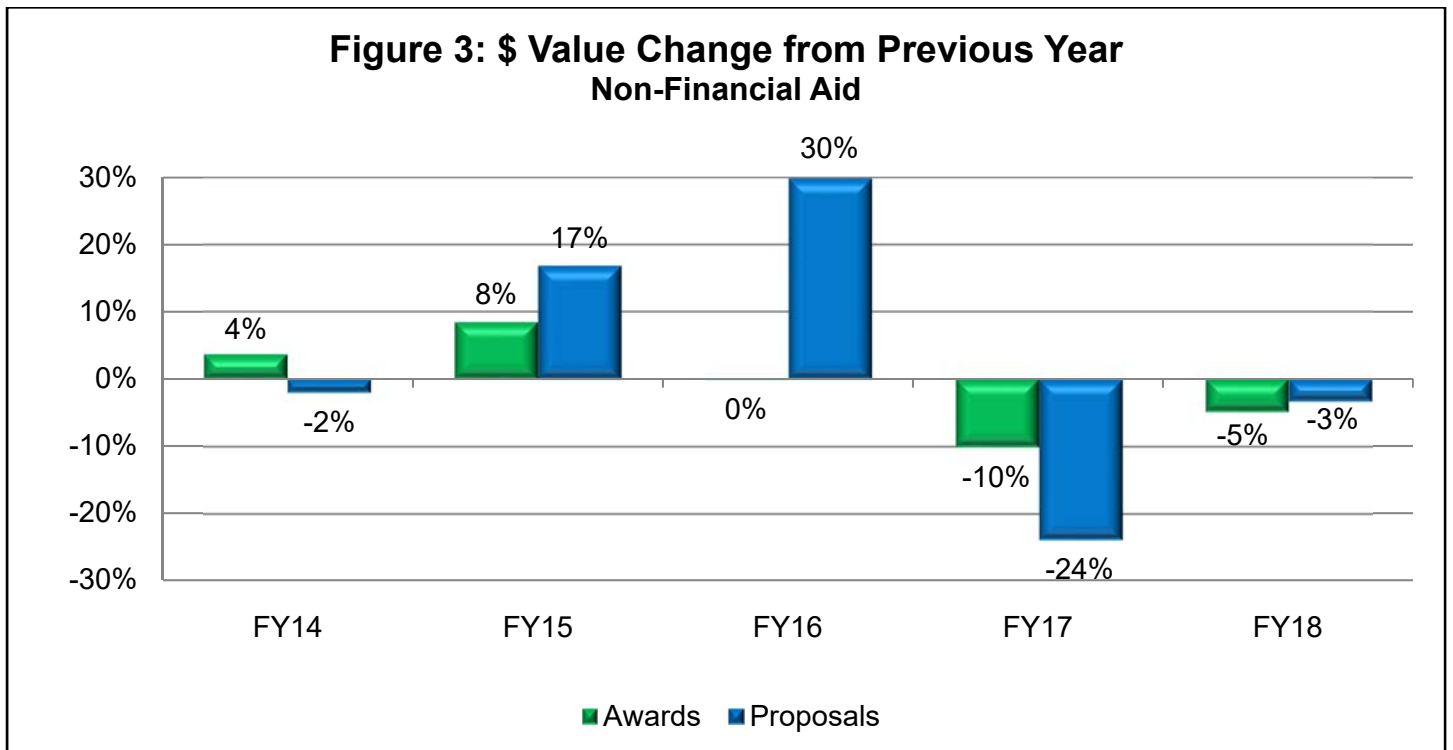


Figure 3 illustrates the relative changes in award and proposal levels over the previous five years.



Awards Received

Dartmouth College received 735 awards totaling \$202,782,519 in fiscal year 2018, a decrease of 2% from 2017. Although there was an overall decrease in funding, Arts & Sciences experienced award growth in 2018. Awards received by the Geisel School of Medicine were lower in 2018. Figure 4 shows the five-year trend.

TABLE 1:

	FY14	FY15	FY16	FY17	FY18
ARTS AND SCIENCES	\$19,127,508	\$20,729,655	\$19,641,325	\$22,535,184	\$26,824,539
CAMPUS SERVICES	\$45,000	\$171,944	\$63,484	\$95,441	\$70,352
DEAN OF THE COLLEGE	\$36,750	\$0	\$0	\$0	\$0
FINANCE AND ADMINISTRATION	\$0	\$0	\$246,286	\$0	\$0
FINANCIAL AID	\$33,156,956	\$33,198,766	\$29,285,064	\$35,496,640	\$39,482,527
GEISEL SCHOOL OF MEDICINE	\$135,109,117	\$143,460,607	\$146,964,103	\$117,728,320	\$108,764,667
OFFICE OF THE PROVOST	\$4,369,046	\$4,685,447	\$4,615,016	\$3,510,838	\$4,471,301
GUARINI GRAD & ADV STUDIES				\$373,000	\$373,000
THAYER SCHOOL	\$17,754,680	\$22,293,388	\$19,596,704	\$27,509,842	\$22,728,379
TUCK SCHOOL	\$0	\$0	\$46,606	\$2,500	\$67,754
TOTAL COLLEGE	\$209,599,057	\$224,539,807	\$220,458,588	\$207,251,765	\$202,782,519

Figure 4: Award Summary by Division FY18
Non-Financial Aid

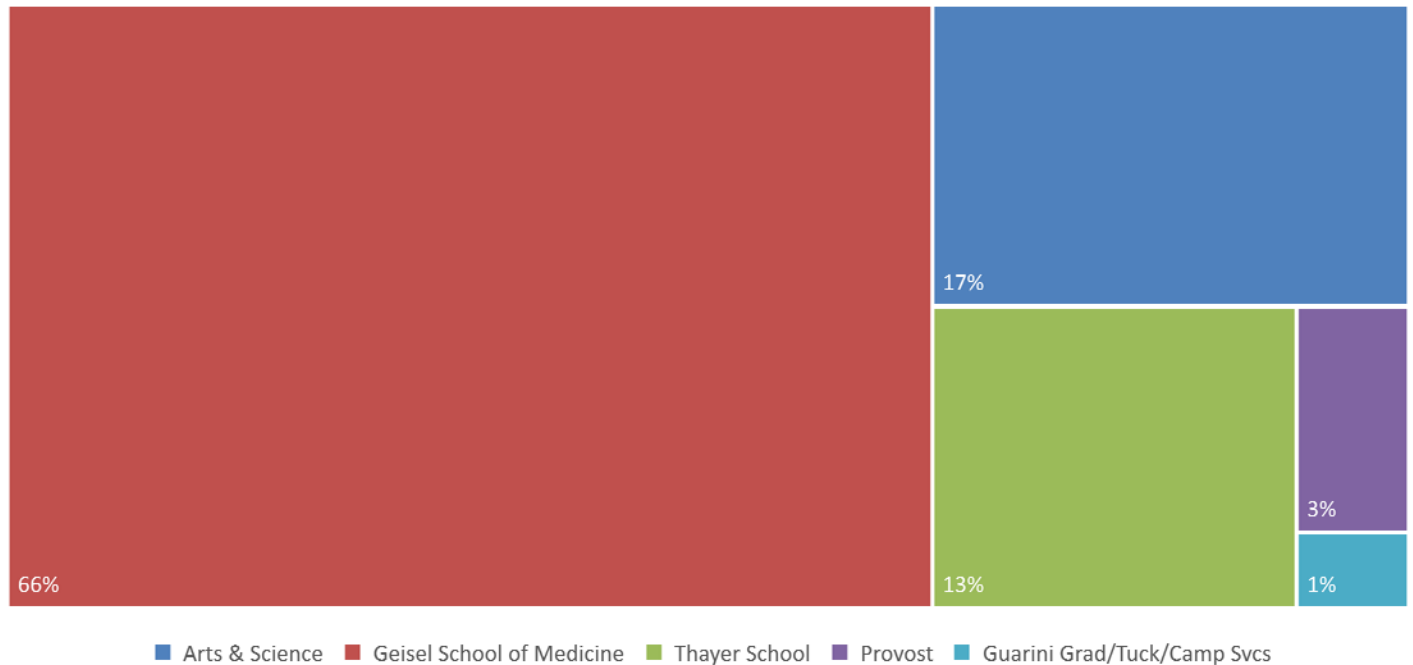
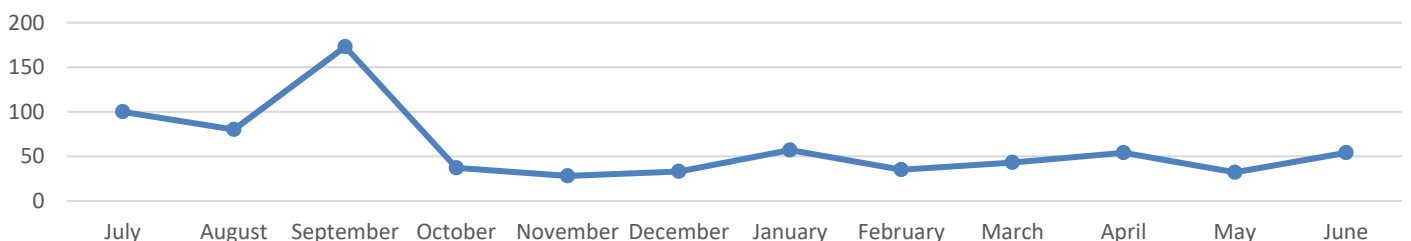
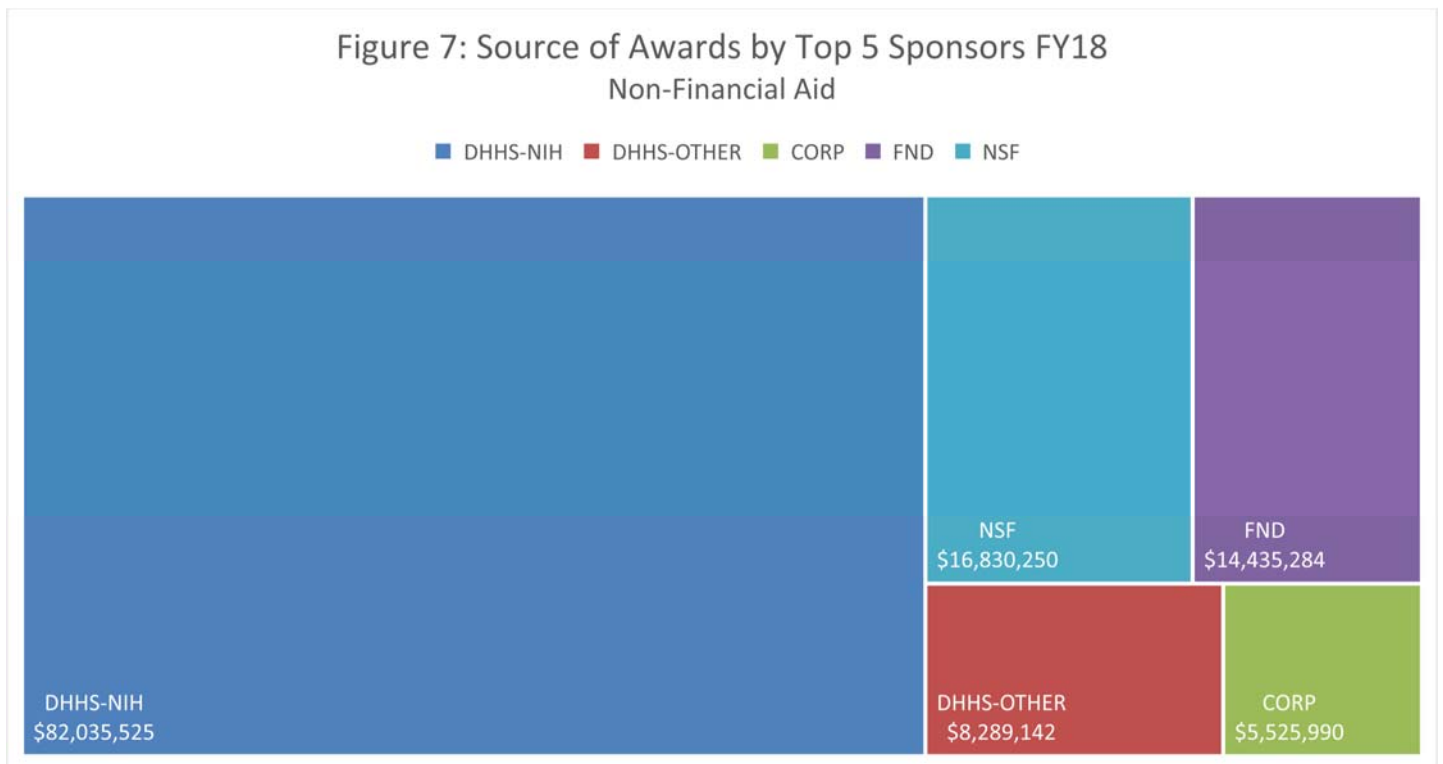
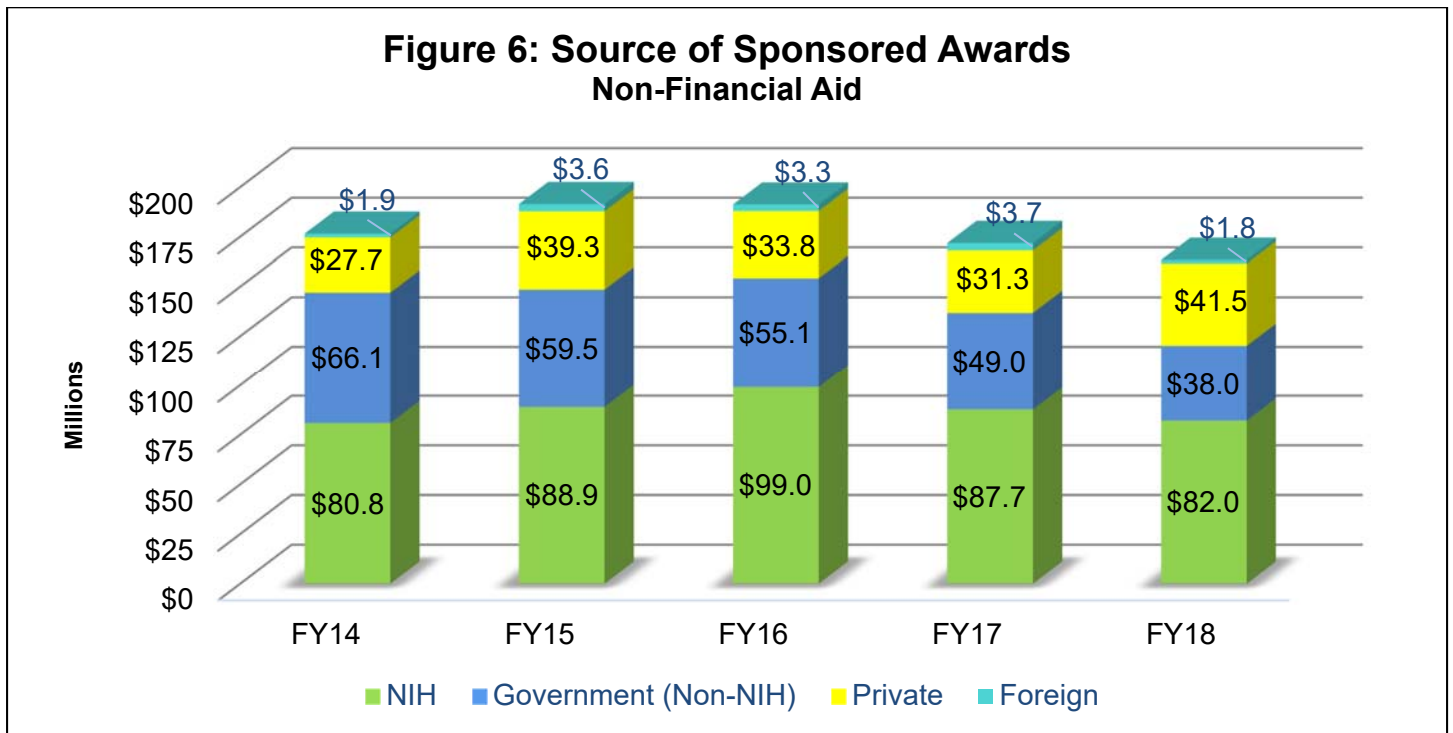


Figure 5: Number of Awards Received FY18



As Figure 6 illustrates, Dartmouth College relies heavily upon government sponsored research. In 2018, government awards totaled \$120,044,819 (74%), compared to \$41,456,636 (25%) in private funding and \$1,798,537 (1%) in foreign funding. Government awards overall fell 12% in 2018.



Proposals Submitted

Dartmouth College faculty and staff submitted 973 proposals totaling \$812,961,475 during fiscal year 2018. Arts & Sciences, the Thayer School of Engineering and the Office of the Provost (after adjusting for a one-time \$100,000,000 FY17 proposal) submitted more proposals and requested more funding as compared to fiscal year 2017. Conversely, the Geisel School of Medicine submitted fewer proposals and requested less funding as compared to 2017. Table 2 displays proposals for 2014 - 2018.

TABLE 2:

	FY14	FY15	FY16	FY17	FY18
ARTS AND SCIENCES	\$101,422,511	\$124,385,215	\$123,804,269	\$135,352,964	\$153,616,078
CAMPUS SERVICES				\$158,802	\$152,842
DEAN OF THE COLLEGE	\$36,750	\$39,894	\$45,149	\$0	\$0
FINANCE AND ADMINISTRATION			\$164,191	\$0	\$0
FINANCIAL AID	\$19,045,513	\$33,067,793	\$33,209,171	\$32,149,991	\$35,444,991
GEISEL SCHOOL OF MEDICINE	\$499,619,969	\$615,081,802	\$857,970,481	\$486,836,225	\$476,130,798
GUARINI GRAD. & ADV. STUDIES					\$368,000
OFFICE OF THE PRESIDENT	\$325,000	\$0	\$0	\$0	\$0
OFFICE OF THE PROVOST	\$8,689,343	\$5,683,426	\$5,081,043	\$108,519,096	\$14,382,921
THAYER SCHOOL	\$119,469,508	\$107,214,287	\$119,473,903	\$109,536,209	\$132,295,620
TUCK SCHOOL	\$0	\$0	\$71,606	\$604,284	\$570,225
TOTAL COLLEGE	\$748,608,594	\$885,472,417	\$1,139,819,813	\$873,157,571	\$812,961,475

Figure 8: Proposal Summary by Division FY18
Non-Financial Aid

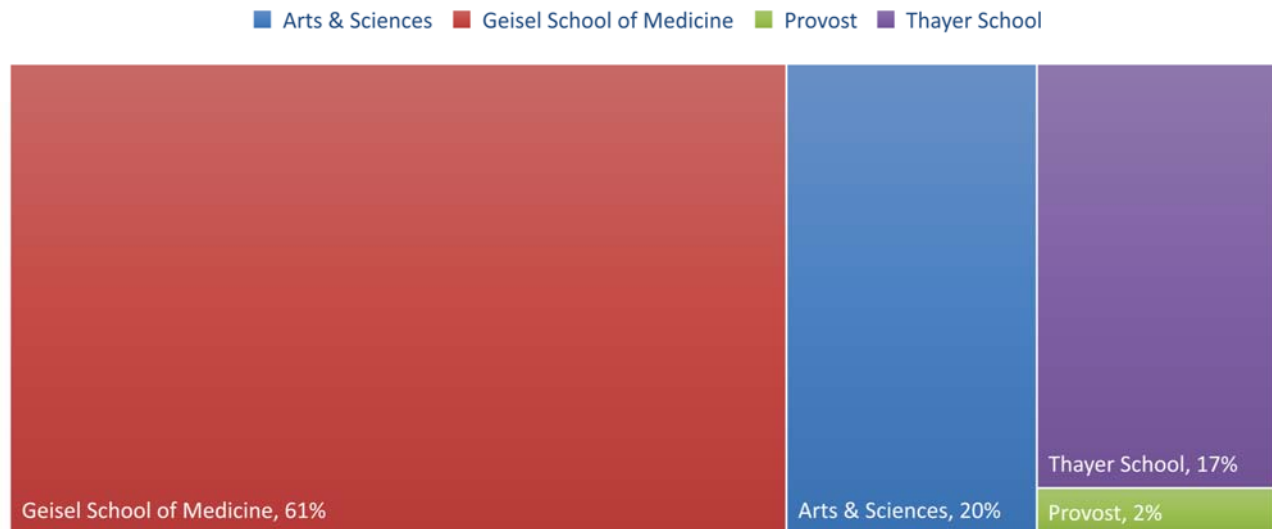


Figure 9: Proposal Summary by Division FY18

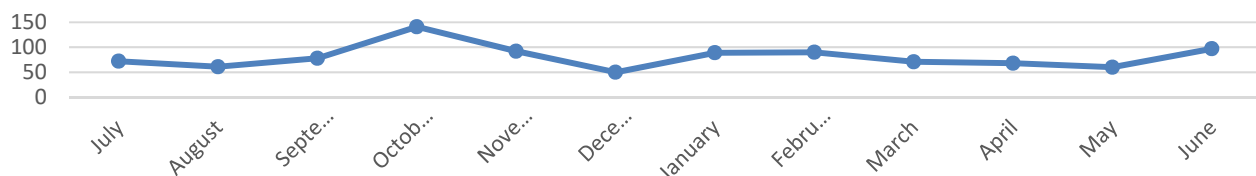
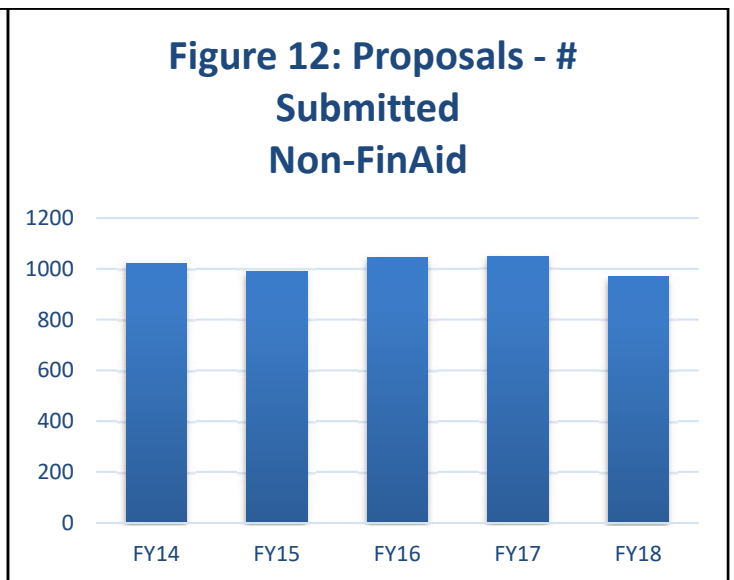
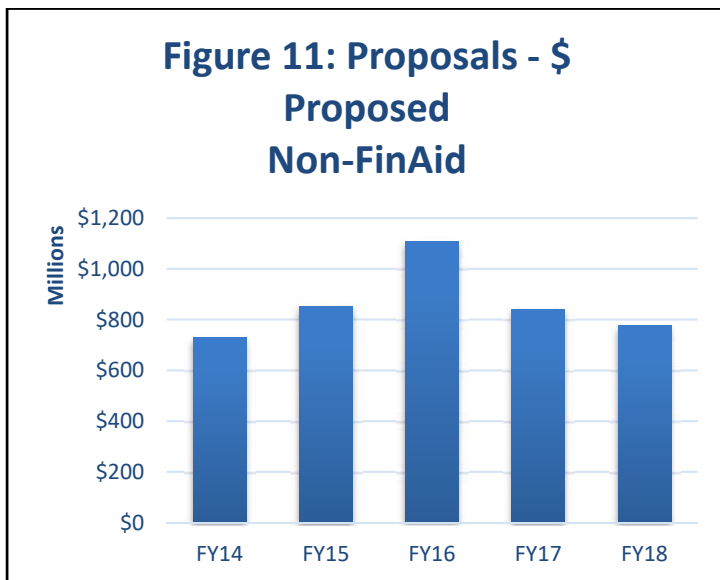
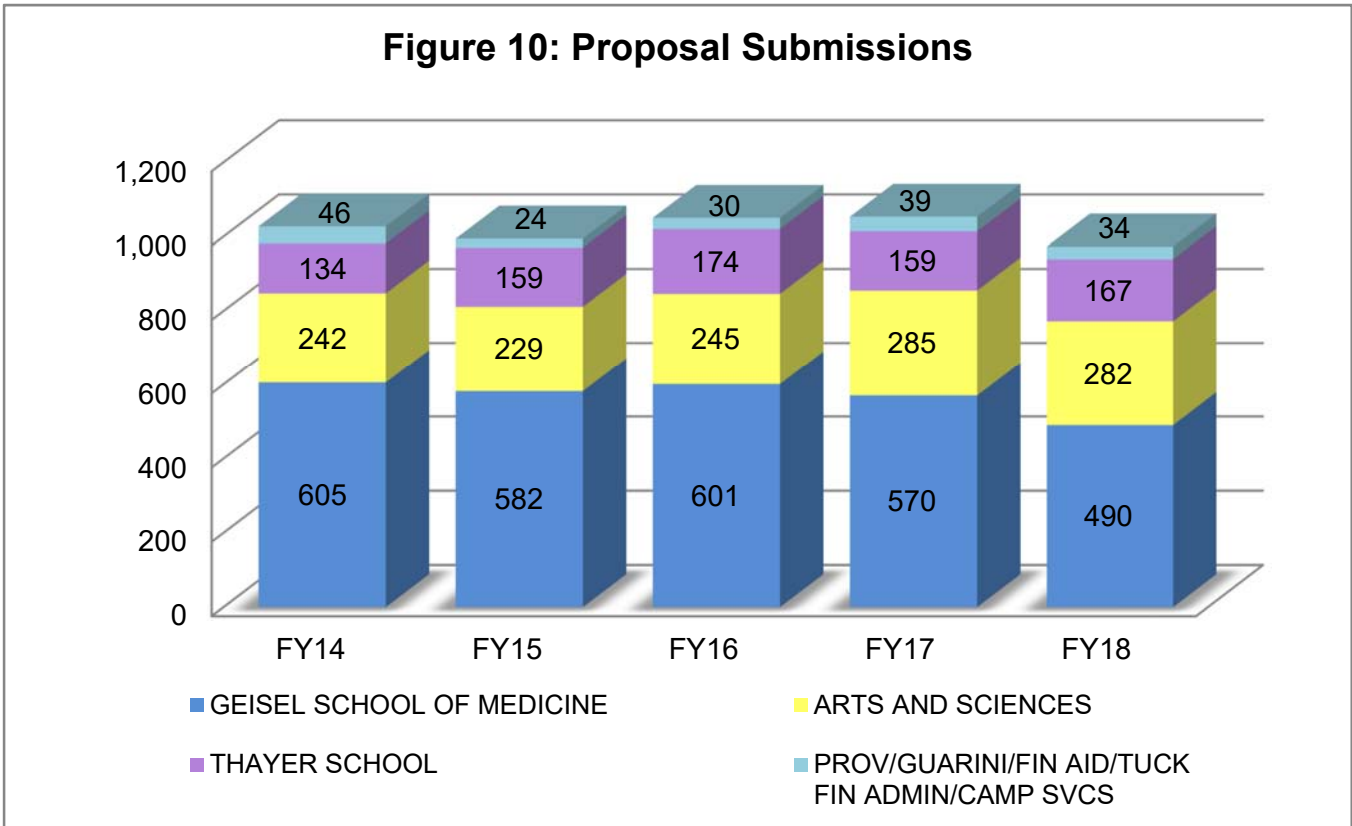


Figure 10 shows the number of proposals submitted by each division during the previous five fiscal years.

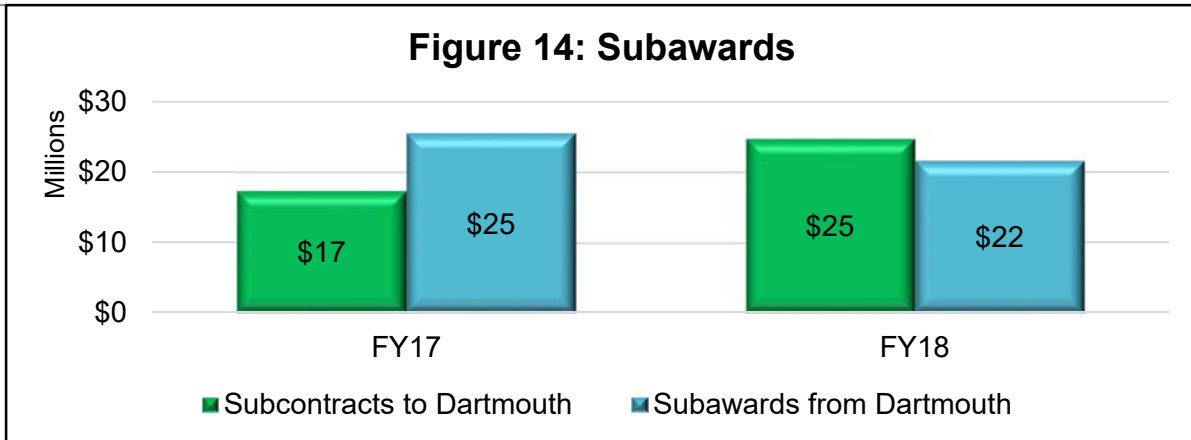
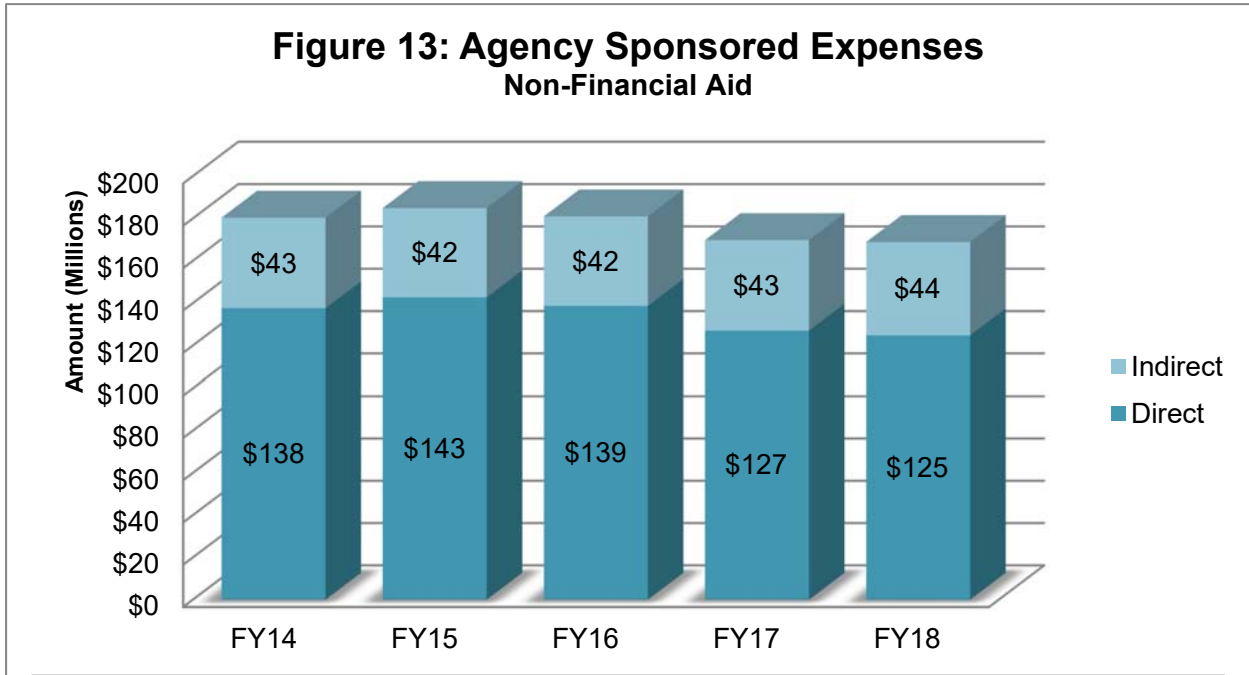


Agency Sponsored Expenses

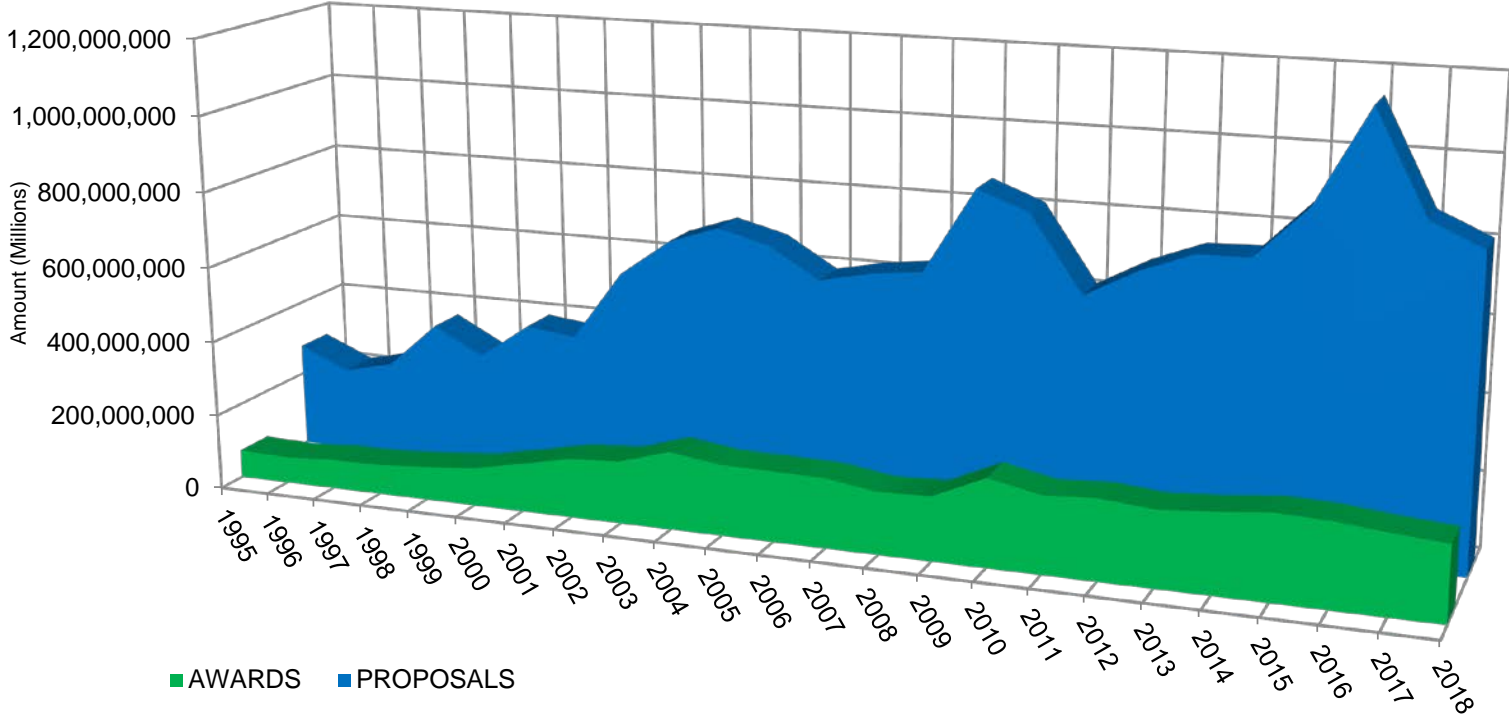
Agency sponsored expenditures in fiscal year 2018 totaled \$208,350,450. Excluding financial aid, direct expenses were \$124,776,794 (74%) and indirect expenses were \$44,050,179 (26%) in 2018. Figure 13 shows non-financial aid expenses for fiscal years 2014 - 2018.

Total Agency Sponsored Expenses				
FY14	FY15	FY16	FY17	FY18
212,358,928	216,018,463	213,196,710	205,174,266	208,350,450

	Direct	Direct %	Indirect	Indirect %	Total
FY14	\$137,592,905	76.29%	\$42,753,652	23.71%	\$180,346,557
FY15	\$142,682,281	77.18%	\$42,196,468	22.82%	\$184,878,749
FY16	\$138,686,486	76.64%	\$42,282,022	23.36%	\$180,968,508
FY17	\$127,027,497	74.83%	\$42,716,572	25.17%	\$169,744,069
FY18	\$124,776,794	73.91%	\$44,050,179	26.09%	\$168,871,434



**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
HISTORICAL AWARD AND PROPOSAL COMPARISON**



**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
AWARDS AND PROPOSALS BY SPONSOR
FISCAL YEAR 2018**

<u>TOTAL COLLEGE</u>	<u>AWARDS</u>	<u>%</u>	<u>PROPOSALS</u>	<u>%</u>
Corporate	5,525,990	2.72%	14,306,038	1.76%
Department of Defense	3,160,287	1.56%	29,610,178	3.64%
Department of Education	39,779,083	19.59%	35,444,991	4.36%
Department of Energy	1,721,703	0.85%	18,423,916	2.27%
Department of Health & Human Services	90,585,667	44.61%	408,972,814	50.31%
Department of Justice	49,511	0.02%	452,786	0.06%
Foreign Corporations	756,074	0.37%	1,369,698	0.17%
Foreign Foundations	45,381	0.02%	2,895,258	0.36%
Foreign Governments	155,285	0.08%	4,686,794	0.58%
Foreign Institutes	231,572	0.11%	1,635,968	0.20%
Foreign Private Educational Institutions	356,207	0.18%	542,042	0.07%
Foreign Public Educational Institutions	254,018	0.13%	419,270	0.05%
Foreign State & Local Government	0	0.00%	0	0.00%
Foundations	14,435,284	7.11%	67,698,812	8.33%
National Aeronautics & Space Administration	2,092,329	1.03%	15,298,325	1.88%
National Endowment for the Humanities	154,193	0.08%	1,611,037	0.20%
National Science Foundation	16,830,250	8.29%	87,397,762	10.75%
Other Federal	2,890,769	1.42%	4,792,177	0.59%
Private Educational Institutions	9,057,884	4.46%	41,092,840	5.05%
Private Institutes	4,729,476	2.33%	33,628,046	4.14%
Professional & Trade Associations	354,206	0.17%	1,416,770	0.17%
Public Educational Institutions	7,353,796	3.62%	38,946,476	4.79%
State and Local Governments	<u>2,524,554</u>	1.24%	<u>2,319,477</u>	0.29%
TOTAL	\$ 203,043,519		\$ 812,961,475	

OFFICE OF SPONSORED PROJECTS
 DARTMOUTH COLLEGE
 AWARD SUMMARY
 FISCAL YEARS 2014 - 2018

	FY2018		FY2017		FY2016		FY2015		FY2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
ARTS & SCIENCES										
AMELL	1,200	1	5,370	1	5,370	1	5,370	1	0	0
ANTHROPOLOGY	438,787	8	144,303	6	182,316	5	42,318	2	0	0
ARTS & SCIENCES	0	0	0	0	165,559	1	159,111	1	0	0
BIOLOGICAL SCIENCES	2,787,675	23	3,198,330	23	2,820,600	21	4,653,268	26	4,983,576	32
CHEMISTRY	2,730,531	16	1,290,219	8	2,153,339	14	2,311,474	11	2,769,383	13
CLASSIC STUDIES	220,653	1	0	0	2,385	1	0	0	0	0
COMPUTER SCIENCE	4,492,521	20	2,262,097	16	1,358,544	15	984,181	9	657,128	4
DEAN OF THE FACULTY	99,000	1	38,000	1	0	0	0	0	0	0
EARTH SCIENCES	1,286,817	15	1,813,235	20	941,033	9	677,935	8	313,916	5
ECONOMICS	375,941	6	302,730	4	361,613	9	566,123	9	516,476	6
EDUCATION	187,882	2	214,442	2	112,361	1	166,766	2	0	0
ENGLISH	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL STUDIES	574,287	3	950,539	7	1,635,054	8	1,050,170	5	607,707	6
FILM AND MEDIA STUDIES	0	0	331,684	2	705,413	3	718,324	3	209,768	2
FRENCH & ITALIAN	0	0	0	0	0	0	0	0	65,000	1
GEOGRAPHY	166,201	3	125,484	2	390,518	6	145,007	3	0	0
GOVERNMENT	398,500	3	553,889	4	63,768	1	515,582	2	184,822	1
GRADUATE STUDIES	0	0	0	0	0	0	983,500	1	187,000	1
HISTORY										
INST FOR WRITING RHETORIC	25,285	1	24,886	1	20,577	1	0	0	0	0
JEWISH STUDIES										
LANGUAGE										
LESLIE HUM CENTER	0	0	-27,600	1	60,262	1	54,738	1	0	0
LINGUISTICS & COGNITIVE SCIENCE	24,174	1	141,997	2	44,285	1	133,240	2	0	0
MALS PROGRAM	0	0	0	0	0	0	0	0	0	0
MATHEMATICS	1,149,292	12	1,139,331	11	1,307,051	9	578,063	13	1,181,900	10
MUSIC	0	0	0	0	0	0	0	0	0	0
NATIVE AMERICAN STUDIES	0	0	0	0	0	0	0	0	0	0
PHILOSOPHY	0	0	40,000	1	0	0	55,000	1	0	0
PHYSICS & ASTRONOMY	5,662,287	39	5,098,195	43	3,695,724	40	4,680,784	32	5,432,144	48
PSYCHOLOGICAL AND BRAIN SCIENCES	6,119,606	22	4,719,854	20	3,481,493	20	2,248,701	11	2,018,688	13
QUANTITATIVE SOCIAL SCIENCE	0	0	0	0	89,670	1	0	0	0	0
RELIGION	83,900	1	65,000	2	0	0	0	0	0	0
ROCKEFELLER CENTER										
RUSSIAN	0	0	0	0	0	0	0	0	0	0
SOCIOLOGY	0	0	103,199	3	44,390	2	0	0	0	0
SPANISH AND PORTUGUESE										
WILLIAM H. NEUKOM INSTITUTE FOR COMPUTATIONAL SCIENCE	0	0	0	0	0	0	0	0	0	0
ARTS & SCIENCES	26,824,539	178	22,535,184	180	19,641,325	170	20,729,655	143	19,127,508	142
CAMPUS SERVICES										
ENGINEERING AND UTILITIES	0	0	70,083	1	0	0	0	0	0	0
WOODLANDS OFFICE	70,352	2	25,358	3	63,484	2	166,944	2	40,000	1
CAMPUS SERVICES	70,352	2	95,441	4	63,484	2	166,944	2	40,000	1
DEAN OF THE COLLEGE										
DCAD										
DEAN OF THE COLLEGE	0	0	0	0	0	0	0	0	4,750	1
LIBRARY	0	0	0	0	0	0	0	0	32,000	1
OUTDOOR PROGRAMS	0	0	0	0	0	0	0	0	0	0
DEAN OF THE COLLEGE	0	0	0	0	0	0	0	0	36,750	2

OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
AWARD SUMMARY
FISCAL YEARS 2014 - 2018

	FY 2018		FY 2017		FY 2016		FY 2015		FY 2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
FINANCE AND ADMINISTRATION										
HUMAN RESOURCES OPERATIONS	0	0	0	0	246,286	1	0	0	0	0
FINANCE AND ADMINISTRATION	0	0	0	0	246,286	1	0	0	0	0
FINANCIAL AID	39,482,527	5	35,496,640	4	29,285,064	4	33,198,766	4	33,156,956	4
GEISEL SCHOOL OF MEDICINE										
ADMINISTRATION	0	0	0	0	0	0	0	0	411,208	4
ADVISING DEAN'S OFFICE	0	0	0	0	0	0	0	0	0	0
ANESTHESIOLOGY	0	0	1,231	1	0	0	6,891	1	6,891	1
ANIMAL RESOURCES CENTER	0	0	0	0	0	0	24,089	1	23,616	1
BIOCHEMISTRY & CELL BIOLOGY	9,753,284	25	8,314,106	24	11,236,620	25	7,321,566	23	7,463,560	20
BIOMEDICAL DATA SCIENCE	5,761,914	24	5,487,992	16	4,018,750	18	2,531,705	5	0	0
BIOMEDICAL RESEARCH	167,702	3	76,000	2	0	0	0	0	0	0
CARDIOLOGY	0	0	26,940	1	0	0	0	0	0	0
CENTER FOR ENVIRONMENTAL HEALTH SERVICES	0	0	0	0	20,000	1	4,332,317	3	0	0
CENTER FOR TECHNOLOGY AND BEHAVIORAL HEALTH (CTBH)	5,483,733	8	5,745,716	10	3,722,869	7	0	0	0	0
COMMUNITY & FAMILY MEDICINE	3,112,549	10	9,070,210	14	12,354,928	25	12,391,626	40	12,535,457	51
EPIDEMIOLOGY	7,374,217	12	3,642,167	9	1,553,969	3	0	0	0	0
GENETICS	0	0	0	0	660,498	8	5,834,349	24	7,688,078	24
GSM DEAN'S OFFICE	106,528	2	136,374	2	0	0	0	0	0	0
INSTITUTE FOR QUANTITATIVE BIOMEDICAL SCIENCES	0	0	0	0	0	0	101,672	3	100,084	3
MD PHD PROGRAM	0	0	0	0	43,377	1	96,240	2	0	0
MEDICINE	3,926,153	34	5,301,385	41	7,541,962	55	9,097,461	51	8,844,254	64
MICRO IMMUNOLOGY	19,023,899	57	16,754,672	52	17,299,248	53	15,412,155	50	14,787,509	52
MOLECULAR AND SYSTEMS BIOLOGY (MSB)	4,854,608	18	5,461,799	22	6,141,592	18	0	0	0	0
NEUROLOGY	1,195,320	9	866,181	8	293,515	5	1,668,626	11	1,253,840	10
NORRIS COTTON CANCER CENTER	9,435,842	41	9,747,005	34	9,945,956	31	6,000,854	31	1,714,509	3
OBSTETRICS & GYNECOLOGY	654,636	3	720,802	4	1,215,121	8	717,605	5	672,672	12
OFFICE OF MEDICAL EDUCATION	296,420	2	0	0	0	0	0	0	0	0
ORTHO PAEDIC SURGERY	245,218	6	93,100	1	118,395	4	26,199	2	25,805	2
PATHOLOGY	499,128	2	480,704	4	2,261,627	6	1,012,136	3	4,085,997	9
PEDIATRICS	2,442,072	18	4,212,203	19	4,659,349	24	5,175,698	31	6,851,314	47
PHARMACOLOGY & TOXICOLOGY	1,028,844	2	1,030,835	3	2,087,078	7	2,790,818	14	8,255,075	27
PHYSIOLOGY & NEUROBIOLOGY	474,354	2	1,190,595	4	1,659,956	5	3,596,478	12	3,341,153	19
PSYCHIATRIC RESEARCH CENTER	749,398	2	442,779	2	3,047,668	12	1,412,065	11	0	0
PSYCHIATRY	6,277,436	31	6,782,017	28	19,667,403	37	19,379,489	48	23,070,213	73
RADIOLOGY	129,080	4	2,209,887	6	2,385,540	9	5,920,215	10	4,369,887	10
SURGERY	1,428,634	12	792,854	14	1,165,290	13	1,231,474	12	998,868	11
SYNERGY	319,655	1	3,705,060	3	9,363,543	2	7,133,823	2	2,245,179	2
SYNERGY ADMINISTRATION	69,644	1	0	0	0	0	0	0	0	0
THE DARTMOUTH INSTITUTE FOR HEALTH & CLINICAL PRACTICE	24,215,399	97	25,435,706	95	24,499,849	65	30,245,056	60	26,363,948	67
GEISEL SCHOOL OF MEDICINE	109,025,667	426	117,728,320	419	146,964,103	442	143,460,607	455	135,109,117	512

OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
AWARD SUMMARY
FISCAL YEARS 2014 - 2018

	FY2018		FY2017		FY2016		FY2015		FY2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
PRESIDENT										
AFFIRMATIVE ACTION										
PRESIDENT	0	0	0	0	0	0	0	0	0	0
OFFICE OF THE PROVOST										
BIOMEDICAL LIBRARIES	0	0	0	0	0	0	0	0	25,000	1
CENTER FOR HEALTH CARE DELIVERY SCIENCE (TDC)	0	0	0	0	1,477,619	4	687,284	2	35,625	1
DARTMOUTH ENTREPRENEURIAL NETWORK (DEN)	100,000	1	140,000	2	100,000	1	0	0	0	0
DICKEY CENTER	449,117	4	150,000	1	416,564	2	150,000	1	100,000	1
ENVIRONMENTAL HEALTH & SAFETY	0	0	0	0	5,000	1	5,000	1	5,000	1
ETHICS INSTITUTE	0	0	0	0	16,500	1	16,500	1	17,000	1
GRADUATE STUDIES	0	0	0	0	353,500	1	0	0	0	0
HOOD MUSEUM OF ART COLLECTIONS	160,000	1	0	0	0	0	0	0	0	0
HOOD MUSEUM OF ART	202,972	4	50,000	1	13,250	1	67,170	2	76,525	1
HOP VISITING ARTISTS	25,000	2	210,813	8	66,500	4	67,200	4	135,500	6
HOPKINS CENTER FOR THE ARTS	0	0	0	0	0	0	0	0	78,467	1
INSTITUTE FOR INFORMATION INFRASTRUCTURE PROTECTION (IIP)	0	0	0	0	123,145	2	1,061,416	2	2,012,836	1
INSTITUTE FOR SECURITY, TECHNOLOGY, AND SOCIETY (ISTS)	2,836,119	9	2,319,724	8	1,290,937	5	2,210,900	8	1,641,969	7
LIBRARY	0	0	0	0	0	0	0	0	0	0
OFFICE OF PLURALISM AND LEADERSHIP (OPAL)	5,000	1	0	0	0	0	0	0	0	0
OFFICE OF THE PROVOST	614,937	3	553,887	3	586,598	4	424,977	2	246,124	1
OFFICE OF THE PROVOST ADMIN	0	0	41,265	1	165,403	2	0	0	0	0
OUTDOOR PROGRAMS	0	0	45,149	1	0	0	0	0	0	0
SURGERY VA CONTRACT	78,156	1	0	0	0	0	0	0	0	0
W.J. TUCKER FOUNDATION										
OFFICE OF THE PROVOST	4,471,301	26	3,510,838	25	4,615,016	28	4,690,447	22	4,374,046	21
GUARINI SCHOOL OF GRAD. AND ADV. STUDIES										
GRADUATE STUDIES	373,000	1	373,000	1	0	0	0	0	0	0
GUARINI SCHOOL OF GRADUATE AND ADV STUDIES	373,000	1	373,000	1	0	0	0	0	0	0
THAYER SCHOOL										
BIOMEDICAL ENGINEERING	10,804,084	41	11,430,924	49	8,202,974	37	11,186,607	43	6,330,486	35
CHEMICAL & BIOCHEMICAL ENGINEERING	3,484,152	10	5,089,261	9	3,398,743	7	2,075,457	4	1,729,135	3
ELECTRICAL & COMPUTER ENGINEERING	1,681,710	15	2,547,055	13	2,595,853	18	2,037,425	17	2,701,169	15
ENVIRONMENTAL SCIENCES & ENGINEERING	303,898	5	326,992	3	358,315	2	264,909	5	281,714	4
MATERIAL SCIENCE & MECHANICAL ENGINEERING	6,454,535	25	8,115,610	22	5,040,819	18	6,728,990	14	6,712,176	15
THAYER SCHOOL ADMINISTRATION	0	0	0	0	0	0	0	0	0	0
THAYER SCHOOL	22,728,379	96	27,509,842	96	19,596,704	82	22,293,388	83	17,754,680	72
TUCK SCHOOL	67,754	2	2,500	1	46,606	1	0	0	0	0
TOTAL COLLEGE	203,043,519	736	207,251,765	730	220,458,588	730	224,539,807	710	209,599,057	755

OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
PROPOSAL SUMMARY
FISCAL YEARS 2014 - 2018

	FY 2018		FY 2017		FY 2016		FY 2015		FY 2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
ARTS & SCIENCES										
AMELL (ASIAN & MIDDLE EASTERN LANGUAGES AND LITERATURES)	26,896	2	5,000	1	16,110	1	0	0	299,154	1
AMES (ASIAN & MIDDLE EASTERN STUDIES)	0	0	229,187	1	408,559	2	0	0	0	0
ANTHROPOLOGY	1,206,102	12	1,054,063	11	808,922	10	14,533	1	226,497	3
ART HISTORY	5,101	1	8,263	1	0	0	149,058	2	195,345	1
ARTS & SCIENCES	0	0	0	0	2,039,133	1	12,536,955	8	0	0
BIOLOGICAL SCIENCES	23,322,992	37	23,783,225	32	14,999,307	20	20,092,677	28	13,351,307	34
CHEMISTRY	13,799,256	22	13,656,159	26	16,387,830	28	8,635,141	15	10,207,437	19
CLASSICAL STUDIES	658,343	3	0	0	644,831	3	167,552	1	0	0
COMPARATIVE LITERATURE	0	0	658,852	1	0	0	0	0	0	0
COMPUTER SCIENCE	25,110,292	35	10,983,109	25	12,206,125	20	5,145,453	16	5,505,452	13
DEAN OF FACULTY	497,500	1	0	0	74,943	1	0	0	0	0
EARTH SCIENCES	3,534,002	14	6,151,928	21	6,901,881	23	2,007,672	9	6,541,522	20
ECONOMICS	1,178,760	7	635,303	4	787,766	6	2,595,201	6	1,228,518	10
EDUCATION	364,545	5	1,760,551	7	3,115,116	9	3,936,326	5	1,871,146	8
ENGLISH	99,736	1	0	0	0	0	0	0	0	0
ENVIRONMENTAL STUDIES	3,996,292	7	6,637,247	10	2,794,782	5	1,913,323	6	4,258,995	9
FILM AND MEDIA STUDIES	1,694,154	5	2,602,547	4	2,007,203	4	706,043	6	7,773,291	10
FRENCH & ITALIAN	0	0	0	0	0	0	0	0	1,265,000	1
GEOGRAPHY	4,238,472	6	5,392,142	9	1,724,762	8	1,775,009	9	4,036,521	10
GERMAN STUDIES	0	0	0	0	0	0	136,071	1	0	0
GOVERNMENT	546,613	6	3,782,581	7	634,993	3	1,916,696	6	1,199,797	7
HISTORY	780,555	3	160,521	1	0	0	192,000	1	0	0
INSTITUTE FOR WRITING & RHETORIC	0	0	0	0	0	0	70,747	1	97,905	1
LESLIE HUMANITIES CENTER	0	0	0	0	0	0	0	0	115,000	1
LINGUISTICS & COGNITIVE SCIENCES	124,141	1	370,445	3	424,660	1	0	0	242,489	2
MATHEMATICS	15,228,138	16	5,895,465	17	7,026,989	13	5,457,477	12	2,518,026	10
NATIVE AMERICAN STUDIES	0	0	0	0	0	0	520,544	2	2,734,913	2
PHILOSOPHY	1,312,000	1	40,000	1	0	0	55,000	1	183,266	1
PHYSICS & ASTRONOMY	21,462,905	54	17,097,308	49	11,237,235	42	16,479,616	45	14,986,365	40
PSYCHOLOGICAL AND BRAIN SCIENCES	33,815,534	39	33,579,156	44	38,505,335	35	39,187,839	44	21,492,987	34
QUANTITATIVE SOCIAL SCIENCES	0	0	7,300	1	0	0	446,347	1	878,885	1
RELIGION	350,001	1	65,000	2	0	0	0	0	0	0
ROCKEFELLER CENTER	0	0	25,000	1	0	0	0	0	0	0
RUSSIAN	0	0	226,736	1	146,877	1	65,484	1	65,670	1
SOCIOLOGY	263,748	3	545,876	5	910,910	9	147,730	1	112,023	2
WILLIAM H. NEUKOM INSTITUTE FOR COMPUTATIONAL SCIENCE	0	0	0	0	0	0	34,721	1	35,000	1
ARTS & SCIENCES	153,616,078	282	135,352,964	285	123,804,269	245	124,385,215	229	101,422,511	242

OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
PROPOSAL SUMMARY
FISCAL YEARS 2014 - 2018

	FY 2018		FY 2017		FY 2016		FY 2015		FY 2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
CAMPUS SERVICES										
ENGINEERING AND UTILITIES	0	0	133,802	1	0	0	0	0	0	0
ENVIRONMENTAL HEALTH AND SAFETY	0	0	25,000	1	0	0	0	0	0	0
WOODLAND OFFICE	152,842	1	0	0	0	0	0	0	300,000	1
CAMPUS SERVICES	152,842	1	158,802	2	0	0	0	0	300,000	1
DEAN OF THE COLLEGE										
DEAN OF THE COLLEGE	0	0	0	0	0	0	0	0	4,750	1
LIBRARY	0	0	0	0	0	0	0	0	32,000	1
OUTDOOR PROGRAMS	0	0	0	0	45,149	1	39,894	1	0	0
DEAN OF THE COLLEGE	0	0	0	0	45,149	1	39,894	1	36,750	2
FINANCE AND ADMINISTRATION										
HUMAN RESOURCES OPERATIONS	0	0	0	0	164,191	1	0	0	0	0
FINANCE AND ADMINISTRATION	0	0	0	0	164,191	1	0	0	0	0
FINANCIAL AID	35,444,991	4	32,149,991	4	33,209,171	4	33,067,793	4	19,045,513	4
GEISEL SCHOOL OF MEDICINE										
ANESTHESIOLOGY	0	0	0	0	0	0	3,714,721	3	3,159,943	3
BIOCHEMISTRY	28,191,481	19	21,932,132	20	43,127,327	27	19,671,645	22	20,560,745	19
BIOMEDICAL RESEARCH	18,000	1	8,605,834	14	0	0	0	0	0	0
BIOSTATISTICS AND EPIDEMIOLOGY	0	0	0	0	0	0	460,351	1	4,451,740	2
CENTER FOR ENVIRONMENTAL HEALTH SCIENCES	0	0	0	0	0	0	41,200	2	0	0
CENTER FOR TECHNOLOGY AND BEHAVIORAL HEALTH (CTBH)	20,126,804	12	11,322,702	17	14,271,461	8	0	0	0	0
COMMUNITY & FAMILY MEDICINE	2,654,442	10	199,017	2	9,840,399	13	39,183,900	39	41,835,806	62
DATA SCIENCE	47,575,987	43	57,680,759	51	94,528,372	52	70,194,277	16	0	0
DMS DEAN'S OFFICE	0	0	70,675	1	0	0	0	0	0	0
EPIDEMIOLOGY	21,888,032	20	40,710,518	21	65,351,209	27	20,246,383	8	0	0
GENETICS	0	0	0	0	22,749,636	18	14,824,707	22	29,381,316	49
INFECTIOUS DISEASE	0	0	134,769	1	0	0	0	0	0	0
INSTITUTE FOR QUANTITATIVE BIOMEDICAL SCIENCES	0	0	0	0	0	0	9,402,497	6	25,403,017	8
MEDICINE	24,959,981	38	24,991,271	41	263,166,016	55	21,197,951	57	53,478,652	87
MICROBIOLOGY & IMMUNOLOGY	83,676,337	82	66,053,138	82	64,547,294	80	72,429,712	63	59,385,886	63
MOLEC & SYSTEMS BIOLOGY (MSB)	45,877,435	28	17,229,390	28	0	0	0	0	0	0
NEUROLOGY	5,203,257	16	12,168,036	17	9,794,032	15	10,096,653	12	5,254,120	14
NEW HAMPSHIRE-DARTMOUTH PSYCHIATRIC RESEARCH CENTER	0	0	359,708	1	18,394,104	23	35,091,312	20	13,331,449	8
NORRIS COTTON CANCER CENTER	31,163,144	47	29,254,592	41	49,420,743	55	41,723,645	41	21,332,289	15
OBSTETRICS & GYNECOLOGY	3,221,647	4	1,305,980	4	6,960,650	12	3,772,082	13	6,018,906	14
OFFICE OF MEDICAL EDUCATION	1,771,110	3	2,100	1	0	0	0	0	0	0
ORTHOPAEDIC SURGERY	1,722,242	8	23,081,363	15	7,871,985	6	0	0	503,663	5
PATHOLOGY	4,022,530	5	371,076	9	13,629,185	15	2,088,195	6	8,124,095	10
PEDIATRICS	1,074,622	10	3,132,253	12	6,645,671	15	4,614,214	23	30,979,663	28
PHARMACOLOGY & TOXICOLOGY	0	0	0	0	11,329,464	17	28,673,736	36	28,111,725	43
PHYSIOLOGY & NEUROBIOLOGY	0	0	3,217,804	4	12,573,439	18	13,823,082	20	22,362,931	21
PSYCHIATRY	45,988,100	40	39,463,871	56	34,295,303	44	42,377,797	55	54,260,422	49
RADIOLOGY	562,842	1	700,396	7	9,414,967	9	74,499,577	27	19,802,420	23
SURGERY	9,236,170	13	15,835,263	20	7,257,649	18	10,760,463	13	7,375,266	20
SYNERGY	0	0	170,998	1	23,579,357	1	68,098	1	0	0
SYNERGY ADMINISTRATION	1,428,079	2	0	0	0	0	0	0	0	0
THE DARTMOUTH INSTITUTE FOR HEALTH POLICY & CLINICAL PRACTICE	95,768,556	88	108,842,580	104	69,222,218	73	76,125,604	76	44,505,915	62
GEISEL SCHOOL OF MEDICINE	476,130,798	490	486,836,225	570	857,970,481	601	615,081,802	582	499,619,969	605

OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
PROPOSAL SUMMARY
FISCAL YEARS 2014 - 2018

	FY 2018		FY 2017		FY 2016		FY 2015		FY 2014	
	\$	#	\$	#	\$	#	\$	#	\$	#
OFFICE OF THE PROVOST										
BIOMEDICAL LIBRARIES	0	0	0	0	0	0	0	0	25,000	1
CENTER FOR HEALTH CARE DELIVERY SCIENCE	0	0	0	0	0	0	89,632	1	2,698,630	4
DARTMOUTH ENTREPRENEURIAL NETWORK (DEN)	0	0	40,000	1	0	0	300,000	1	0	0
DICKEY CENTER	244,966	4	1,614,796	4	613,898	5	150,000	1	820,000	9
DIV OF STUDENT AFFAIRS (DOS)	10,000	1	0	0	0	0	0	0	0	0
ENVIRONMENTAL HEALTH & SAFETY	0	0	0	0	0	0	0	0	25,000	1
HOOD MUSEUM OF ART COLLECTIONS	280,965	1	0	0	0	0	0	0	0	0
HOOD MUSEUM OF ART	890,545	3	349,669	4	0	0	15,000	1	0	0
HOP VISITING ARTISTS	134,000	5	155,242	11	132,000	4	112,200	5	143,000	7
HOPKINS CENTER FOR THE ARTS	0	0	0	0	0	0	0	0	400,000	1
INSTITUTE FOR INFORMATION INFRASTRUCTURE PROTECTION (I3P)	0	0	0	0	0	0	51,294	1	837,206	2
INSTITUTE FOR SECURITY, TECHNOLOGY, AND SOCIETY (ISTS)	7,757,716	7	701,765	5	3,858,474	6	4,135,028	6	2,304,123	12
LIBRARIES	0	0	0	0	10,000	1	32,000	1	0	0
OFFICE OF THE PROVOST	73,303	1	105,404,159	4	456,671	5	300,000	1	1,452,884	1
OFFICE OF THE PROVOST ADMIN	0	0	253,465	1	10,000	1	0	0	0	0
PROVOST & DEAN OF THE COLLEGE FINANCE CENTER	0	0	0	0	0	0	498,272	1	0	0
RESEARCH COMPUTING	4,981,426	1	0	0	0	0	0	0	0	0
STUDENT LIFE	10,000	1	0	0	0	0	0	0	0	0
TUCKER FOUNDATION	0	0	0	0	0	0	0	0	8,500	1
OFFICE OF THE PROVOST	14,382,921	24	108,519,096	30	5,081,043	22	5,683,426	19	8,714,343	39
GUARINI SCHOOL OF GRAD. AND ADV. STUDIES										
GRADUATE STUDIES	368,000	1	0	0	0	0	0	0	0	0
GUARINI SCHOOL OF GRAD. AND ADV. STUDIES	368,000	1	0	0	0	0	0	0	0	0
THAYER SCHOOL										
ACAD RELATION TEACHING FACULTY	0	0	0	0	0	0	2,916	1	0	0
BIOMEDICAL ENGINEERING	61,244,693	81	51,407,796	73	34,808,277	40	3,176,054	9	58,430,721	57
BIOCHEMISTRY ENGINEERING	937,457	2								
CHEMICAL & BIOCHEMICAL ENGINEERING	9,132,363	13	13,674,959	9	7,296,458	10	244,664	3	3,690,411	6
ELECTRICAL & COMPUTER ENGINEERING	4,619,777	17	20,699,948	16	9,082,508	11	1,710,010	3	5,323,964	17
ENVIRONMENTAL SCIENCES & ENGINEERING	167,268	1	2,129,613	5	0	0	2,149,984	2	1,575,389	8
MATERIAL SCIENCE & MECHANICAL ENGINEERING	52,348,098	52	21,053,893	54	8,433,173	18	14,807,353	6	50,449,023	46
THAYER SCHOOL OF ENGINEERING	3,845,964	1	570,000	2	59,853,487	95	85,123,306	135	0	0
THAYER SCHOOL	132,295,620	167	109,536,209	159	119,473,903	174	107,214,287	159	119,469,508	134
TUCK SCHOOL										
EXEC PROG TUCK	0	0	495,800	1	0	0	0	0	0	0
SENIOR ASSOC DEAN'S OFFICE TUCK	300,000	1	0	0	0	0	0	0	0	0
TUCK SCHOOL OF BUSINESS	270,225	3	108,484	2	71,606	2	0	0	0	0
TUCK SCHOOL	570,225	4	604,284	3	71,606	2	0	0	0	0
TOTAL COLLEGE	812,961,475	973	873,157,571	1,053	1,139,819,813	1,050	885,472,417	994	748,608,594	1,027

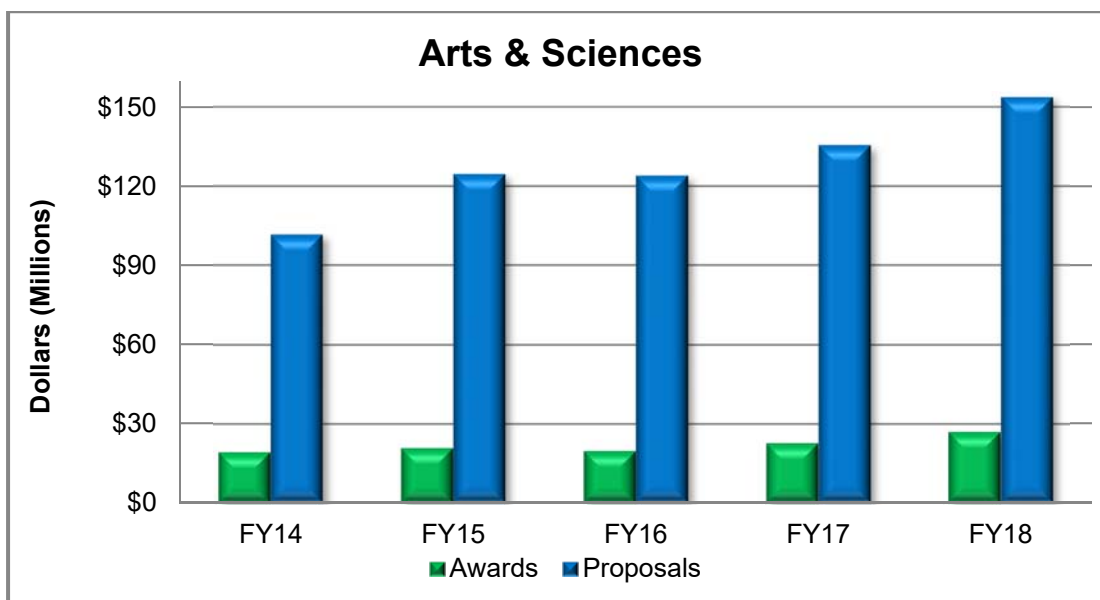
Arts and Sciences

Award and Proposal Detail

During fiscal year 2018, Arts and Sciences managed 178 sponsored projects. Proposal dollars increased 14% and awards increased 19% from fiscal year 2017. Table 1 identifies sponsoring agencies awarding more than \$1,000,000 during 2018. Table 2 categorizes Direct and Indirect awards by purpose. Table 3 displays a five-year comparison of awards and proposals. Charts on the following pages show the distribution of awards and proposals among departments and the portion of funding by sponsoring agencies.

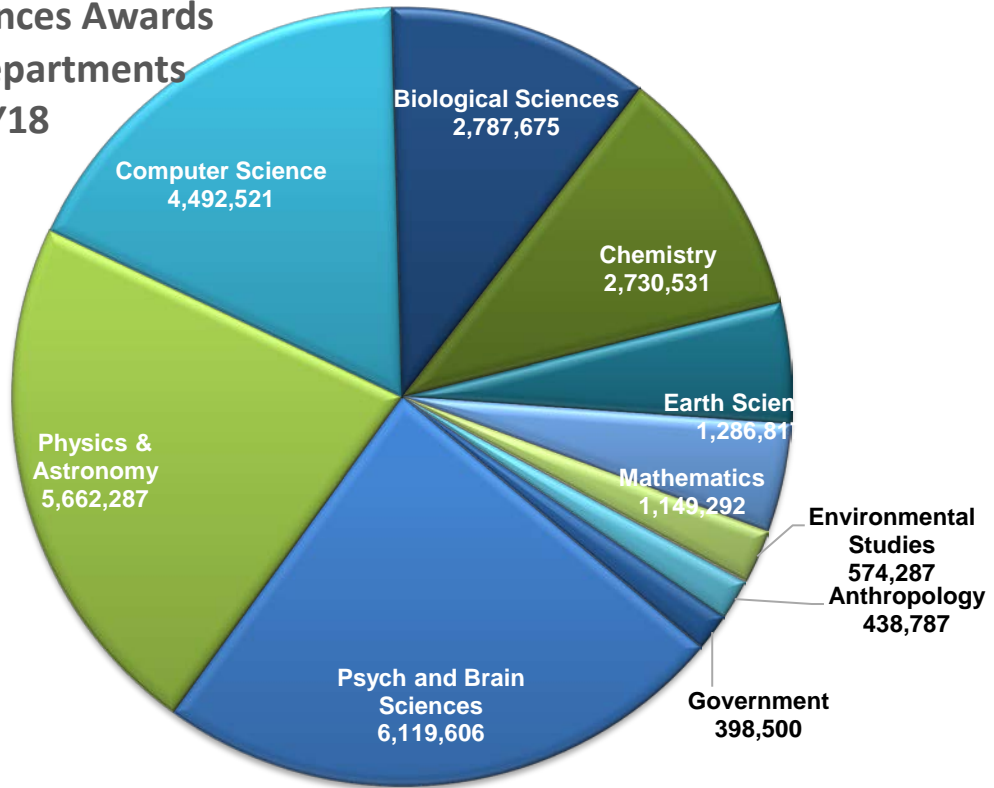
Agency	Award Amount
NSF	7,558,288
DHHS	5,760,751
ED-PVT	2,788,430
FDN	2,774,679
ED-PUB	2,730,098
NASA	2,057,329
DOD	1,096,114

Purpose	Direct	Indirect	Total
Research	17,345,898	7,327,385	24,673,283
Other	1,920,739	192,117	2,112,856
Equipment	38,400	0	38,400
Total	\$19,305,037	\$7,519,502	\$26,824,539

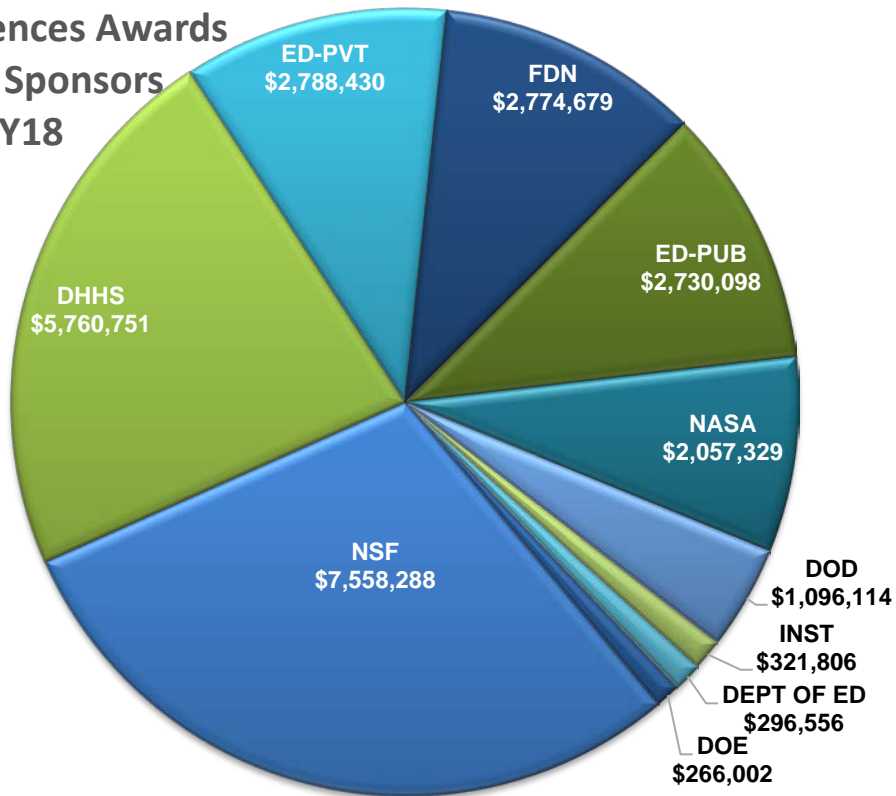


	FY14	FY15	FY16	FY17	FY18
Awards	\$19,127,508	\$20,729,655	\$19,641,325	\$22,535,184	\$26,824,539
Proposals	\$101,422,511	\$124,385,215	\$123,804,269	\$135,352,964	\$153,616,078

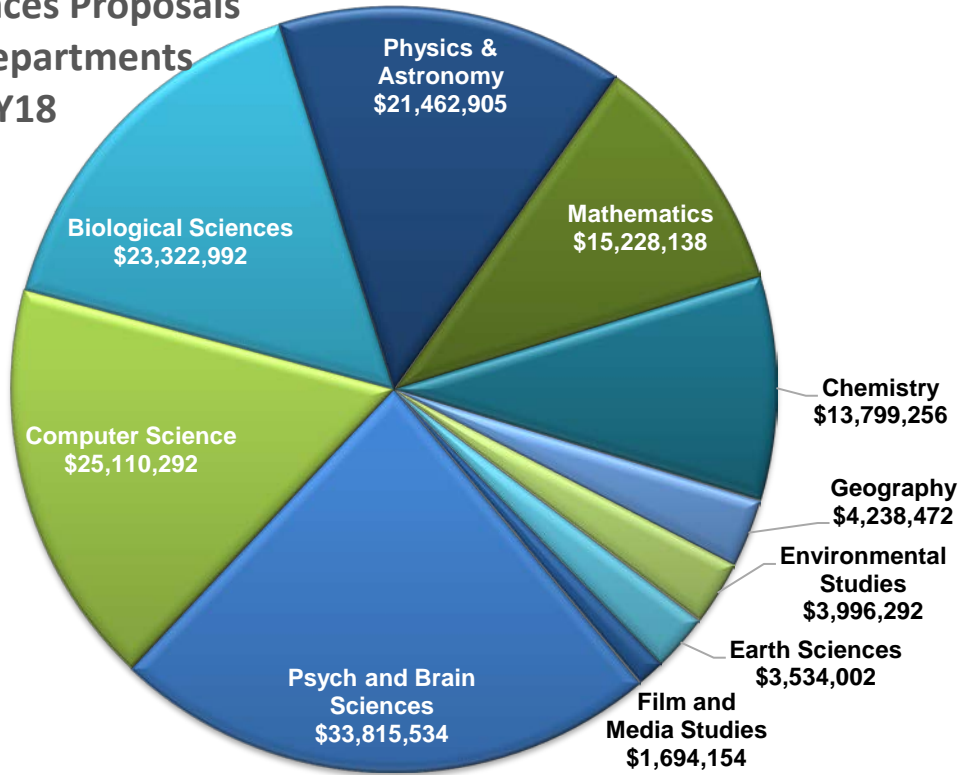
**Arts & Sciences Awards
Top 10 Departments
FY18**



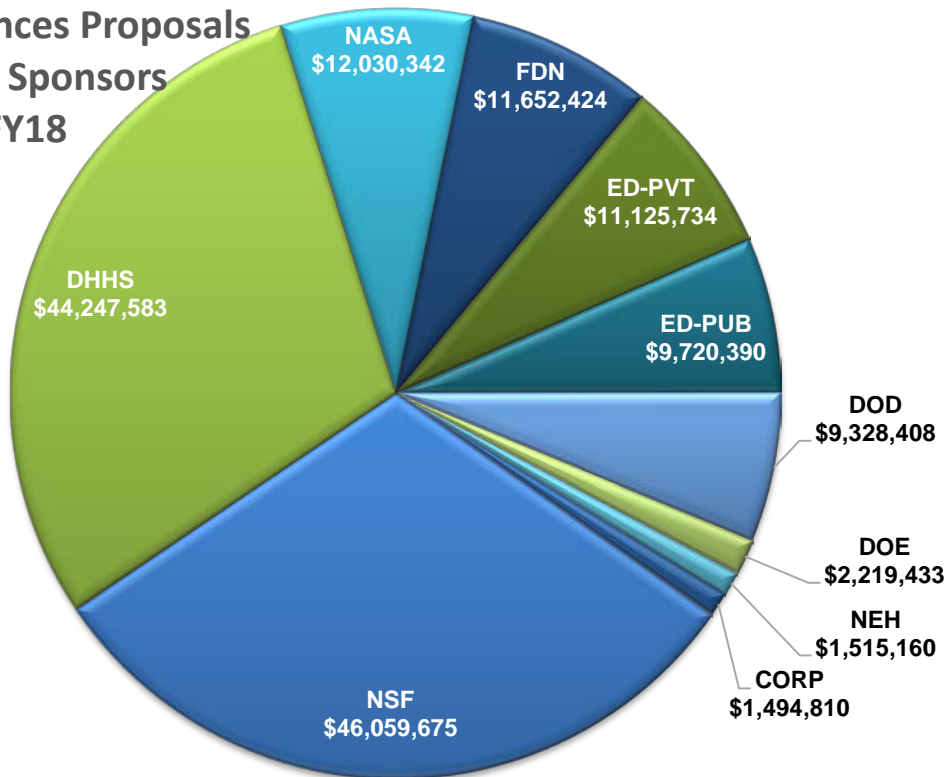
**Arts & Sciences Awards
Top 10 Sponsors
FY18**



**Arts & Sciences Proposals
Top 10 Departments
FY18**



**Arts & Sciences Proposals
Top 10 Sponsors
FY18**



ARTS AND SCIENCES
Departmental Award Analysis
Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
AMELL	5,370	0	5,370	1,200	0	1,200	-78%		-78%
Anthropology	119,761	24,542	144,303	336,903	101,884	438,787	181%	315%	204%
Biological Sciences	2,289,895	908,435	3,198,330	2,093,190	694,485	2,787,675	-9%	-24%	-13%
Chemistry	820,896	469,323	1,290,219	1,764,194	966,337	2,730,531	115%	106%	112%
Classical Studies	0	0	0	220,653	0	220,653			
Computer Science	1,467,899	794,198	2,262,097	2,945,857	1,546,664	4,492,521	101%	95%	99%
Dean of Faculty Office	38,000	0	38,000	99,000	0	99,000	161%		161%
Earth Sciences	1,206,330	606,905	1,813,235	867,287	419,530	1,286,817	-28%	-31%	-29%
Economics	264,915	37,815	302,730	358,894	17,047	375,941	35%	-55%	24%
Education	159,544	54,898	214,442	136,251	51,631	187,882	-15%	-6%	-12%
Environmental Studies	758,047	192,492	950,539	481,228	93,059	574,287	-37%	-52%	-40%
Film and Media Studies	218,138	113,546	331,684	0	0	0	-100%	-100%	-100%
Geography	81,581	43,903	125,484	109,775	56,426	166,201	35%	29%	32%
Government	468,545	85,344	553,889	336,025	62,475	398,500	-28%	-27%	-28%
Institute for Writing and Rhetoric	17,084	7,802	24,886	17,330	7,955	25,285	1%	2%	2%
Leslie Hum Center	-27,600	0	-27,600	0	0	0			
Linguistics and Cognitive Science	103,706	38,291	141,997	18,328	5,846	24,174	-82%	-85%	-83%
Mathematics	1,048,695	90,636	1,139,331	899,967	249,325	1,149,292	-14%	175%	1%
Philosophy	40,000	0	40,000	0	0	0	-100%		-100%
Physics & Astronomy	3,838,095	1,260,100	5,098,195	4,154,159	1,508,128	5,662,287	8%	20%	11%
Psychological and Brain Sciences	3,340,745	1,379,109	4,719,854	4,380,896	1,738,710	6,119,606	31%	26%	30%
Religion	65,000	0	65,000	83,900	0	83,900	29%		29%
Sociology	88,893	14,306	103,199	0	0	0	-100%	-100%	-100%
TOTAL	16,413,539	6,121,645	22,535,184	19,305,037	7,519,502	26,824,539	18%	23%	19%

Awards Received Fiscal Year 2018

AMELL

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Schmidt-Hori, Sachi	PI	Japan Foundation New York	Foundation	Visualizing Texts, Reading Images Workshop I: Representations of the Body and Gender in Illustrated Texts of Pre-Meiji Japan	1,200
Grand Total					1,200

Awards Received Fiscal Year 2018

Anthropology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Carpenter-Song, Elizabeth A	PI	Trailhead Institute	Institution	Developing a Research and Engagement Agenda at the Margins (Project DREAM): Engaging Low-Income Rural Community Members to Improve Mental Health	24,978
Casana, Jesse J	PI	American Council of Learned Societies (ACLS)	Professional/Technical Association	The CORONA Atlas Project: Expanding Access to Historic Imagery on Global Scale	50,000
		National Endowment for the Humanities (NEH)	Federal Government	Exploring Archaeological Landscapes through Advanced Aerial Thermal Imaging	154,193
		National Science Foundation (NSF)	Federal Government	The Role of Highland-Lowland Interactions in the Development of Social Complexity	142,604
		University of Arkansas (UARK)	Educational Institution	Expanding Collaborative Opportunities for Research in Archaeo-Geomatics and Archaeo-Geophysics through SPARC	28,253
DeSilva, Jeremy M	PI	National Science Foundation (NSF)	Federal Government	Doctoral Dissertation Research: Plantigrady in the Primate Foot	21,705
McNutt, Ellison J.	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Doctoral Dissertation Research: Plantigrady in the Primate Foot	
Ogden, Laura A	PI	USDA Forest Service Northern Research Station	Federal Government	BES Ethnographies of Place, Forests, and Urban Ecology Student Research Collaboration	15,054
Tan, Wei Yi Amanda	PI	American Society of Primatologists (ASP)	Professional/Technical Association	Using stable isotopes to measure the nutritional advantage of stone-tool use by coastal foraging long-tailed macaques	2,000
Grand Total					438,787

Awards Received Fiscal Year 2018

Biological Sciences

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ayres, Matthew P	PI	Cary Institute of Ecosystem Studies	Institution	Long-Term Ecological Research at the Hubbard Brook Experimental Forest	81,000
		US Department of Agriculture (USDA)	Federal Government	Southern pine beetle range expansion: Forecasting SPB population dynamics and impacts of disturbance interactions on future forests of New York, New Jersey and New England	23,433
		USDA, Forest Service (FS)	Federal Government	Intercontinental comparisons of ecology and impacts from an invasive forest insect: the case of the European woodwasp, <i>Sirex noctilio</i>	68,631
	Co-PD/PI	National Science Foundation (NSF)	Federal Government	MRI: Acquisition of an Acoustic Camera for Multidisciplinary Research and Teaching at Dartmouth College	
Bezanilla, Magdalena	PI	National Science Foundation (NSF)	Federal Government	A Molecular Link Between Actin and Exocytosis	87,093
				Mechanistic studies of plasmodesmal permeability	138,241
Bickel, Sharon E	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Regulation of Sister-Chromatid Cohesion in Meiosis	365,312
Calsbeek, Ryan G	PI	National Science Foundation (NSF)	Federal Government	Adaptive decoupling in the evolution of complex life-histories	109,791
		Department of Education (OED)	Federal Government	Increasing Graduate Education in the Biological Sciences	
	Co-PD/PI	National Science Foundation (NSF)	Federal Government	MRI: Acquisition of an Acoustic Camera for Multidisciplinary Research and Teaching at Dartmouth College	
Casey, Michael A	Co-PD/PI	National Science Foundation (NSF)	Federal Government	MRI: Acquisition of an Acoustic Camera for Multidisciplinary Research and Teaching at Dartmouth College	
Chen, Celia Y	PI	New Hampshire Sea Grant College Program	Educational Institution	Evaluating the risks and benefits of fish consumption in the Gulf of Maine	43,168
		US Department of the Interior	Federal Government	Role of dissolved organic carbon in mercury bioavailability in stream ecosystems	
Cottingham, Kathryn L	PI	National Science Foundation (NSF)	Federal Government	Cottingham NSF IPA	239,380
		US Department of the Interior	Federal Government	Role of dissolved organic carbon in mercury bioavailability in stream ecosystems	57,998
Dominy, Nahaniel J	Co-PD/PI	National Science Foundation (NSF)	Federal Government	MRI: Acquisition of an Acoustic Camera for Multidisciplinary Research and Teaching at Dartmouth College	
Griffin, Erik E	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanisms of Spatial Organization in the Cytoplasm	317,038
Lee, Wei Lih	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanism of Dynein-Mediated Spindle Positioning	169,065
McClung, C Robertson	PI	Gyeongsang National University	Educational Institution	The Analysis Of Natural Variation To Identify Critical Components Of The Cold Tolerance Network In Brassica Rapa	29,794
		University of Maryland Baltimore County	Educational Institution	Molecular Basis of Crosstalk between the Circadian Clock and Innate Immunity to Arabidopsis	47,881
		University of Wyoming	Educational Institution	Genomics, metabolomics, physiological and high throughput phenotyping predict growth and yield across diverse genotypes, temperature and drought stress	139,804
Peterson, Kevin J	PI	Massachusetts Institute of Technology (MIT)	Educational Institution	Foundations of Complex Life: Evolution, Preservation, and Detection on Earth and Beyond	35,865
Pries, Caitlin E	PI	Lawrence Berkeley National Laboratory	Federal Government	Associated Particle Imagine (API) for Non-Invasive Determination of Carbon Distribution in Soil	19,307
Schaller, George E	PI	Department of Education (OED)	Federal Government	Increasing Graduate Education in the Biological Sciences	296,556
Sloboda, Roger D	PI	University of North Carolina at Chapel Hill (UNC-CH)	Educational Institution	Septin Assembly and Membrane Organization	14,886
Smith, Elizabeth F	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Molecular Mechanisms of Ciliary Motility	307,800
ter Hofstede, Hannah	PI	National Science Foundation (NSF)	Federal Government	MRI: Acquisition of an Acoustic Camera for Multidisciplinary Research and Teaching at Dartmouth College	38,400
		Co-PD/PI	Cary Institute of Ecosystem Studies	Institution	Long-Term Ecological Research at the Hubbard Brook Experimental Forest
Zhaxybayeva, Olga	PI	Simons Foundation	Foundation	Evolutionary Dynamics of Gene Transfer Agents and Their Role in the Emergence of Cooperation	132,000
		University of Connecticut (Uconn)	Educational Institution	Epigenetics, DNA Uptake, and Phosphorous Cycling are Intertwined Processes in the Hypersaline Adapted Archaeal Class Halobacteria	25,232
Grand Total					2,787,675

Awards Received Fiscal Year 2018

Chemistry

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Abrahamian, Ivan	PI	Army Research Office (DoD ARO)	Federal Government	Dynamic Control of Self-Organized Assemblies using Near Infrared and Visible Light Activated Azo-BF2 Switches	60,000
		National Science Foundation (NSF)	Federal Government	Switching beyond the Molecule using Hydrazones	140,000
				Collaborative Research: Hydrazone-Based Solid-State Light Emitters	134,799
Fiering, Steven N	Co-I	Inhiprot, LLC	Corporation	Novel Inhibitors of PSMB7 and PSMB10 for the Treatment of Multiple Myeloma	
Glueck, David S	PI	National Science Foundation (NSF)	Federal Government	Metal-Catalyzed Asymmetric Synthesis of P-Stereogenic Heterocycles	150,000
Ke, Chenfeng	PI	American Chemical Society, Petroleum Research Fund (ACS PRF)	Foundation	Hydrogen Bond Directed Synthesis of Covalent Organic Framework Materials	55,000
Kelley, Anne R	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Design and Synthesis of Small-Molecule Inhibitors of Enteropathogenic Bacterial Virulence	44,044
Kull, F Jon	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Structural regulation and response to bile salt induced stress of the Vibrio cholerae virulence factor ToxR and its binding partner ToxS	204,583
Lipson, Jane E	PI	National Science Foundation (NSF)	Federal Government	Thermodynamic and Dynamic Behaviour in Polymer Melts, Glasses, and Mixtures: Links to Structure Using Theory and Simulation	109,999
Micalizio, Glenn C	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Studies in Natural Product Synthesis	560,520
				Stereoselective Synthesis via Metallacycle-Mediated Bond Construction	348,301
Midgett, Charles R	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Structural regulation and response to bile salt induced stress of the Vibrio cholerae virulence factor ToxR and its binding partner ToxS	
Mirica, Katherine A	PI	Alfred P. Sloan Foundation	Foundation	Porous Scaffolds for Electrochemically-Driven Chemical Purifications and Transformations	32,500
		Army Research Office (DoD ARO)	Federal Government	Magneto-electronic Sensors for Gasotransmitters	140,000
Pellegrini, Maria	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Structural regulation and response to bile salt induced stress of the Vibrio cholerae virulence factor ToxR and its binding partner ToxS	
Pletnev, Alexandre	PI	Inhiprot, LLC	Corporation	Novel Inhibitors of PSMB7 and PSMB10 for the Treatment of Multiple Myeloma	130,797
Pletneva, Ekaterina	PI	National Science Foundation (NSF)	Federal Government	Heme Propionates as Proton Transfer Sites in Biological Redox Reactions	150,000
Skorupski, Karen A	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Structural regulation and response to bile salt induced stress of the Vibrio cholerae virulence factor ToxR and its binding partner ToxS	
Wilcox, Dean E	PI	National Science Foundation (NSF)	Federal Government	Thermodynamics of Metal-Protein Interactions	132,663
Wu, Jimmy	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Synthesis and Target Identification of Potent GLP1 Secretagogues	337,325
Grand Total					2,730,531

Awards Received Fiscal Year 2018

Classical Studies

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Hruby, Julie A	PI	Mellon Foundation	Foundation	Mellon New Directions Fellowship	220,653
Grand Total					220,653

Awards Received Fiscal Year 2018

Computer Science

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Audia, Pino G	Co-I	University of Notre Dame	Educational Institution	Comprehensive Approach to Understanding Workplace Productivity	
Bailey-Kellogg, Christopher J	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Functional Deimmunization of Therapeutic Proteins	480,496
Balkcom, Devin	PI	Dubai Future Foundation	Foundation	Automated Construction Using Interlocking Blocks	15,991
Bratus, Sergey L	PI	Defense Advanced Research Projects Agency (DoD DARPA)	Federal Government	Bratus IPA Agreement	294,800
Campbell, Andrew T	PI	University of Notre Dame	Educational Institution	Comprehensive Approach to Understanding Workplace Productivity	517,029
		University of Washington (UW)	Educational Institution	Mobile RDoC: Using Smartphone Technology to Understand Auditory Verbal Hallucinations	176,866
Chakrabarti, Amit	PI	National Science Foundation (NSF)	Federal Government	AF: EAGER: Data Streaming with a View Towards Cloud Computing	150,654
Chakrabarty, Deeparnab	PI	National Science Foundation (NSF)	Federal Government	AF: SMALL: Collaborative Research: A Theory of High Dimensional Property Testing	129,191
Farid, Hany	PI	Department of Justice, National Institute of Justice (NIJ)	Federal Government	Degrade It	49,511
		Kitware Inc.	Corporation	Photons, Pixels, Photoshop and the Internet: Analyzing the LifeCycle Integrity of Visual Media	77,253
Fiering, Steven N	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Functional Deimmunization of Therapeutic Proteins	
Grigoryan, Gevorg	PI	National Science Foundation (NSF)	Federal Government	DMREF: Collaborative Research: Helical Protein Assemblies by Design	126,230
				Structure-Function Analysis of Ethylene Receptors	300,000
Griswold, Karl E	Co-PD/PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Functional Deimmunization of Therapeutic Proteins	
Liu, Qiang	Co-I	University of Notre Dame	Educational Institution	Comprehensive Approach to Understanding Workplace Productivity	
Loeb, Lorie	PI	Real Estate Exchange (REX)	Corporation	REX Dashboard	16,500
Schaller, George E	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Structure-Function Analysis of Ethylene Receptors	
Subrahmanian, Venkatramanan S	PI	George Mason University (GMU)	Educational Institution	Believable Fake Scientific Document Generation by Exploring Data Semantics	470,136
				ASSERT: Automated Security System Event Response Techniques	398,788
				Generating Documents that are Consistent with a Knowledge Base	410,226
		University of Maryland - College Park	Educational Institution	A Computational Predictive Model of Boko Haram	274,736
				HATS: Hypergraph Analytics of Terrorism Splits	240,705
				Functional Targeting of Terror Networks: A Big Data Approach	100,884
				SCAN: Socio-Cultural Attitudinal Networks	150,082
Zhou, Xia	PI	National Science Foundation (NSF)	Federal Government	CAREER: Ubiquitous Sensing Using Computational Light	112,443
Grand Total					4,492,521

Awards Received Fiscal Year 2018

Dean of Faculty Office

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Will, Barbara E	PI	Mellon Foundation	Foundation	Mellon Mays Undergraduate Fellowship Renewal	99,000
Grand Total					99,000

Awards Received Fiscal Year 2018

Earth Sciences

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Courville, Zoe R	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Science Coordination Office for Summit Station/ISI Observatory and the Greenland Traverse	
Cui, Ying	PI	University of Louisiana at Lafayette	Educational Institution	Development of New High-resolution pCO2 Records for Quantifying Earth System Climate Sensitivity	40,668
Doughty, Alice M	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Assessing the Response of Tropical Temperature to Global Forcings Since the Last Glacial Maximum	
Gibson, Timothy M	PI	Agouron Institute	Foundation	Tonian Geobiology of Svalbard	70,000
Hawley, Robert L	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Science Coordination Office for Summit Station/ISI Observatory and the Greenland Traverse	69,582
				Collaborative Research: Characterization of Upstream Ice and Firn Dynamics affecting the South Pole Ice Core	218,521
				Collaborative Research: Influence of natural ice microstructure on rheology in general shear: in-situ studies in the Alaska Range	65,161
Kelly, Meredith A	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Assessing the Response of Tropical Temperature to Global Forcings Since the Last Glacial Maximum	135,061
Magilligan, Francis J	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Watershed Resilience, Channel Stability, and the Pathways and Timeframes of Geomorphic Recovery	
Osterberg, Erich C	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: South Pole Ice Core Chronology and Climate Records using Chemical Microparticle Measurements	100,213
	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Characterization of Upstream Ice and Firn Dynamics affecting the South Pole Ice Core	
Renshaw, Carl E	PI	National Science Foundation (NSF)	Federal Government	Watershed Resilience, Channel Stability, and the Pathways and Timeframes of Geomorphic Recovery	107,360
				The Impact of Changing Flood Frequency on Sediment Connectivity Between Channels and the Riparian Margins	111,126
Sharma, Mukul	PI	National Aeronautics and Space Administration (NASA)	Federal Government	Determination of Osmium Concentration and Isotope Composition of Solar Corona Using Genesis Samples	108,000
Strauss, Justin V	PI	American Chemical Society, Petroleum Research Fund (ACS PRF)	Foundation	Neoproterozoic Analogs to Mg-silicate-bearing Petroleum Basins	55,000
	PI	National Geographic Society (NGS)	Foundation	The Neoproterozoic of Svalbard: A Critical Archive of Ancient Seawater Chemistry and Animal Evolution	15,000
	PI	National Science Foundation (NSF)	Federal Government	Large-scale Terrane Displacement in the Arctic: Evidence from Faults in the Northern Yukon	93,620
Collaborative Research: Displacement History of the Pearya Terrane, Ellesmere Island - Evaluating a Strike-slip Origin for the Canadian Arctic Margin				30,027	
Taylor, Vivien F	PI	National Science Foundation (NSF)	Federal Government	R11 Track-4: Deciphering sources and accumulation pathways of mercury in the tributaries and lake of a forested watershed using stable mercury isotopes	67,478
Grand Total					1,286,817

Awards Received Fiscal Year 2018

Economics

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Allen, David W	PI	Alfred P. Sloan Foundation	Foundation	Allen 2018 Sloan Research Fellowship	32,500
Dinkelman, Taryn L	PI	Institute for the Study of Labor (IZA)	Institution	Labor migration and structural change in rural labor markets: Evidence from Malawi	59,766
Novosad, Paul	PI	Institute for the Study of Labor (IZA)	Institution	The urban geography of entrepreneurship and growth in India	86,859
		London School of Economics and Political Science	Educational Institution	The cost of road construction in rural Tanzania: Random audits and the contractor performance	12,414
				How do Rural Roads Affect Local Firms and Development? Evidence From India	14,695
Staiger, Douglas O	PI	Harvard University	Educational Institution	Faster, Cheaper Evidence-Gathering for U.S. Education	169,707
Grand Total					375,941

Awards Received Fiscal Year 2018

Education

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Haxby, James V	Co-I	National Science Foundation (NSF)	Federal Government	Collaborative research: Neural and cognitive strengthening of conceptual knowledge and reasoning in classroom-based spatial education	
Kang, Sean H	PI	National Endowment for Financial Education (NEFE)	Foundation	Making it Stick: Using Cognitive Science and Technology to Enhance the Impact of Financial Education	80,367
Kraemer, David J	PI	National Science Foundation (NSF)	Federal Government	Collaborative research: Neural and cognitive strengthening of conceptual knowledge and reasoning in classroom-based spatial education	107,515
Grand Total					187,882

Awards Received Fiscal Year 2018

Environmental Studies

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Cottingham, Kathryn L	Co-PD/PI	National Aeronautics and Space Administration (NASA)	Federal Government	Interactive Effects of Catchment and Climate Change on Water Quality in Forested North Temperate Lakes: Historic Trends and Future Predictions	
Lutz, David A	PI	National Aeronautics and Space Administration (NASA)	Federal Government	Interactive Effects of Catchment and Climate Change on Water Quality in Forested North Temperate Lakes: Historic Trends and Future Predictions	504,111
		USDA, Forest Service (FS)	Federal Government	Quantifying Point-Scale Water Response to Forest Management To Understand the Cumulative Regional Impact	28,253
Virginia, Ross A	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: ANTarctic Airborne ElectroMagnetics (ANTAEM) - Revealing Subsurface Water in Coastal Antarctica	41,923
Grand Total					574,287

Awards Received Fiscal Year 2018

Geography

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Winter, Jonathan M	PI	Michigan State University (MSU)	Educational Institution	Developing and Promoting Water-, Nutrient-, and Climate-smart Technologies to Help Agricultural Systems Adapt to Climate and Societal Change	50,539
				INFEWS/T1: Developing Pathways Toward Sustainable Irrigation across the United States	36,287
		University of Vermont (UVM)	Educational Institution	Lake Champlain Basin Resilience to Extreme Weather Events	79,375
Grand Total					166,201

Awards Received Fiscal Year 2018

Government

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Benjamin, Daniel	Co-I	Carnegie Corporation	Foundation	Dartmouth Post-Doctoral Program in US Foreign Policy and International Security	
Ferwerda, Jeremy A	PI	International Republican Institute	Institution	Syria Social Network Analysis	61,000
Nyhan, Brendan J	PI	National Academy of Sciences	Institution	Evaluating New Approaches to Promoting Vaccination	37,500
Press, Daryl G	PI	Carnegie Corporation	Foundation	Dartmouth Post-Doctoral Program in US Foreign Policy and International Security	300,000
Wohlforth, William C	Co-I	Carnegie Corporation	Foundation	Dartmouth Post-Doctoral Program in US Foreign Policy and International Security	
Grand Total					398,500

Awards Received Fiscal Year 2018

Institute for Writing and Rhetoric

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Donahue, Christiane K	PI	National Science Foundation (NSF)	Federal Government	The Role of Instructor and Peer Feedback in Improving the Cognitive, Interpersonal, and Intrapersonal Competencies of Student Writers in STEM Courses	25,285
Sloboda, Roger D	Co-PD/PI	National Science Foundation (NSF)	Federal Government	The Role of Instructor and Peer Feedback in Improving the Cognitive, Interpersonal, and Intrapersonal Competencies of Student Writers in STEM Courses	
Grand Total					25,285

Awards Received Fiscal Year 2018

Linguistics and Cognitive Science

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Peterson, David A	PI	National Science Foundation (NSF)	Federal Government	A salvage documentation for Rengmitca	24,174
Grand Total					24,174

Awards Received Fiscal Year 2018

Mathematics

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Elizalde, Sergi	PI	Simons Foundation	Foundation	Patterns in permutations and dynamical systems	7,000
Fu, Feng	PI	Gallup Inc	Corporation	Next Generation Social Science NGS2	16,523
Gelb, Anne E	PI	Air Force Office of Scientific Research (DoD AFOSR)	Federal Government	Improving robustness, efficiency and accuracy of synthetic aperture radar (SAR) imaging techniques using multi-measurement vectors	44,824
		National Science Foundation (NSF)	Federal Government	Collaborative Research: An Integrated Approach to Convex Optimization Algorithms	13,867
Orellana, Rosa C	PI	National Science Foundation (NSF)	Federal Government	Combinatorial Representation Theory	37,895
Pauls, Scott D	PI	Barnard College	Educational Institution	RUI: Mapping physical networks to functional networks in SCN oscillation	166,781
Petkova, Tsvetelina V	PI	National Science Foundation (NSF)	Federal Government	Extensions of Heegaard Floer Homology and Applications to Topology	70,099
Rockmore, Daniel N	PI	National Science Foundation (NSF)	Federal Government	Rural Gateways: Fostering the Development of Rural Librarians as Informal Science Facilitators	413,089
		The MITRE Corporation	Institution	Navigating the Law - A Machine Learning Approach	99,962
Sutton, Craig J	PI	Simons Foundation	Foundation	Problems in Inverse Spectral Geometry	14,000
Voight, John	PI	Simons Foundation	Foundation	Arithmetic, geometry, number theory, and computation	175,253
Winkler, Peter	PI	National Science Foundation (NSF)	Federal Government	Large Permutations	89,999
Grand Total					1,149,292

Awards Received Fiscal Year 2018

Physics and Astronomy

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Blencowe, Miles P	PI	National Science Foundation (NSF)	Federal Government	Superconducting Circuits and Macroscopic Quantum States of Light and Sound	103,022
Caldwell, Robert R	PI	Department of Energy (DOE)	Federal Government	Dartmouth Theory Group at the Cosmic Frontier: The Origin and Nature of our Universe	130,000
Chaboyer, Brian C	PI	National Aeronautics and Space Administration (NASA)	Federal Government	Insights into Globular Cluster Multiple Populations from Self Consistent Stellar Models	136,234
Denton, Richard E	PI	National Aeronautics and Space Administration (NASA)	Federal Government	Orientation, Velocity, and Structure of Reconnecting Regions	256,500
		National Science Foundation (NSF)	Federal Government	Collaborative Research: GEM Investigation of the excitation and propagation of fast magnetosonic waves and their effect on radiation belt electrons	37,559
Fesen, Robert A	PI	Space Telescope Science Institute	Institute	Mapping Calcium Rich Ejecta in Two Type Ia Supernovae	49,783
				The Mysterious High-Velocity Ejecta Jets in Cassiopeia A	20,976
				An HST Survey of Cassiopeia A's Reverse Shock, High-Velocity Ejecta, and Shocked Clouds of Pre-SN Mass Loss	12,316
Funnell, Margaret G	Co-PD/PI	University of New Hampshire (UNH)	Educational Institution	The New Hampshire Space Grant Consortium	
Gleiser, Marcelo	PI	John Templeton Foundation	Foundation	The Institute for Cross-Disciplinary Engagement at Dartmouth	1,132,498
	Co-I	Department of Energy (DOE)	Federal Government	Dartmouth Theory Group at the Cosmic Frontier: The Origin and Nature of our Universe	
Hawley, Robert L	Co-PD/PI	University of New Hampshire (UNH)	Educational Institution	The New Hampshire Space Grant Consortium	
Hickox, Ryan C	PI	California Institute of Technology (CIT)	Educational Institution	NuSTAR Extragalactic Survey and Obscured AGN Science	34,169
		Carthage College	Educational Institution	Improving Communication Abilities of Undergraduate Science Students through Public Outreach and Education	24,421
		National Aeronautics and Space Administration (NASA)	Federal Government	Modeling the Evolution of Galaxies and Black Holes in X-rays with NuSTAR and Chandra	55,000
				Unveiling Hidden Black Holes in the Cosmic Web: Dark Matter Halos of WISE Quasars from Planck CMB Lensing	163,590
		National Science Foundation (NSF)	Federal Government	CAREER: The Hidden Monsters: Cosmic Evolution of Obscured Supermassive Black Holes	216,832
		Smithsonian Astrophysical Observatory (SAO)	Foundation	The Chandra Deep Wide-Field Survey: Completing the New Generation of Chandra Extragalactic Surveys	148,175
Hudson, Mary K	PI	National Science Foundation (NSF)	Federal Government	Dynamics of the Inner Radiation Belt Near the Trapping Limit	124,999
		University of Colorado Boulder	Educational Institution	Effects of Advective and Diffusive Transport of Trapped Energetic Particles in Radiation Belt Models	56,796
		University of Minnesota (UMN)	Educational Institution	The EFASC Instrument Suite	75,506
		University of New Hampshire (UNH)	Educational Institution	Van Allen Probes - Energetic Particle, Composition, and Thermal Plasma (ECT)	108,387
LaBelle, James W	PI	NASA, Goddard Space Flight Center (GSFC)	Federal Government	Path Forward for a State-of-the-art HF Wave Receiver at Goddard	11,999
		National Aeronautics and Space Administration (NASA)	Federal Government	Cusp Alfvén and Plasma Electrodynamics Rocket II (CAPER-2)	349,535
		National Science Foundation (NSF)	Federal Government	Earth's Electromagnetic Environment: Advancing Recent Discoveries in Auroral Plasma Radio Emission Research	75,000
		University of Iowa	Educational Institution	Twin Rockets to Investigate Cusp Electrodynamics 2 (TRICE-2)	303,338
Lanz, Lauranne	PI	Smithsonian Astrophysical Observatory (SAO)	Foundation	Understanding the Role of AGN in Transitioning Galaxies	46,833
Li, Zhao	Co-I	University of Colorado Boulder	Educational Institution	Effects of Advective and Diffusive Transport of Trapped Energetic Particles in Radiation Belt Models	
Liu, Yi-Hsin	PI	NASA, Goddard Space Flight Center (GSFC)	Federal Government	Theory and Modeling of Magnetospheric Multiscale Mission	104,775
		National Aeronautics and Space Administration (NASA)	Federal Government	Local Physics Control of the X-line Orientation at Earth's Magnetopause	284,510
		National Science Foundation (NSF)	Federal Government	Local Physics Control of the X-line Orientation in Three-dimensional Asymmetric Magnetic Reconnection	6,270
Lynch, Kristina A	PI	University of Alaska Fairbanks (UAF)	Educational Institution	In-Situ Measurements of Neutral and Plasma Dynamics Associated with Earth's Cusp-Region Thermospheric Mass Density Anomaly	50,526
		University of New Hampshire (UNH)	Educational Institution	The New Hampshire Space Grant Consortium	480,415
				UNH-Dartmouth NASA EPSCoR	50,000

Awards Received Fiscal Year 2018

Physics and Astronomy (Continued)

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Lyon, John G	PI	Johns Hopkins University (JHU)	Educational Institution	PerSEUS: Peta-op SupErcomputing Unconventional System	80,000
Mueller, Hans-Reinhard	PI	National Science Foundation (NSF)	Federal Government	Characterizing Astrospheres Created by Winds from Low-mass Binaries Interacting with the ISM	101,406
		Naval Research Laboratory (DoD NRL)	Federal Government	Ab-initio Modeling of Interstellar and Secondary Neutral Helium at Ulysses and IBEX	47,261
Rimberg, Alexander J	PI	National Science Foundation (NSF)	Federal Government	Quantum from Classical: Creation of Quantum States of Motion in Nanomechanical Resonators	166,068
Rogers, Barrett N	PI	Department of Energy (DOE)	Federal Government	Global 3D Simulations of the Tokamak Edge Region	100,001
				Turbulence Dynamics in the Presence of Flow Shear in a Collisional Plasma: Experiment-Model Cross-Validation	36,001
Shepherd, Simon G	Co-PD/PI	University of New Hampshire (UNH)	Educational Institution	The New Hampshire Space Grant Consortium	
Sonnerup, Bengt U	Co-I	National Aeronautics and Space Administration (NASA)	Federal Government	Orientation, Velocity, and Structure of Reconnecting Regions	
Viola, Lorenza	PI	National Science Foundation (NSF)	Federal Government	Weaving Stability from Dissipation: Fixed-Point Engineering for Quantum Information Processing	92,272
		University of Sydney	Educational Institution	Quantum Control Engineering	219,314
Wright, Kevin	PI	National Science Foundation (NSF)	Federal Government	Persistent Currents in Fermionic Quantum Gases	170,000
Grand Total					5,662,287

Awards Received Fiscal Year 2018

Psychological and Brain Sciences

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Bucci, David J	PI	National Science Foundation (NSF)	Federal Government	Learning and Plasticity in Retro-Hippocampal Circuits	145,000
Campbell, Andrew T	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Functional Anatomic Studies of Self-Affect: A Multimodal Approach	
Cavanagh, Patrick	Co-I	National Science Foundation (NSF)	Federal Government	R11 Track-2 FEC: Neural Basis of Attention	
Chang, Luke J	PI	National Institute of Mental Health (NIMH)	Federal Government	Dynamic brain representations underlying emotional experience	793,305
				Prefrontal-Amygdala Interactions in Social Learning	405,000
Chen, Pin-Hao	PI	Chiang Ching-Kuo Foundation (CCKF)	Foundation	Towards a Computational Understanding of Social Status and Mianzi in Chinese and American Cultures	25,000
Courtney, Andrea L	PI	National Institute of Mental Health (NIMH)	Federal Government	Neural representation of the "social self": Does representational similarity of self and close others predict well-being?	28,503
Duchaine, Bradley C	PI	National Science Foundation (NSF)	Federal Government	Testing and building models of face perception via acquired prosopagnosia	144,052
Eddy, Meghan C	PI	National Institute of Mental Health (NIMH)	Federal Government	Cortical network dynamics in behavioral inhibition	58,654
Granger, Richard	PI	Office of Naval Research (DoD ONR)	Federal Government	Integrative Vision and Navigation on Photorealistic Simulated Environments	173,295
				Mobile Robot Onboard Accelerated Computation	335,934
Halchenko, Yaroslav O	PI	University of Massachusetts Medical Center (UMMS)	Institution	Center for Reproducible Neuroimaging Computation (CRNC)	17,366
		University of Massachusetts Medical School	Educational Institution	Center for Reproducible Neuroimaging Computation (CRNC)	155,764
Haxby, James V	PI	National Institute of Mental Health (NIMH)	Federal Government	Functional Anatomic Studies of Self-Affect: A Multimodal Approach	686,337
		National Science Foundation (NSF)	Federal Government	Collaborative Research: A common model of the functional architecture of human cortex	167,420
Holtzheimer, Paul E	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Functional Anatomic Studies of Self-Affect: A Multimodal Approach	
Jobst, Barbara	Co-I	National Science Foundation (NSF)	Federal Government	R11 Track-2 FEC: Neural Basis of Attention	
Manning, Jeremy R	PI	University of Pennsylvania	Educational Institution	Memory Enhancement with Modeling, Electrophysiology and Stimulation (MEMES)	55,558
		National Science Foundation (NSF)	Federal Government	R11 Track-2 FEC: Neural Basis of Attention	
Mehlman, Max L	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Contributions of the retrosplenial cortex to spatial processing in the rodent brain	468
Nautiyal, Katherine M	PI	National Institute of Mental Health (NIMH)	Federal Government	Dissecting serotonergic and dopaminergic contributions to the neural circuits underlying impulsive behavior	249,000
Ray, Laura E	Co-I	Office of Naval Research (DoD ONR)	Federal Government	Mobile Robot Onboard Accelerated Computation	
Smith, Kyle S	PI	National Science Foundation (NSF)	Federal Government	Basal Ganglia Activity Timing Underlying Habitual Behavior	273,200
Soltani, Alireza	Co-I	National Science Foundation (NSF)	Federal Government	R11 Track-2 FEC: Neural Basis of Attention	
Taube, Jeffrey S	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Neural Basis for Spatial Cognition	405,000
Tse, Peter U	PI	National Science Foundation (NSF)	Federal Government	R11 Track-2 FEC: Neural Basis of Attention	1,500,000
van der Meer, Matthijs	PI	Whitehall Foundation	Foundation	Neural mechanisms underlying occasion-setting behavior	75,000
Wheatley, Thalia P	PI	Columbia University	Educational Institution	The Virtue of Curiosity: How Eagerness to Learn Fosters Learning, Creativity and Engagement	163,537
		Princeton University	Educational Institution	Brain-to-brain dynamical coupling: A new framework for the communication of social knowledge	262,213
Grand Total					6,119,606

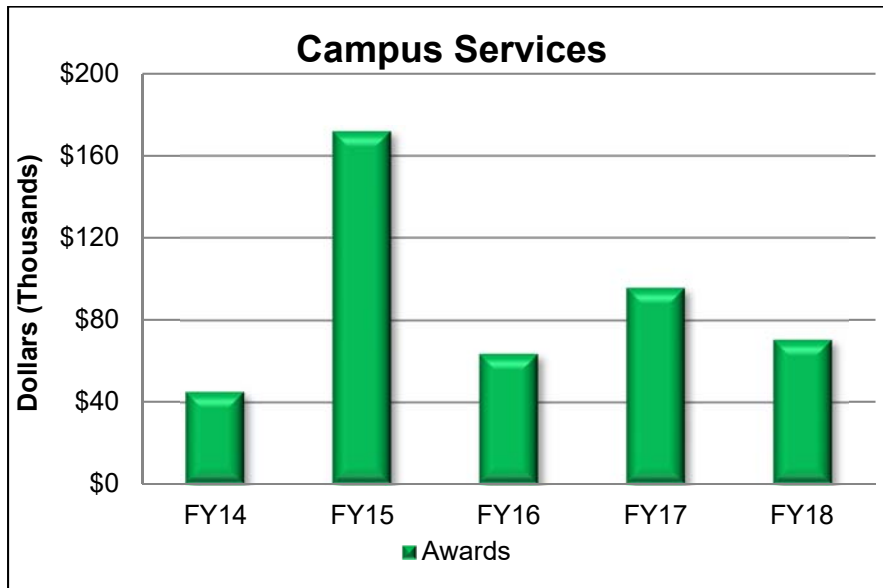
Awards Received Fiscal Year 2018

Religion

Award PI Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Raz, Gil	Raz, Gil	Henry Luce Foundation	Foundation	Advancing Daoism: Epigraphic and Archeological Materials as Sources for Daoist Lived Religion	83,900
Grand Total					83,900

CAMPUS SERVICES

Award Detail



	FY14	FY15	FY16	FY17	FY18
Awards	\$45,000	\$171,944	\$63,484	\$95,441	\$70,352

Departmental Award Analysis Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
Engineering and Utilities	70,083	0	70,083	0	0	0	-100%		-100%
Woodlands Office	25,358	0	25,358	70,352	0	70,352	177%		177%
TOTAL	95,441	0	95,441	70,352	0	70,352	-26%		-26%

Awards Received Fiscal Year 2018

Woodlands Office

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Evans, Kevin S	PI	USDA, Natural Resources Conservation Service (NRCS)	Federal Government	Project Conservation - doing good conservation work	70,352
Grand Total					70,352

OFFICE OF FINANCIAL AID

Award and Proposal Detail

Awards Received	FY14	FY15	FY16	FY17	FY18
Supplemental Educational Opportunity Grant (SEOG)	799,883	799,883	799,883	799,883	799,883
College Work Study Program	1,000,108	1,000,108	1,000,108	1,000,108	1,032,482
Pell Grant	2,304,547	2,398,775	2,535,443	2,699,068	3,049,164
FDSL	29,052,418	29,000,000	29,949,630	30,997,581	34,600,998
Total	\$33,156,956	\$33,198,766	\$29,285,064	\$35,496,640	\$39,482,527

Proposals Submitted	FY14	FY15	FY16	FY17	FY18
Supplemental Educational Opportunity Grant (SEOG)	799,883	799,883	799,883	799,883	799,883
College Work Study Program	1,000,108	1,000,108	1,011,033	1,000,108	1,000,108
Pell Grant	124,392	2,267,802	2,398,255	2,550,000	2,705,000
FDSL	17,121,130	29,000,000	29,000,000	27,800,000	30,940,000
Total	\$19,045,513	\$33,067,793	\$33,209,171	\$32,149,991	\$35,444,991

Departmental Award Analysis Fiscal Years 2017- 2018

	FY17			FY18			% CHANGE		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
Financial Aid	35,496,640	0	35,496,640	39,482,527	0	39,482,527	11%		11%
TOTAL	35,496,640	0	35,496,640	39,482,527	0	39,482,527	11%		11%

Awards Received Fiscal Year 2018

Fin Aid UG

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
McClay, Laura L	PI	Department of Education (OED)	Federal Government	FDSL FY18	34,600,998
				FWS FY18	1,032,482
				PELL FY18	3,049,164
				SEOG FY18	799,883
Grand Total					39,482,527

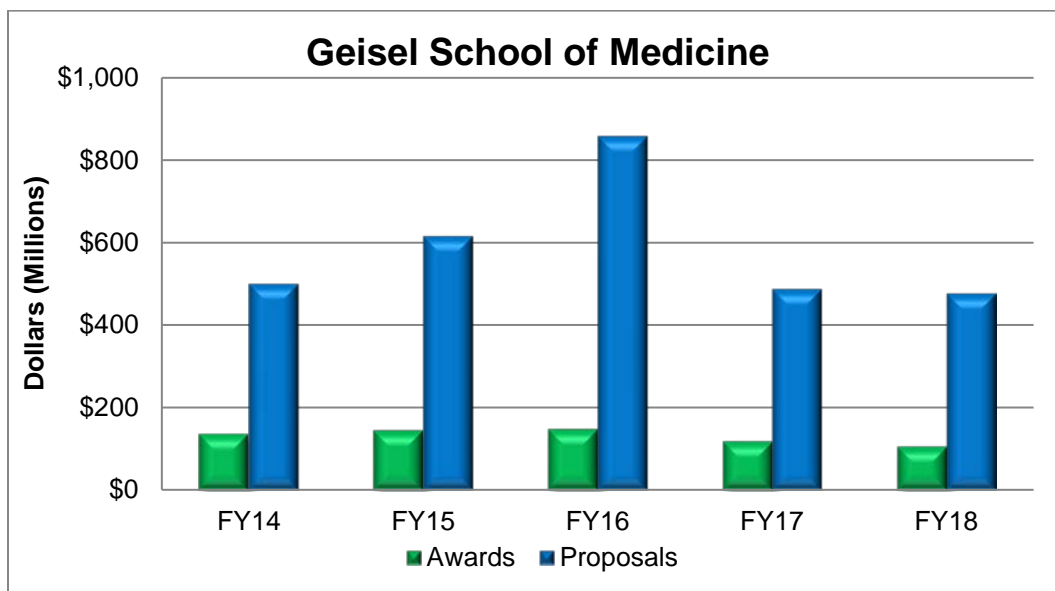
Geisel School of Medicine

Award and Proposal Detail

During fiscal year 2018, the Geisel School of Medicine managed 426 sponsored projects. Awards received decreased 7% and proposal dollars decreased 2% in 2018. Table 1 identifies sponsoring agencies that awarded more than \$1,000,000 during 2018. Table 2 categorizes Direct and Indirect awards to the School by purpose. Table 3 displays a five-year comparison of awards and proposals. The charts on the following pages show the distribution of awards and proposals between departments and the percentage of funding by sponsoring agency. In the awards detail section, some awards are listed under the managing unit rather than the department.

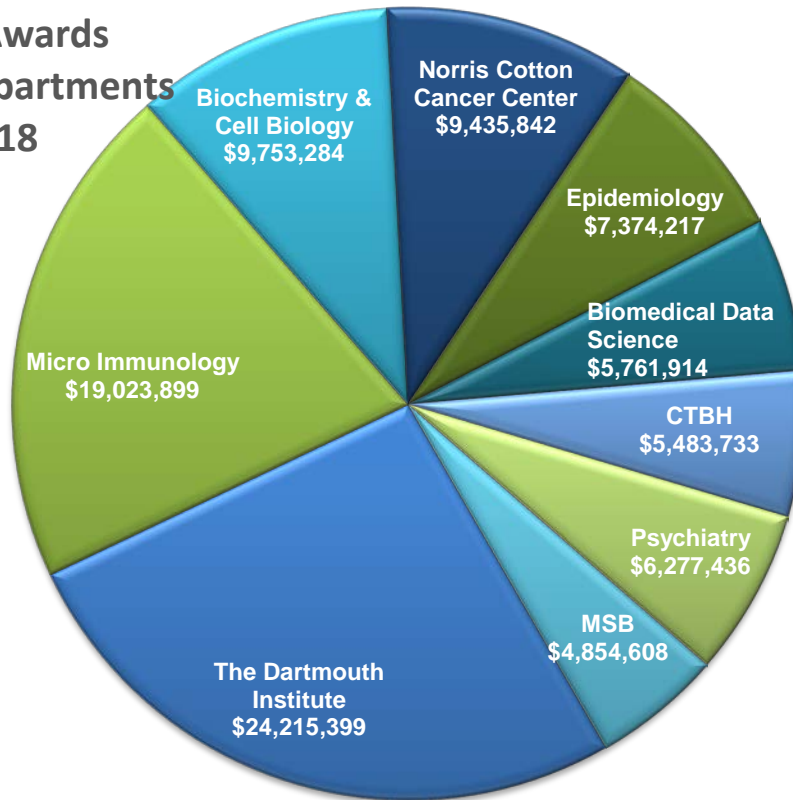
Agency	Award Amount
DHHS	77,832,481
FDN	10,492,972
ED-PVT	4,731,139
CORP	3,673,054
INST	3,658,605
ED-PUB	2,857,174
STATE & LOCAL GOV	2,524,554

Purpose	Direct	Indirect	Total
Research	70,174,897	28,793,614	98,707,511
Other	5,344,852	819,472	6,164,324
Instruction	1,603,477	154,672	1,758,149
Clinical Trial	1,451,346	558,337	2,009,683
Equipment	125,000	0	125,000
Total	\$78,699,572	\$30,326,095	\$109,025,667

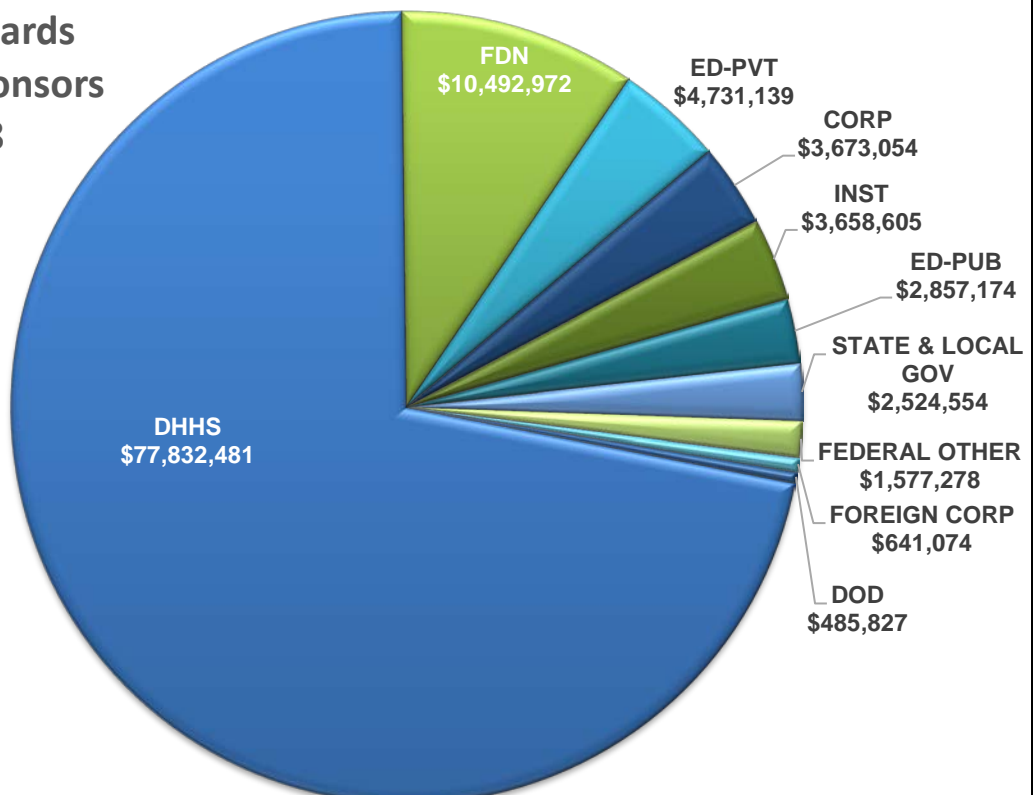


	FY14	FY15	FY16	FY17	FY18
Awards	\$135,109,117	\$143,460,607	\$146,964,103	\$117,728,320	\$109,025,667
Proposals	\$499,619,969	\$615,081,802	\$857,970,481	\$486,836,225	\$476,130,798

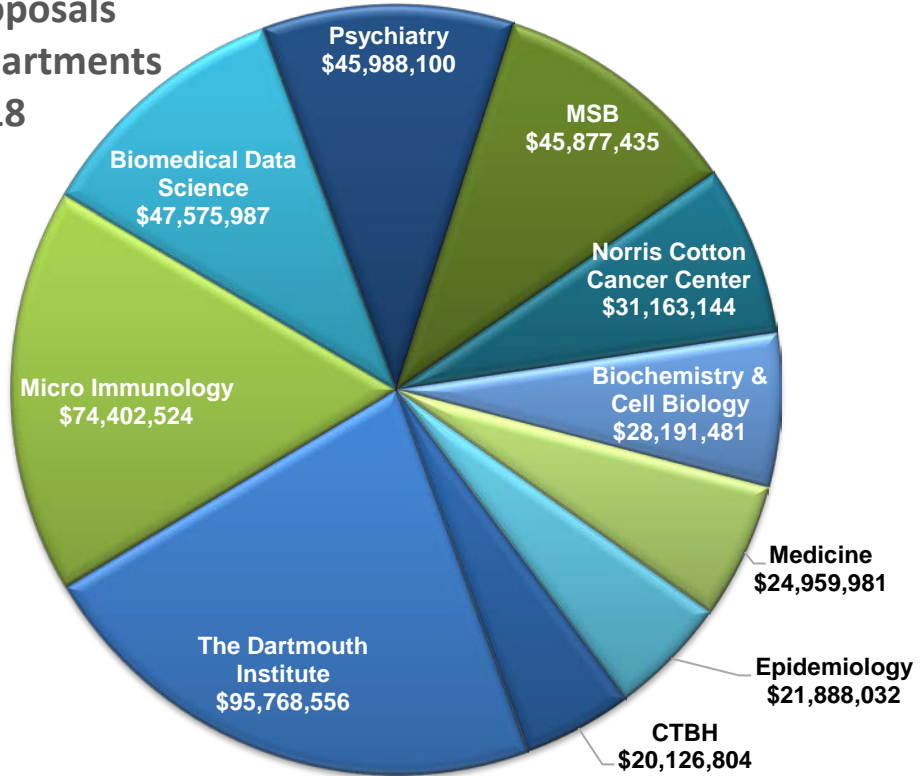
**GSM Awards
Top 10 Departments
FY18**



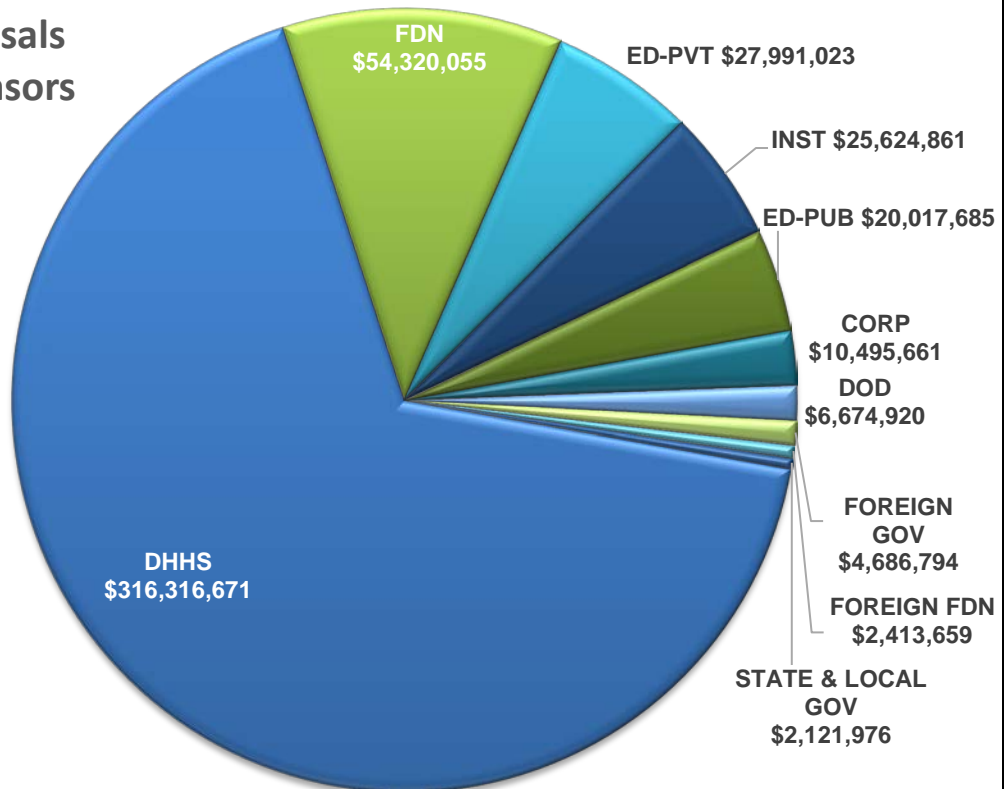
**GSM Awards
Top 10 Sponsors
FY18**



**GSM Proposals
Top 10 Departments
FY18**



**GSM Proposals
Top 10 Sponsors
FY18**



GEISEL SCHOOL OF MEDICINE
Departmental Award Analysis
Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>
Anesthesiology	1,151	80	1,231	0	0	0	-100%	-100%	-100%
Biochemistry & Cell Biology	5,569,015	2,745,091	8,314,106	6,230,551	3,522,733	9,753,284	12%	28%	17%
Biomedical Data Science	4,228,101	1,259,891	5,487,992	3,994,044	1,767,870	5,761,914	-6%	40%	5%
Biomedical Research	70,000	6,000	76,000	122,779	44,923	167,702	75%	649%	121%
Cardiology	19,243	7,697	26,940	0	0	0	-100%	-100%	-100%
Community & Family Medicine	6,997,408	2,072,802	9,070,210	2,311,178	801,371	3,112,549	-67%	-61%	-66%
Ctr Tech and Beha Hlth (CTBH)	3,814,142	1,931,574	5,745,716	3,920,170	1,563,563	5,483,733	3%	-19%	-5%
Epidemiology	2,580,514	1,061,653	3,642,167	4,928,031	2,446,186	7,374,217	91%	130%	102%
GMS Dean's Office	136,374	0	136,374	106,528	0	106,528	-22%		-22%
Medicine	4,314,175	987,210	5,301,385	3,059,653	866,500	3,926,153	-29%	-12%	-26%
Microbiology & Immunology	11,485,651	5,269,021	16,754,672	13,537,533	5,486,366	19,023,899	18%	4%	14%
Molecular and Systems Biology	3,742,298	1,719,501	5,461,799	3,074,947	1,779,661	4,854,608	-18%	3%	-11%
Neurology	597,995	268,186	866,181	869,537	325,783	1,195,320	45%	21%	38%
Norris Cotton Cancer Center	6,572,704	3,174,301	9,747,005	6,125,499	3,310,343	9,435,842	-7%	4%	-3%
Obstetrics and Gynecology	637,621	83,181	720,802	594,744	59,892	654,636	-7%	-28%	-9%
Office of Medical Education	0	0	0	296,420	0	296,420			
Orthopaedic Surgery	66,500	26,600	93,100	187,618	57,600	245,218	182%	117%	163%
Pathology	355,656	125,048	480,704	383,554	115,574	499,128	8%	-8%	4%
Pediatrics	3,785,217	426,986	4,212,203	2,121,667	320,405	2,442,072	-44%	-25%	-42%
Pharmacology & Toxicology	904,711	126,124	1,030,835	917,104	111,740	1,028,844	1%	-11%	0%
Physiology & Neurobiology	735,318	455,277	1,190,595	292,812	181,542	474,354	-60%	-60%	-60%
Psychiatric Research Center	308,555	134,224	442,779	536,441	212,957	749,398	74%	59%	69%
Psychiatry	5,374,702	1,407,315	6,782,017	4,818,171	1,459,265	6,277,436	-10%	4%	-7%
Radiology	1,525,222	684,665	2,209,887	99,428	29,652	129,080	-93%	-96%	-94%
Surgery	594,286	198,568	792,854	966,795	461,839	1,428,634	63%	133%	80%
SYNERGY	3,664,127	40,933	3,705,060	319,655	0	319,655	-91%	-100%	-91%
SYNERGY Administration	0	0	0	51,780	17,864	69,644			
The Dartmouth Institute	19,149,204	6,286,502	25,435,706	18,832,933	5,382,466	24,215,399	-2%	-14%	-5%
TOTAL	87,229,890	30,498,430	117,728,320	78,699,572	30,326,095	109,025,667	-10%	-1%	-7%

Awards Received Fiscal Year 2018

Biochemistry & Cell Biology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Barlowe, Charles K	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanisms in COPII-Dependent Transport	548,391
Chang, Catherine C	Co-I	National Institute on Aging (NIA)	Federal Government	Cholesterol and Sphingolipid Metabolism in Alzheimer's Disease	
Chang, Ta Yuan	PI	National Institute on Aging (NIA)	Federal Government	Cholesterol and Sphingolipid Metabolism in Alzheimer's Disease	332,100
				Rescuing the ApoE4 genotype by activating sterol biosynthesis in the CNS	392,252
Compton, Duane A	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Organization of the Mammalian Mitotic Spindle	60,288
				Organization of the Mammalian Mitotic Spindle	703,283
				Molecular and Cellular Biology at Dartmouth	240,704
	Co-I	Hitchcock Foundation	Foundation	Molecular Mechanisms of Aneuploidy During Human Development	
Godek, Kristina M	PI	Hitchcock Foundation	Foundation	Molecular Mechanisms of Aneuploidy During Human Development	30,000
Higgs, Henry N	PI	Beth Israel Deaconess Medical Center (BIDMC)	Institution	Biological Mechanisms of INF2-mediated FSGS	98,315
		National Institute of General Medical Sciences (NIGMS)	Federal Government	Comparative Molecular Physiology of Mammalian Formins	35,143
				Filopodia assembly by FMNL3: biochemical mechanism and cellular function	31,185
				Linking actin cytoskeleton to membrane dynamics in mitochondrial fission	596,066
Madden, Dean R	PI	Johns Hopkins University (JHU)	Educational Institution	Information Fusion in Biomolecular Structure and Motion Determination	105,000
		National Institute of Diabetes & Digest & Kidney Disease (NIDDK)	Federal Government	High-Throughput Screening for Dab2 Inhibitors as Stabilizers of CFTR	436,535
		National Institute of General Medical Sciences (NIGMS)	Federal Government	iTarget: Institute for Biomolecular Targeting COBRE	2,809,493
McLellan, Jason S	PI	Avatar Medical, LLC	Corporation	Dityrosine locked prefusion F protein: a path to a protective RSV vaccine	187,500
		Janssen Sciences Ireland	Corporation	Structural and Biophysical Characterization of Prefusion-stabilized RSV F Glycoproteins and Their Interactions with Antibodies and Small Molecules - Project Task 3	34,699
		Janssen Vaccines & Prevention, B.V.	Corporation	Structural and Biophysical Characterization of Prefusion-stabilized RSV F Glycoproteins and Their Interactions with Antibodies and Small Molecules - Project Task 3	34,727
		Medimmune, Inc.	Corporation	Medimmune HRV	120,000
Moseley, James B	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanisms that coordinate cell size and mitotic entry	324,000
Pellegrini, Maria	Co-I	National Institute of Diabetes & Digest & Kidney Disease (NIDDK)	Federal Government	High-Throughput Screening for Dab2 Inhibitors as Stabilizers of CFTR	
Supattapone, Surachai	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Origin and Mechanism of Promiscuous Prion Strains	42,256
				Dissecting the Mechanism of Prion Formation with a Permissive Host	553,817
				Combination Chemotherapy for Treatment of Prion Disease	202,500
				Structural Mechanism of Mammalian Prion Infectivity	567,000
				Dissecting the Mechanism of Prion Formation with a Permissive Host	521,059
Wickner, William T	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanisms of Membrane Fusion	746,971
Grand Total					9,753,284

Awards Received Fiscal Year 2018

Biomedical Data Science

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Alexander, Roberta D	Co-I	University of California, Davis (UCDavis)	Educational Institution	Risk-Based Breast Cancer Screening and Surveillance in Community Settings	
				Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density	
Amos, Christopher I	PI	National Cancer Institute (NCI)	Federal Government	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions	1,022,703
		University of Texas, M D Anderson Cancer Center	Educational Institution	Genome-Wide Association Study in Hepatocellular Carcinoma	113,537
Anton, Kristen	PI	Baylor College of Medicine	Educational Institution	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions: Supplement	167,995
				Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions: Parent	213,853
		Cedars-Sinai Medical Center	Institution	Colon Cancer Cohort Family Registry	55,836
		Jet Propulsion Laboratory (JPL)	Federal Government	Data Engineering for the JPL Informatics Center	119,906
				JPL Early Detection Research Network	150,000
	Roswell Park Cancer Institute (RPCI)	Institution	Comprehensive immunogenomic evaluation of ovarian cancer patients treated on clinical trials of IDO inhibitor - alone (CITN; NCT02042430), or in combination with vaccination (SPORE; NCT02166905)	13,730	
Co-I	National Cancer Institute (NCI)	Federal Government	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions		
Batsis, John A	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Bernat, James L	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Carpenter-Song, Elizabeth A	Co-I	University of Washington (UW)	Educational Institution	Comparing Mobile Health (mHealth) and Clinic-Based Self-Management Interventions for Serious Mental Illness: Patient Engagement, Satisfaction, and Out	
Cheng, Chao	Co-I	National Library of Medicine (NLM)	Federal Government	Predicting SNP priors for Cancer GWASs	
		University of New Mexico (UNM)	Educational Institution	Integration of Clinical and Molecular Biomarkers for Melanoma Survival	
Christensen, Brock C	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	
Demidenko, Eugene	Co-I	Baylor College of Medicine	Educational Institution	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions: Parent	
		National Cancer Institute (NCI)	Federal Government	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions	
		National Library of Medicine (NLM)	Federal Government	Predicting SNP priors for Cancer GWASs	
Drake, Robert E	Co-I	University of Washington (UW)	Educational Institution	Comparing Mobile Health (mHealth) and Clinic-Based Self-Management Interventions for Serious Mental Illness: Patient Engagement, Satisfaction, and Out	
Faill, Rebecca	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Frost, Hildreth R	PI	National Library of Medicine (NLM)	Federal Government	Tissue-specific gene set testing	86,319
Gilbert-Diamond, Diane	Co-I	National Cancer Institute (NCI)	Federal Government	Does exposure to Electronic Nicotine Delivery Systems advertising affect positive smoking expectancies and social normative beliefs regarding smoking?	
Gorlov, Ivan P	PI	National Library of Medicine (NLM)	Federal Government	Predicting SNP priors for Cancer GWASs	320,000
		University of New Mexico (UNM)	Educational Institution	Integration of Clinical and Molecular Biomarkers for Melanoma Survival	469,157
	Co-I	National Cancer Institute (NCI)	Federal Government	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions	
Gorlova, Olga Y	Co-I	National Library of Medicine (NLM)	Federal Government	Predicting SNP priors for Cancer GWASs	
Hoehn, Anne G	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	
Karagas, Margaret R	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	
Li, Zhigang	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	482,074
		VERANNE	Institution	VERANNE JPA - Li, Zhongze (Schroeck)	16,610

Awards Received Fiscal Year 2018

Biomedical Data Science (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Lurie, Jon D	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
MacKenzie, Todd A	Co-PD/PI	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Madan, Juliette	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	
McClure, Auden C	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Mirza, Sohail K	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
O'Malley, Alistair J	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mediation analysis methods to model human microbiome mediating disease-leading causal pathways in children	
		National Library of Medicine (NLM)	Federal Government	Predicting SNP priors for Cancer GWASs	
Onega, Tracy L	PI	Georgetown University	Educational Institution	Comorbidity and screening outcomes among older women undergoing mammography	38,223
		National Cancer Institute (NCI)	Federal Government	Automated Delineation of Cancer Service Areas	220,550
		University of California, Davis (UCD)	Educational Institution	Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density	177,721
		University of California, Davis (UCD)	Educational Institution	Risk-Based Breast Cancer Screening and Surveillance in Community Settings	267,447
	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Pearson, Adam M	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Rees, Judith R	Co-PD/PI	University of New Mexico (UNM)	Educational Institution	Integration of Clinical and Molecular Biomarkers for Melanoma Survival	
Sargent, James D	PI	National Cancer Institute (NCI)	Federal Government	Machine Learning for Computerized Surveillance of Tobacco and Alcohol Brands in Streamed Entertainment Media	627,735
				Does exposure to Electronic Nicotine Delivery Systems advertising affect positive smoking expectancies and social normative beliefs regarding smoking?	214,020
		National Institute on Alcohol Abuse & Alcoholism (NIAAA)	Federal Government	Alcohol Marketing and Underage Drinking	55,403
		Westat	Corporation	Population Assessment of Tobacco and Health (PATH) Study	115,095
Scherer, Emily A	PI	University of Washington (UW)	Educational Institution	Comparing Mobile Health (mHealth) and Clinic-Based Self-Management Interventions for Serious Mental Illness: Patient Engagement, Satisfaction, and Out	267,378
Schifferdecker, Karen E	Co-I	Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	
Soneji, Samir S	Co-I	Westat, Inc.	Corporation	Population Assessment of Tobacco and Health (PATH) Study	
Tanski, Susanne E	Co-I	Westat, Inc.	Corporation	Population Assessment of Tobacco and Health (PATH) Study	
Tosteson, Tor D	PI	National Library of Medicine (NLM)	Federal Government	Quantitative Biomedical Sciences at Dartmouth	197,344
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Randomize Everyone: Creating valid instrumental variables for learning health care systems	349,278
	Co-I	Baylor College of Medicine	Educational Institution	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions: Parent	
		National Cancer Institute (NCI)	Federal Government	Coordinating Center: Molecular and Cellular Findings of Screen-Detected Lesions	
Grand Total					5,761,914

Awards Received Fiscal Year 2018

Biomedical Research

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Kuppusamy, Periannan	PI	Northeast Ohio Medical University	Educational Institution	The critical role of the coronary microcirculation in heart failure	50,000
		University of California, San Diego (UCSD)	Educational Institution	Caveolae as capacitors for oxygen	51,702
Stan, Radu V	PI	American Heart Association - Founders Affiliate (AHA)	Foundation	Biogenesis and regulation of endothelial fenestrae	66,000
Grand Total					167,702

Awards Received Fiscal Year 2018

Community & Family Medicine

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Barry, Elizabeth L	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Bartels, Stephen J	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Northern New England Post-doctoral Primary Care Research Training Program	339,749
Christensen, Brock C	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Demidenko, Eugene	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Flaherty, Ellen	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Northern New England Geriatric Workforce Enhancement Program	842,719
Frechette, Jeffrey C	Co-I	Council of Ivy League Presidents (CILP)	Institution	The Epidemiology of Concussions in Ivy League Sports - A Web Based Registry Study	
Gilbert-Diamond, Diane	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Hartman, Tyler K	PI	University of Arkansas for Medical Sciences (UAMS)	Educational Institution	Hartman Protocol Chair Services - Caffeine Therapy Trial	2,801
Karagas, Margaret R	PI	Environmental Protection Agency (EPA)	Environmental Protection Agency (EPA)	Children's Environmental Health and Disease Prevention Research Center at Dartmouth	806,827
		National Cancer Institute (NCI)	Federal Government	Training Program for Quantitative Population Sciences in Cancer	303,478
		National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	221,635
		University of Chicago	Educational Institution	Genetics of Arsenic Metabolism: Fine-mapping and Rare Variant Analysis	69,077
Karlson, Kristine A	PI	Council of Ivy League Presidents (CILP)	Institution	The Epidemiology of Concussions in Ivy League Sports - A Web Based Registry Study	2,000
Madan, Juliette	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Marotti, Jonathan D	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Murray, Carolyn J	Co-I	National Institute of Child Health & Human Development (NICHD)	Federal Government	Dartmouth Regional Pediatric Clinical Trials Unit	
O'Sullivan, Brian P	PI	University of Arkansas for Medical Sciences (UAMS)	Educational Institution	O'Sullivan Protocol Chair Services - Vitamin D in obesity/asthma	31,279
	Co-I	National Institute of Child Health & Human Development (NICHD)	Federal Government	Dartmouth Regional Pediatric Clinical Trials Unit	
Palumbo, Paul E	PI	National Institute of Child Health & Human Development (NICHD)	Federal Government	Dartmouth Regional Pediatric Clinical Trials Unit	492,984
Punshon, Tracy	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Tosteson, Tor D	Co-I	National Cancer Institute (NCI)	Federal Government	Training Program for Quantitative Population Sciences in Cancer	
Wells, Wendy A	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Grand Total					3,112,549

Awards Received Fiscal Year 2018

Ctr Tech and Beha Hlth (CTBH)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total	
Brunette, Mary F	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Budney, Alan J	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Technology-based Treatments for Substance Use Disorders		
		National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Carpenter-Song, Elizabeth A	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Scaling up Science-based Mental Health Interventions in Latin America		
Chapman, Steven H	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Goodman, Daisy J	Co-PD/PI	National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Green, Alan I	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Applying novel technologies and methods to inform the ontology of self-regulation		
Kotz, David F	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Technology-based Treatments for Substance Use Disorders		
Lord, Sarah E	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Technology-based Treatments for Substance Use Disorders		
			Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Marsch, Lisa A	PI	National Institute of Mental Health (NIMH)	Federal Government	Scaling up Science-based Mental Health Interventions in Latin America	692,535	
			National Institute on Drug Abuse (NIDA)	Federal Government	Technology-based Treatments for Substance Use Disorders	1,230,249
				Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network	1,612,508
				Federal Government	Applying novel technologies and methods to inform the ontology of self-regulation	1,167,180
		New York University School of Medicine	Educational Institution	NIDA Clinical Trials Network: Greater New York Node (XR-BUP ED Project)	699,387	
McHugo, Gregory J	Co-I	Boston University (BU)	Educational Institution	A Dismantling Study of Cognitive Remediation for Supported Employment		
Olson, Ardis L	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Stanger, Catherine	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Northeast Node of the National Drug Abuse Clinical Trials Network		
Torrey, William C	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Scaling up Science-based Mental Health Interventions in Latin America		
Xie, Haiyi	PI	Boston University (BU)	Educational Institution	Testing Effectiveness of a Peer Led Intervention to Enhance Community	24,961	
				A Dismantling Study of Cognitive Remediation for Supported Employment (supplement)	5,346	
				A Dismantling Study of Cognitive Remediation for Supported Employment	51,567	
	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Technology-based Treatments for Substance Use Disorders		
Grand Total					5,483,733	

Awards Received Fiscal Year 2018

Epidemiology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ackerman, Margaret E	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	
Amos, Christopher I	Co-I	National Cancer Institute (NCI)	Federal Government	Aspirin Metabolomics in Colorectal Cancer Chemoprevention	
Barry, Elizabeth L	PI	National Cancer Institute (NCI)	Federal Government	Aspirin Metabolomics in Colorectal Cancer Chemoprevention	441,330
		University of North Carolina at Chapel Hill (UNC-CH)	Educational Institution	Colorectal Chemoprevention with Calcium and Vitamin D	20,716
Chipman, Jonathan W	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Christensen, Brock C	PI	National Cancer Institute (NCI)	Federal Government	(PQ3) Immune epigenetic biomarkers of bladder cancer outcomes	632,860
Coker, Modupe O	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Demidenko, Eugene	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Gilbert-Diamond, Diane	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Gui, Jiang	Co-I	National Library of Medicine (NLM)	Federal Government	Multi-omic Functional Integration Using Networks	
Guill, Margaret F	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Hoen, Anne G	PI	National Library of Medicine (NLM)	Federal Government	Multi-omic Functional Integration Using Networks	352,350
		Cystic Fibrosis Foundation (CFF)	Foundation	Aberrant colonization in CF from birth: the role of microbiome/metabolome	
		Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Jackson, Brian P	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Karagas, Margaret R	PI	Emory University	Educational Institution	Environment, Imprinting, and Neurodevelopment	34,966
		Emory University School of Medicine	Educational Institution	MicroRNA, Environmental Exposures and Newborn Outcomes	87,415
		National Institute of General Medical Sciences (NIGMS)	Federal Government	COBRE Center for Molecular Epidemiology	2,394,027
		Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	2,310,791
		University of Southern California	Educational Institution	PRECLINICAL INDICATORS & BIOMARKERS OF CARDIOVASCULAR EFFECTS OF ARSENIC EXPOSURE	28,290
	Co-I	National Cancer Institute (NCI)	Federal Government	(PQ3) Immune epigenetic biomarkers of bladder cancer outcomes	
		National Library of Medicine (NLM)	Federal Government	Multi-omic Functional Integration Using Networks	
Li, Zhigang	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Madan, Juliette	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Aberrant colonization in CF from birth: the role of microbiome/metabolome	162,000
		National Library of Medicine (NLM)	Federal Government	Multi-omic Functional Integration Using Networks	
		Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Marsch, Lisa A	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Omega, Tracy L	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
O'Toole, George A	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Aberrant colonization in CF from birth: the role of microbiome/metabolome	
Passarelli, Michael N	Co-I	National Cancer Institute (NCI)	Federal Government	Aspirin Metabolomics in Colorectal Cancer Chemoprevention	

Awards Received Fiscal Year 2018

Epidemiology (continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Punshon, Tracy	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Rees, Judith R	PI	State of New Hampshire	State and Local Government	New Hampshire Cancer Registry	666,159
Robertson, Douglas J	Co-I	University of North Carolina at Chapel Hill (UNC-CH)	Educational Institution	Colorectal Chemoprevention with Calcium and Vitamin D	
Seigne, John D	Co-I	National Cancer Institute (NCI)	Federal Government	(PQ3) Immune epigenetic biomarkers of bladder cancer outcomes	
Shi, Xun	Co-I	Office of the Director, NIH	Federal Government	A prospective study of critical environmental exposures in formative early life that impact lifelong health in rural US children: the New Hampshire Birth Cohort Study	
Titus, Linda J	PI	National Cancer Institute (NCI)	Federal Government	Continuation of Follow-up of DES-Exposed Cohorts	243,313
Grand Total					7,374,217

Awards Received Fiscal Year 2018

GMS Dean's Office

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Enelow, Richard I	PI	White River Junction VA Medical Center (WRJ VA)	Federal Government	VA IPA George	34,263
				VA IPA Bean	72,265
Grand Total					106,528

Awards Received Fiscal Year 2018

Medicine

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ashare, Alix	PI	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Regional Hypoxia Impacts the Heterogeneity of Inflammatory Lung Disease	398,784
		Seattle Children's Hospital Research Foundation	Institution	A Phase 2, Multi-Center, Randomized, Placebo-Controlled Study of IV Gallium Nitrate in Patients with Cystic Fibrosis	11,762
Batsis, John A	PI	National Institute on Aging (NIA)	Federal Government	Mobile Health Obesity Wellness Intervention in Rural Older Adults_Res1	267,300
Buckey, Jay C	PI	Creare, Inc.	Corporation	Low-cost User-friendly Otoacoustic Emissions Probe	148,631
				Volume Sensor for Flexible Fluid Bladders in Microgravity	37,500
				MRI Compatible Hyper/Hypobaric Chamber	25,000
				(STTR)Advanced Technologies for Reducing Decompression Obligation and Risk	50,000
		Georgetown University	Educational Institution	Study to Determine the Prevalence of Hearing and Balance Loss Among Baltimore-Washington DC SHARE and WIHS Participants	63,268
		InnoVital Systems	Corporation	Noninvasive Monitor of Vascular Volume Fluid Shifts- Phase I	24,989
		National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Central auditory deficits associated with HIV infection and treatment	643,429
Office of Naval Research (DoD ONR)	Federal Government	Early detection of cochlear damage from noise and ototoxins	297,893		
Costa, Salvatore P	PI	New York University (NYU)	Educational Institution	International Study of Comparative Health Effectiveness with Medical and Invasive Approaches	28,723
Dadekian, Gregory A	PI	Brigham and Women's Hospital (BWH)	Institution	Influenza Vaccine to Effectively Stop Cardio Thoracic Events and Decompensated heart failure	4,000
Enelow, Richard I	PI	Department of Veterans Affairs (VA)	Federal Government	VA IPA Chesnut	73,581
				IPA-Kingman	6,869
		University of Pittsburgh (UP)	Educational Institution	Network Management Core (NEMO) for the Pulmonary Trials Cooperative (PTC)	1,000
Gardner, Timothy B	PI	University of Minnesota (UMN)	Educational Institution	Advancing Treatment for Pancreatitis: A Prospective Observational Study of TPIAT	22,878
Gifford, Alex H	PI	Cystic Fibrosis Foundation (CFF)	Foundation	PACE:Promoting a Career in CF Clinical Care and Research	41,142
		Cystic Fibrosis Foundation Therapeutics, Inc. (CFFT)	Institution	Biomarkers of Iron Homeostasis and CF Pulmonary Exacerbation Response	51,701
Gill, Harman S	PI	Zoll Foundation	Foundation	The role of Electrical impedance in pseudo pulseless electrical activity	38,174
Gladstone, David J	Co-PD/PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Lymph node metastases optical molecular diagnostic and radiation therapy	
Gui, Jiang	Co-I	National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Central auditory deficits associated with HIV infection and treatment	
Hogan, Deborah A	Co-I	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Regional Hypoxia Impacts the Heterogeneity of Inflammatory Lung Disease	
Hoopes, P Jack	Co-I	ZOLL Medical Corporation (ZOLL)	Corporation	Optimizing Cardiopulmonary Resuscitation Care During Cardiac Arrest	
Jarvis, Lesley A	PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Lymph node metastases optical molecular diagnostic and radiation therapy	187,934
MacKenzie, Todd A	Co-I	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Evaluating a Prediction Tool and Decision Aid for Patients with Crohn's Disease	
Marsh, Bryan J	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Ryan White Part C Outpatient EIS Program	172,921
		State of New Hampshire, Division of Public Health Services	State and Local Government	Infectious Disease Epidemiology Support	223,858
Moodie, Karen L	Co-I	ZOLL Medical Corporation (ZOLL)	Corporation	Optimizing Cardiopulmonary Resuscitation Care During Cardiac Arrest	
Ornstein, Deborah L	PI	American Thrombosis and Hemostasis Network	Institution	A Longitudinal Observational Study of Previously Treated Hemophilia Patients (PTPs) Switching Factor Products	426
				Transition of Care for Patients with Venous Thromboembolism (VTE) at ATHN Affiliated Sites	500
				My Life, Our Future: A Hemophilia Genotyping Initiative Data and Sample Research Repository	1,850
		Boston Children's Hospital	Institution	Prevention of the Complication of Bleeding Disorders	21,918
Palumbo, Paul E	Co-I	National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Central auditory deficits associated with HIV infection and treatment	
Paradis, Norman A	PI	ZOLL Medical Corporation (ZOLL)	Corporation	Optimizing Cardiopulmonary Resuscitation Care During Cardiac Arrest	110,269
Parsonnet, Jeffrey	PI	Proctor and Gamble (PG)	Corporation	Pathogenesis of Toxic Shock Syndrome	50,000

Awards Received Fiscal Year 2018

Medicine (continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Paulin, Laura M	PI	National Institute of Environmental Health Sciences (NIEHS)	Federal Government	Indoor Air Pollution, Mucociliary Clearance, and Mucus Properties in COPD	124,915
Rieke, Catherine C	Co-I	National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Central auditory deficits associated with HIV infection and treatment	
Rutman, Maia S	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Emergency Medical Services for Children State Partnership	25,937
Saunders, James	Co-I	Creare, Inc.	Corporation	Low-cost User-friendly Otoacoustic Emissions Probe	
Siegel, Corey A	PI	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Evaluating a Prediction Tool and Decision Aid for Patients with Crohn's Disease	218,398
		Crohn's & Colitis Foundation of America	Foundation	CCFA Quality of Care Program for Adult Patients with Inflammatory Bowel Disease	489,710
von Reyn, C F	PI	Case Western Reserve University (CWRU)	Educational Institution	Genetics of TB resistance in HIV positive subjects	60,893
Grand Total					3,926,153

Awards Received Fiscal Year 2018

Microbiology and Immunology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ariaspulido, Hugo	Co-I	Case Western Reserve University (CWRU)	Educational Institution	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	
		National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	
Ashare, Alix	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis	
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	
Barth, Richard J	Co-I	National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	
Bermack, Casey K	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Novel evolutionary platforms and computational strategies for the engineering of quaternary epitope-focused HIV immunogens	49,512
Berwin, Brent L	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Inducing effective phagocytic clearance of non-motile bacteria	81,833
Bliska, James	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Regulation of host innate and adaptive immunity by bacterial type III effectors	373,076
Bodwell, Jack E	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	
Brass, Sara C	PI	Genzyme Corporation	Corporation	Essential Role of CD39+Foxp3 T Regulatory Cells in Prevention of CNS Demyelination in EAE Mice Following Treatment with Anti mu CD52 Ab	117,534
		National Multiple Sclerosis Society (NMSS)	Foundation	The role of interleukin-15 in driving regulatory B cells during CNS inflammation	44,000
Burns, Christopher M	Co-I	Lupus Research Institute	Institution	Targeting the VISTA pathway in Lupus	
		National Institute of Arthritis & Musculoskeletal & Skin Dis (NIAMS)	Federal Government	Negative regulation of Lupus by the VISTA Pathway	
Bzik, David J	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Novel rhothry protein function in chronic toxoplasma infection	243,000
				Novel virulence function in Toxoplasma chronic infection	202,500
				Genetic models for latent Toxoplasma gondii infection	202,500
Chen, Celia Y	PI	National Institute of Environmental Health Sciences (NIEHS)	Federal Government	Sources and Protracted Effects of Early Life Exposure to Arsenic and Mercury	2,660,346
Cheng, Chao	Co-I	Case Western Reserve University (CWRU)	Educational Institution	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	
		National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	
Cheung, Ambrose	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	125,000
		Harrington Discovery Institute	Institution	Optimization of a novel compound that enhances the activity of beta-lactams against Gram+ bacteria	50,000
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Bypassing the restriction barrier to improve transformation in S. epidermidis	243,000
				Optimization of a novel compound that enhances the activity of beta-lactams against Gram+ bacteria	236,688
		Pfizer Inc.	Corporation	Evaluating the efficacy of antibody to the extracellular loop of GraS of S. aureus in blocking activation of mprF and dltABCD, augmented killing by host defense peptides and reduced survival in rabbit and human neutrophils	206,975
Cole, Charles N	Co-I	National Institute of General Medical Services (NIGMS)	Federal Government	New Hampshire IDeA Network of Biomedical Research Excellence (NH-INBRE)	
Cramer, Robert A	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Hypoxia Adaptation and Fungal Virulence of Aspergillus fumigatus	405,000
				Evolution of Aspergillus fumigatus virulence	473,975
				The Burroughs Wellcome Fund	Foundation
	Co-I	National Eye Institute (NEI)	Federal Government	Fungal virulence factors during corneal infections	
Demers, Elora G	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Molecular analysis of variable drug resistance in Candida lusitanae isolates	44,524
Demidenko, Eugene	Co-I	Auburn University	Educational Institution	Proteasome inhibitors for the treatment of solid tumors	
Dunlap, Jay C	Co-I	National Eye Institute (NEI)	Federal Government	Fungal virulence factors during corneal infections	
Enelow, Richard I	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis	

Awards Received Fiscal Year 2018

Microbiology and Immunology (continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Fiering, Steven N	PI	Auburn University	Educational Institution	Proteasome inhibitors for the treatment of solid tumors	81,000
		Case Western Reserve University (CWRU)	Educational Institution	Dual-pronged nano-drug delivery using plant virus-like particles	81,000
	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	337,281
Fox, Barbara A	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Novel virulence function in Toxoplasma chronic infection	
				Genetic models for latent Toxoplasma gondii infection	
				Novel rhostry protein function in chronic toxoplasma infection	
Green, William R	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	New Hampshire IDeA Network of Biomedical Research Excellence (NH-INBRE)	3,510,459
Hogan, Deborah A	PI	Boston Children's Hospital	Institution	Programmed cell death in P. aeruginosa	153,391
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	418,718
	Co-I	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Dartmouth Cystic Fibrosis Training Program	
				Role of Virulence Factors in Pseudomonas-Host Interactions	
Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis			
Holden, Victoria I	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Effect of bacterial short RNAs on viral infection and the CF immune system	63,100
Hoopes, P Jack	PD/PI	Case Western Reserve University (CWRU)	Educational Institution	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	
	Co-I	Auburn University	Educational Institution	Proteasome inhibitors for the treatment of solid tumors	
Huang, Yina H	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Novel Requirements for Akt1 in T Cell Commitment	457,266
	Co-I	Case Western Reserve University (CWRU)	Educational Institution	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	
Jiang, Yike	PI	National Eye Institute (NEI)	Federal Government	Investigating Dendritic Cell Autophagy as a Viral Targeted Determinant of Herpetic Stromal Keratitis	49,044
Kowalski, Caitlin H	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Fungal Collagen-Like Proteins Mediate Oxygen Acquisition and Virulence	44,524
Kull, F Jon	PD/PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Control of virulence in Vibrio cholerae by fatty acids	
Leib, David A	PI	Harvard University	Educational Institution	Viral and host mechanisms that tilt the HSV lytic/latent balance PROJECT 3	486,000
				Viral And host mechanisms that tilt the HSV lytic/latent balance CORE B	24,298
	Co-I	National Eye Institute (NEI)	Federal Government	Viral and Host Factors in Herpetic Reactivation	405,000
Limoll, Dominique H	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Modulating interspecies interactions in cystic fibrosis respiratory disease	75,990
Mabaera, Rodwell	Co-I	ImmuNext, Inc.	Corporation	Defining retinoic acid as a target in inflammatory disease	
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Inducing effective phagocytic clearance of non-motile bacteria	
Madden, Dean R	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis	
Maue, Robert A	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	New Hampshire IDeA Network of Biomedical Research Excellence (NH-INBRE)	
Noelle, Randolph J	PI	ImmuNext, Inc.	Corporation	Defining retinoic acid as a target in inflammatory disease	80,778
		Lupus Research Institute (see Lupus Research Alliance)	Institution	Targeting the VISTA pathway in Lupus	250,000
		National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	570,047
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Retinoic acid in gut immune homeostatis and infection	594,606
		National Institute of Arthritis & Musculoskeletal & Skin Dis (NIAMS)	Federal Government	Negative regulation of Lupus by the VISTA Pathway	352,858

Awards Received Fiscal Year 2018

Microbiology and Immunology (continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
O'Toole, George A	PI	Cornell University	Educational Institution	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	158,963
		LifeUnit, LLC	Corporation	Therapeutics Enhancing the Efficacy of Anti-Biofilm Antibiotics	54,666
		National Heart Lung & Blood Institute (NHLBI)	Federal Government	Dartmouth Cystic Fibrosis Training Program	192,209
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	cdiGMP Regulation of Biofilm Formation	441,881
		New York University (NYU)	Educational Institution	Macrocyclic peptidomimetics to treat Pseudomonas infections	27,000
		University of Illinois at Urbana-Champaign	Educational Institution	Individualized early detection of high-risk Pseudomonas aeruginosa infections in cystic fibrosis	25,000
	Microbial evolution through viral gene flow in natural populations			10,000	
Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis		
Pioli, Patricia A	PI	Michigan State University (MSU)	Educational Institution	Chemoprevention of experimental estrogen-receptor negative breast cancer	24,000
		National Institute of Arthritis & Musculoskeletal & Skin Dis (NIAMS)	Federal Government	Regulation of Macrophage Activation and Inflammation in Scleroderma	81,000
Punshon, Tracy	Co-I	National Institute of Environmental Health Sciences (NIEHS)	Federal Government	Sources and Protracted Effects of Early Life Exposure to Arsenic and Mercury	
Rigby, William F	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Autoimmunity in Cystic Fibrosis	54,000
Sentman, Charles L	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Developing human regulatory T cells that are engineered to target mutant SOD1	202,500
Skorupski, Karen A	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Control of virulence in Vibrio cholerae by fatty acids	405,000
Stajich, Jason	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	
				Evolution of Aspergillus fumigatus virulence	
Stan, Radu V	Co-I	Case Western Reserve University (CWRU)	Educational Institution	Overcoming the immune-suppressive tumor microenvironment through in situ vaccination nanotechnology	
		National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	
Stanton, Bruce A	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis	520,000
		National Heart Lung & Blood Institute (NHLBI)	Federal Government	Role of Virulence Factors in Pseudomonas-Host Interactions	405,000
		National Institute of General Medical Sciences (NIGMS)	Federal Government	Dartmouth Lung Biology Center for Molecular, Cellular and Translational Research	1,178,761
		Vertex Pharmaceuticals Inc.	Corporation	CF Retreat Funding 2018	6,000
Turk, Mary Jo	PD/PI	National Cancer Institute (NCI)	Federal Government	Targeting VISTA eradicates large, established PD-1/CTLA-4 resistant tumors	
	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Inducing effective phagocytic clearance of non-motile bacteria	
Usherwood, Edward J	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Host microRNA control of gammaherpesvirus latency	405,000
Wade, William F	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Cholera conjugates designed to prevent colonization and induce B cell memory	199,400
Wira, Charles R	PI	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	633,900
Wright, Peter F	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Translational Research in Cystic Fibrosis	
Zegans, Michael E	PI	National Eye Institute (NEI)	Federal Government	Fungal virulence factors during corneal infections	203,796
Grand Total					19,023,899

Awards Received Fiscal Year 2018

Molecular and Systems Biology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ahmed, Yasmah F	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Role of ADP-ribosylation in Wnt Pathway Activation	325,742
				APC Tumor Suppressor in Cell Differentiation and Death	650,299
Baker, Arielle L	PI	National Institute of Mental Health (NIMH)	Federal Government	Neuromodulation of cortical circuits and cortical projections to the basal forebrain	44,524
Bosco, Giovanni	PI	National Institute of Mental Health (NIMH)	Federal Government	Trans-generational Effects of Social Learning Pioneer Award	752,500
		University of Pennsylvania	Educational Institution	Collaborative Research: ABI Development: A Critical Assessment of Protein Function Annotation	84,272
Delatour, Laurie C	PI	National Institute on Alcohol Abuse & Alcoholism (NIAAA)	Federal Government	Ethanol exposure in utero: effects on radial migration, form, and function of pyramidal neurons in the somatosensory cortex.	44,044
Dunlap, Jay C	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Genetic and Molecular Dissection of the Neurospora Clock	709,667
		Pacific Northwest National Laboratory (PNNL)	Federal Government	Multiscale Modeling of Circadian Rhythms	150,164
Hogan, Deborah A	Co-PD/PI	University of Pennsylvania	Educational Institution	Collaborative Research: ABI Development: A Critical Assessment of Protein Function Annotation	
Loros, Jennifer J	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Identification and Analysis of Circadian Clock-Controlled Genes	693,055
Luikart, Bryan W	PI	Cincinnati Children's Hospital Medical Center (CCHMC)	Institution	Mechanism-targeted treatment strategy in PTEN-associated autism and epilepsy	24,165
		National Institute of Mental Health (NIMH)	Federal Government	The Impact of PTEN Signaling on Neuronal Form and Function	450,559
Pioli, Patricia A	Co-PD/PI	Celdara Medical, LLC	Corporation	Cellular immunotherapy for SSc	
Sadanandappa, Madhumala K	PI	Human Frontier Science Program	Institution	A mother's unusual legacy: transgenerational inheritance of social behavior in Drosophila	57,300
St. Thomas, Christina K	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Genetic and Molecular Dissection of Regulatory Mechanisms Underlying Temperature and Nutritional Compensation of the Circadian Clock in Neurospora crassa	58,654
Whitfield, Michael L	PI	Celdara Medical, LLC	Corporation	Cellular immunotherapy for SSc	74,251
		UCB Biopharma SPRL	Corporation	Analysis of Gene Expression Response in SSc and Control Fibroblasts to Treatment with Proprietary Antibody	150,346
		University of California, San Francisco (UCSF)	Educational Institution	ACE UCSF Autoimmunity Center of Excellence Clinical Research Program: Mechanistic studies of treatment of systemic sclerosis and Abatacept	131,466
		University of Pittsburgh (UP)	Educational Institution	Translational Genomics and Data Integration Core	129,600
Yeh, Hermes H	PI	National Institute on Alcohol Abuse & Alcoholism (NIAAA)	Federal Government	Ethanol Exposure in Utero and Interneuronopathy in the Medial Prefrontal Cortex	324,000
Grand Total					4,854,608

Awards Received Fiscal Year 2018

Neurology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Andrew, Angeline S	PD/PI	Centers for Disease Control and Prevention (CDC)	Federal Government	A Population-Based Ohio ALS Repository and a Case-Control Study of ALS Risk Factors	
	Co-I	Amyotrophic Lateral Sclerosis Association (ALSA)	Foundation	Investigating Aerosolized Cyanobacteria in Amyotrophic Lateral Sclerosis	
Chen, Celia Y	Co-I	Centers for Disease Control and Prevention (CDC)	Federal Government	A Population-Based Ohio ALS Repository and a Case-Control Study of ALS Risk Factors	
Gaur, Arti B	PI	Entrada Therapeutics, Inc.	Corporation	Developing in vivo delivery methods for Cell Penetrating Peptides ("CPPs")	232,738
Jobst, Barbara	PI	University of Pennsylvania	Educational Institution	Memory Enhancement with Modeling, Electrophysiology, and Stimulation	216,092
Lee, Stephen L	PI	Northwestern University	Educational Institution	STEADY-PD III	11,760
Lukovits, Timothy G	PI	Emmes Corporation	Corporation	Platelet-Oriented Inhibition in New TIA and minor ischemic stroke trial	5,850
Shi, Xun	Co-I	Centers for Disease Control and Prevention (CDC)	Federal Government	A Population-Based Ohio ALS Repository and a Case-Control Study of ALS Risk Factors	
Stark, Aleksandra C	PI	American College of Radiology (ACR)	Professional/Technical Association	Imaging Dementia—Evidence for Amyloid Scanning (IDEAS) Study: A Coverage with Evidence Development Longitudinal Cohort Study	13,500
Stommel, Elijah W	PI	Amyotrophic Lateral Sclerosis Association (ALSA)	Foundation	Investigating Aerosolized Cyanobacteria in Amyotrophic Lateral Sclerosis	300,000
		Centers for Disease Control and Prevention (CDC)	Federal Government	A Population-Based Ohio ALS Repository and a Case-Control Study of ALS Risk Factors	400,000
		Massachusetts General Hospital (MGH)	Institution	Cross-Sectional ALS Biofluid Biorepository (CABB) Study	800
		University of Vermont (UVM)	Educational Institution	Exploring the links between harmful algal blooms and human well-being: how and why communities take action	14,580
Testorf, Markus E	Co-I	University of Pennsylvania	Educational Institution	Memory Enhancement with Modeling, Electrophysiology, and Stimulation	
Vaickus, Louis J	Co-I	Amyotrophic Lateral Sclerosis Association (ALSA)	Foundation	Investigating Aerosolized Cyanobacteria in Amyotrophic Lateral Sclerosis	
Grand Total					1,195,320

Awards Received Fiscal Year 2018

Norris Cotton Cancer Center

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Anderson, Joseph C	PI	American Society for Gastrointestinal Endoscopy (ASGE)	Professional/Technical Association	Factors Associated with Interval Cancers: Data from the New Hampshire Colonoscopy Registry	44,315
Angeles, Christina V	Co-I	National Cancer Institute (NCI)	Federal Government	Tissue Resident memory T cell responses to cancer	
BelBruno, Joseph J	Co-I	American Academy of Pediatrics (AAP)	Professional/Technical Association	Evaluation of Nanotechnology-based Personal Sensors for Detection and Quantification of Secondhand Tobacco Smoke Exposure	
Brooks, Gabriel A	PI	Abt Associates	Corporation	Evaluation of the Oncology Care Model (OCM)	156,280
		Alliance for Clinical Trials in Oncology	Foundation	Cancer Care Delivery Processes at Community Oncology Practices and Their Association with Acute Hospital and Emergency Department Utilization: A Pilot Study	52,499
		Conquer Cancer Foundation (CCFD)	Foundation	Predicting and Preventing Chemotherapy-related hospitalizations in patients with advanced Cancer.	66,667
Butterly, Lynn F	PI	Exact Sciences Corporation	Corporation	Colonoscopy outcomes following fecal DNA testing among patients in the New Hampshire Colonoscopy Registry	100,000
	Co-I	American Society for Gastrointestinal Endoscopy (ASGE)	Professional/Technical Association	Factors Associated with Interval Cancers: Data from the New Hampshire Colonoscopy Registry	
Cheng, Chao	Co-I	National Cancer Institute (NCI)	Federal Government	Timing is everything: applications in precision oncology for ER+ breast cancer	
				Tissue Resident memory T cell responses to cancer	
				A precision medicine basis for estrogen therapy for advanced breast cancer	
		National Institute of General Medical Sciences (NIGMS)	Federal Government	Defining human kinase-substrate networks and their dynamic regulation	
Cole, Michael D	PI	National Cancer Institute (NCI)	Federal Government	Essential Effectors of Myc Function	489,823
Crane, Margaret A	Co-I	American Academy of Pediatrics (AAP)	Professional/Technical Association	Evaluation of Nanotechnology-based Personal Sensors for Detection and Quantification of Secondhand Tobacco Smoke Exposure	
Demidenko, Eugene	Co-I	National Cancer Institute (NCI)	Federal Government	A precision medicine basis for estrogen therapy for advanced breast cancer	
				Timing is everything: applications in precision oncology for ER+ breast cancer	
Dragnev, Konstantin H	PI	Brigham and Women's Hospital (BWH)	Institution	Alliance for Clinical Trials in Oncology	32,991
		Brigham and Women's Hospital (BWH)	Institution	Alliance for Clinical Trials in Oncology	6,502
		Cancer and Leukemia Group B Foundation (CALGB)	Foundation	CALGB Studies	3,265
		Eastern Cooperative Oncology Group (ECOG)	Institution	Eastern Cooperative Oncology Group Agreement	4,000
		National Cancer Institute (NCI)	Federal Government	Dartmouth Lead Participation in NCI National Clinical Trials Network	357,057
Eastman, Alan R	Co-I	National Cancer Institute (NCI)	Federal Government	Timing is everything: applications in precision oncology for ER+ breast cancer	
Eskey, Clifford J	PI	ECOG-ACRIN Cancer Research Group	Institution	ECOG_ACRIN Agreement	34,300
Gerber, Scott A	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Defining human kinase-substrate networks and their dynamic regulation	340,200
		Tufts University	Educational Institution	Dissection of the new Pro-inflammatory components of the necrosome complex	105,300
	Co-I	National Cancer Institute (NCI)	Federal Government	Essential Effectors of Myc Function	
Gui, Jiang	Co-I	National Cancer Institute (NCI)	Federal Government	Tissue Resident memory T cell responses to cancer	
Hartford, Alan C	PI	NRG Oncology Foundation, Inc.	Foundation	NRG Oncology Foundation Service Agreement	36,875
Havrdá, Matthew C	PI	Michael J Fox Foundation	Foundation	The Nlrp3 inflammasome in Parkinson's disease	99,974
		National Institute of Environmental Health Sciences (NIEHS)	Federal Government	Mechanisms of rotenone-induced neuroinflammation and Parkinsonism in aging mice	343,741
Higgs, Henry N	Co-I	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanism of fenestrae assembly in mammalian endothelial cells	
Huang, Yina H	Co-I	National Cancer Institute (NCI)	Federal Government	Tissue Resident memory T cell responses to cancer	
Jarvis, Lesley A	Co-I	National Cancer Institute (NCI)	Federal Government	Cancer Center Support Grant	
Kaufman, Peter A	PI	Genentech Inc.	Corporation	A Randomized Double Blind Placebo Controlled Clinical Trial to Evaluate the Efficacy and Safety of Pertuzumab & Trastuzumab + Docetaxel vs. Trastuzuma	507
		National Cancer Institute (NCI)	Federal Government	A precision medicine basis for estrogen therapy for advanced breast cancer	

Awards Received Fiscal Year 2018

Norris Cotton Cancer Center (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Kettenbach, Arminja N	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanisms of phosphorylation signaling by phosphoprotein phosphatases	403,406
		The V Foundation for Cancer Research	Foundation	Activity-based profiling of protein phosphatases in cancer	100,000
	Co-I	National Cancer Institute (NCI)	Federal Government	Timing is everything: applications in precision oncology for ER+ breast cancer A precision medicine basis for estrogen therapy for advanced breast cancer	
Lansigan, Frederick	Co-I	National Cancer Institute (NCI)	Federal Government	Dartmouth Lead Participation in NCI National Clinical Trials Network	
Leach, Steven D	PI	Memorial Sloan-Kettering Cancer Center (MSKCC)	Institution	Defining neoantigen immunodominance for antigen selection and biomarker discovery in human pancreatic cancer immunotherapy	70,187
		National Cancer Institute (NCI)	Federal Government	Cancer Center Support Grant	3,128,510
Lee, Stephen L	Co-I	Michael J Fox Foundation	Foundation	The Nlrp3 inflammasome in Parkinson's disease	
Marotti, Jonathan D	Co-I	National Cancer Institute (NCI)	Federal Government	A precision medicine basis for estrogen therapy for advanced breast cancer	
		National Cancer Institute (NCI)	Federal Government	Timing is everything: applications in precision oncology for ER+ breast cancer	
Martinez, Eileen M	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Mechanisms of interleukin 6 signaling in astrocytes	44,992
Meehan, Kenneth R	PI	Dana Farber Cancer Institute (DFCI)	Institution	Shared Care: Patient-Centered Management after Hematopoietic Cell Transplantation	9,520
Mierke, Dale F	Co-I	Mayo Clinic	Institution	Targeting Pancreatic Cancer Using Peptide Chemistry: From Bench to Bedside	
Miller, Todd W	PI	National Cancer Institute (NCI)	Federal Government	Timing is everything: applications in precision oncology for ER+ breast cancer	370,575
				A precision medicine basis for estrogen therapy for advanced breast cancer	370,575
		Susan G. Komen	Foundation	Estrogen receptor reactivation for treatment of advanced breast cancer	150,000
	Co-I	The V Foundation for Cancer Research	Foundation	Activity-based profiling of protein phosphatases in cancer	
Mullins, David W	PI	National Cancer Institute (NCI)	Federal Government	Beta-adrenergic mediated suppression of T cell chemotaxis by cancers	81,000
Pattabiraman, Diwakar R	PI	National Cancer Institute (NCI)	Federal Government	Exploiting the epithelial-to-mesenchymal transition for the differentiation of cancer stem cells	309,510
Schiffelbein, Jenna E	PI	New Hampshire Comprehensive Cancer Collaboration	Institution	Engaging Partners to increase HPV vaccination	7,416
Shee, Kevin	PI	National Cancer Institute (NCI)	Federal Government	Microenvironmental FG2-mediated resistance to anti-estrogen and PI3K/mTOR pathway therapeutics in ER+ breast cancer	49,992
Smith, Jacqueline Y	PI	ImmuNext, Inc.	Corporation	ImmuNext Testing Agreement	250,000
		Symbiotix Biotherapies, Inc	Corporation	Induction of IL-2 secretion by CD4+ regulatory T cells in vitro in response to PSA for patients with relapsing-remitting multiple sclerosis	112,873
Spaller, Mark R	PI	Mayo Clinic	Institution	Targeting Pancreatic Cancer Using Peptide Chemistry: From Bench to Bedside	253,196
Stan, Radu V	PI	National Institute of General Medical Sciences (NIGMS)	Federal Government	Mechanism of fenestrae assembly in mammalian endothelial cells	324,000
Swartz, Harold M	PI	Food and Drug Administration (FDA)	Federal Government	TBD Research Study Services for Electron Paramagnetic Resonance	72,000
Tanski, Susanne E	PI	American Academy of Pediatrics (AAP)	Professional/Technical Association	Evaluation of Nanotechnology-based Personal Sensors for Detection and Quantification of Secondhand Tobacco Smoke Exposure	14,233
Tomlinson, Craig R	PI	Office of the Director, NIH	Federal Government	10X Genomics Chromium Single-cell Sequencing to Expand Research At Dartmouth	125,000
Turk, Mary Jo	PI	National Cancer Institute (NCI)	Federal Government	Tissue Resident memory T cell responses to cancer	530,226
		The University of Texas Health Science Center at San Antonio	Educational Institution	Novel tumor intrinsic PD-L1 signals direct tumor immune cell infiltration	135,335
Usherwood, Edward J	Co-I	National Cancer Institute (NCI)	Federal Government	Tissue Resident memory T cell responses to cancer	
Wang, Xiaofeng	PI	National Cancer Institute (NCI)	Federal Government	Role of SNF5 in regulating SWI/SNF complex assembly & targeting in rhabdoid tumor	249,000
Grand Total					9,435,842

Awards Received Fiscal Year 2018

Obstetrics & Gynecology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
DeMars, Leslie R	PI	University of North Carolina (UNC)	Educational Institution	Gynecologic Oncology Group (GOG)	4,000
Goodman, Daisy J	PI	March of Dimes Birth Defects Foundation (MOD)	Foundation	Improving Safety and Quality in the care of Pregnant Women with Substance Use Disorders	19,000
Stern, Judy E	PI	National Institute of Child Health & Human Development (NICHD)	Federal Government	Subfertility and Assisted Conception Study of Parent and Child Health Outcomes	631,636
Grand Total					654,636

Awards Received Fiscal Year 2018

Office of Medical Education

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Bullock, Meghan E	PI	The Arnold P. Gold Foundation	Foundation	Implementing evidence-based palliative care to minimize symptom burden and distress in patients undergoing chemotherapy	2,100
Ogrinc, Gregory S	PI	Medical College of Wisconsin (MCW)	Educational Institution	National Transformation Network Initiative	294,320
Grand Total					296,420

Awards Received Fiscal Year 2018

Orthopaedic Surgery

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Austin, Daniel C	PI	Orthopaedic Research and Education Foundation (OREF)	Foundation	An in vitro study of the wear characteristics of polyethylene on bone	5,000
Gitajn, Ida L	PI	Johns Hopkins University (JHU)	Educational Institution	Complications and Safety of Blood Clot Prevention Medicines Used in Orthopedic Trauma Patients	14,125
				Major Extremity Trauma Research Consortium (METRC)	2,700
Henderson, Eric R	PI	National Cancer Institute (NCI)	Federal Government	Development of Near-Infrared Molecular Surgical Imaging for Sarcoma Margin Definition	81,000
Lurie, Jon D	Co-I	Orthopaedic Research and Education Foundation (OREF)	Foundation	Validation of appropriateness criteria for the surgical treatment of lumbar degenerative spondylolisthesis (LDS)	
Martin, Brook I	Co-I	Orthopaedic Research and Education Foundation (OREF)	Foundation	Validation of appropriateness criteria for the surgical treatment of lumbar degenerative spondylolisthesis (LDS)	
Moschetti, Wayne E	PI	Medical University of South Carolina (MUSC)	Educational Institution	Comparative Effectiveness of Pulmonary Embolism Prevention after Hip and Knee Replacement (PEPPER): Balancing Safety and Efficacy	93,100
Pearson, Adam M	PI	Orthopaedic Research and Education Foundation (OREF)	Foundation	Validation of appropriateness criteria for the surgical treatment of lumbar degenerative spondylolisthesis (LDS)	49,293
Pogue, Brian W	Co-I	National Cancer Institute (NCI)	Federal Government	Development of Near-Infrared Molecular Surgical Imaging for Sarcoma Margin Definition	
Grand Total					245,218

Awards Received Fiscal Year 2018

Pathology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Szczepiorkowski, Zbigniew	PI	Clinipace	Corporation	Dose Escalation Study of Thrombosomes;Phase I, Multi-Center	7,000
Tsongalis, Gregory J	PI	Leidos Biomedical Research, Inc.	Corporation	NGS Support for the NCI MATCH Trial	492,128
Grand Total					499,128

Awards Received Fiscal Year 2018

Pediatrics

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Casella, Samuel J	PI	University of Florida (UF)	Educational Institution	Type 1 Diabetes TrialNet	26,090
Chaffee, Sara	PI	The Children's Hospital of Philadelphia Research Institute (CHOP)	Institution	Children's Oncology Group	57,500
Moeschler, John B	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Alliance for MCH Leadership Training Program	710,253
		University of New Hampshire (UNH)	Educational Institution	A University Affiliated Program in New Hampshire - University Center for Excellence in Developmental Disabilities...	5,000
Ringer, Steven A	PI	John E. Fogarty International Center (FIC)	Federal Government	Dartmouth/MUHAS Research Ethics Training and Program Development for Tanzania	282,047
Samaha, Debra A	PI	State of New Hampshire, Division of Public Health Services	State and Local Government	Injury Prevention	108,500
		State of New Hampshire, Highway Safety Agency	State and Local Government	Buckle Up New Hampshire Activities	175,939
				Statewide CPS Program	165,547
				Youth Operator & Simulator Program	131,987
Sargent, James D	PI	Westat, Inc.	Corporation	Family Smoking Prevention and Tobacco Control Act Nation Longitudinal Study of Tobacco Users	61,816
		National Cancer Institute (NCI)	Federal Government	Visual Media Influences on Adolescent Smoking Behavior	261,000
Singh, Neetu	PI	The Children's Hospital of Philadelphia Research Institute (CHOP)	Institution	National Emergency Airway Registry for Neonates	4,000
Singleton, Marcy N	PI	Washington University in St. Louis	Educational Institution	Massive Transfusion Epidemiology and Outcomes in Children (MATIC) Study	1,350
Tanski, Susanne E	Co-I	Westat, Inc.	Corporation	Family Smoking Prevention and Tobacco Control Act Nation Longitudinal Study of Tobacco Users	
Weinstein, Adam R	PI	The Children's Hospital of Philadelphia Research Institute (CHOP)	Institution	Chronic Kidney Disease in Children (CKID)	3,926
Wright, Peter F	PI	Children's Prize Foundation	Foundation	The Childrens Prize foundation	52,500
		Gheskio Clinic	Institution	GHESKIO Clinical Trial Unit	27,647
		Kellog Foundation	Foundation	Meeting Maternal and Child Health Sustainable Development Goals (SDG) in Haiti	366,970
Grand Total					2,442,072

Awards Received Fiscal Year 2018

Pharmacology & Toxicology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Hoopes, P Jack	PD/PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Targeting Tumors with NF1 Loss	
Lewis, Lionel D	Co-I	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Targeting Tumors with NF1 Loss	
Marsit, Carmen J	Co-I	The Burroughs Wellcome Fund	Foundation	Big Data in the Life Sciences Training Program	
Sanchez, Yolanda	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Targeting Tumors with NF1 Loss	544,581
Tomlinson, Craig R	Co-I	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Targeting Tumors with NF1 Loss	
Whitfield, Michael L	PI	The Burroughs Wellcome Fund	Foundation	Big Data in the Life Sciences Training Program	484,263
Grand Total					1,028,844

Awards Received Fiscal Year 2018

Physiology & Neurobiology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Briggs, Farran	PI	National Eye Institute (NEI)	Federal Government	The functional role of corticogeniculate feedback in vision	39,260
Darnall, Robert A	Co-I	Harvard Medical School	Educational Institution	The Ventral Medulla and the Sudden Infant Death Syndrome	
Leiter, James C	PI	Harvard Medical School	Educational Institution	The Ventral Medulla and the Sudden Infant Death Syndrome	435,094
Li, Aihua	Co-I	Harvard Medical School	Educational Institution	The Ventral Medulla and the Sudden Infant Death Syndrome	
Nattie, Eugene E	Co-I	Harvard Medical School	Educational Institution	The Ventral Medulla and the Sudden Infant Death Syndrome	
Grand Total					474,354

Awards Received Fiscal Year 2018

Psychiatric Research Center

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Height, Keri L	PI	Vermont Department of Health	State and Local Government	Expanding the options for medication-assisted recovery in Vermont	587,398
Marsch, Lisa A	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	MySafeRx: An integrated mobile platform for buprenorphine adherence	
Schuman-Olivier, Zev	PI	National Institute on Drug Abuse (NIDA)	Federal Government	MySafeRx: An integrated mobile platform for buprenorphine adherence	162,000
Grand Total					749,398

Awards Received Fiscal Year 2018

Psychiatry

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Aschbrenner, Kelly A	PI	National Institute of Mental Health (NIMH)	Federal Government	Peer Support and Mobile Technology Targeting Cardiometabolic Risk Reduction in Young Adults with SMI	566,548
Barnett, Erin R	PI	Trailhead Institute	Institution	Developing Patient-Centered Research to Improve the Psychiatric Care of Youth in Foster Care	24,633
	Co-I	New Hampshire Innovation Research Center	State and Local Government	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	
		Incente, LLC	Corporation	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	
Bartels, Stephen J	PI	National Institute of Mental Health (NIMH)	Federal Government	Training Geriatric Mental Health Services Researchers	570,237
	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Peer Support and Mobile Technology Targeting Cardiometabolic Risk Reduction in Young Adults with SMI Automated Telehealth to Improve Psychiatric Self-Management and Community Tenure	
Bruce, Martha L	PI	AARP Andrus Foundation	Foundation	Improving Social Connectedness in Homebound Seniors by Integrating Telehealth Behavioral Activation into Meals-on-Wheels Services	231,239
		National Institute of Mental Health (NIMH)	Federal Government	Advanced Research Institute in Geriatric Mental Health	183,059
Brunette, Mary F	PI	Center for Social Innovation (C4SI)	Institution	CSC OnDemand: An Innovative Online Learning Platform for Implementing Coordinated Specialty Care	56,198
	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	The Appeal and Impact of E-cigarettes in Smokers with Serious Mental Illness Cannabis, Schizophrenia and Reward: Self-Medication and Agonist Treatment?	
Budney, Alan J	PI	Johns Hopkins University (JHU)	Educational Institution	The role of sleep in the treatment of cannabis use disorders	10,149
		National Institute on Drug Abuse (NIDA)	Federal Government	Training in the Science of Co-Occurring Disorders	405,572
				Behavioral Treatment of Adolescent Marijuana Use	653,540
		University of Minnesota (UMN)	Educational Institution	Effect of sex differences and concurrent cannabis use on stress-related psychobiological mechanisms associated with smoking cessation and relapse	31,796
Cluxton-Keller, Fallon P	PI	Community Health Institute	Corporation	Increasing postpartum visit attendance in home visited mothers: A pilot study	18,000
Flashman, Laura A	PI	University of California, San Diego (UCSD)	Educational Institution	Alzheimer's Disease Neuroimaging Initiative - 2 (ADNI-2)	700
		Worcester Polytechnic Institute	Educational Institution	Accumulated White Matter Fiber Strain from Repetitive Head Impacts in Contact Sports	47,114
				Model-Based Cumulative Analysis of On-Field Head Impacts in Contact Sports	3,810
Ford, James C	Co-I	Worcester Polytechnic Institute	Educational Institution	Accumulated White Matter Fiber Strain from Repetitive Head Impacts in Contact Sports	
Fortuna, Karen L	PI	Brain & Behavior Research Foundation	Foundation	Peer and Technology Supported Self Management Training	34,954
Gabrielli, Joy L	Co-I	New Hampshire Innovation Research Center	State and Local Government	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	
		Incente, LLC	Corporation	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	
Green, Alan I	PI	National Institute on Drug Abuse (NIDA)	Federal Government	Reward circuit dysfunction, substance use disorder and schizophrenia: a preclinical fMRI-based connectivity study	283,500
				Cannabis, Schizophrenia and Reward: Self-Medication and Agonist Treatment?	893,215
	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Training in the Science of Co-Occurring Disorders	
Hegel, Mark T	PI	University of Rochester	Educational Institution	A Resilience-Building Program to Address Depression among Older Adults with Vision Loss	15,000
Holtzheimer, Paul E	PI	Brain & Behavior Research Foundation	Foundation	Neural Markers of Antidepressant Response to Dorsolateral versus Medial Prefrontal Transcranial Magnetic Stimulation	50,584
Jankowski, Mary K	PI	State of New Hampshire, Division for Children Youth & Families	State and Local Government	Improve Permanency and Well-Being Outcomes for Children Adopted through DCYF	429,920
Khokhar, Jibran Y	PI	National Institute on Alcohol Abuse & Alcoholism (NIAAA)	Federal Government	Neurobiology and Treatment Development for Alcohol Use Disorder in Schizophrenia: A Pre-clinical Multi-modal Neuroimaging Study	153,469
	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Reward circuit dysfunction, substance use disorder and schizophrenia: a preclinical fMRI-based connectivity study	
Li, Zhigang	Co-I	Worcester Polytechnic Institute	Educational Institution	Accumulated White Matter Fiber Strain from Repetitive Head Impacts in Contact Sports	
Marsch, Lisa A	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Training in the Science of Co-Occurring Disorders	

Awards Received Fiscal Year 2018

Psychiatry (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Nicholson, Joanne	PI	Brandeis University	Educational Institution	Parents Empowering Parents: National Research Center for Parents with Disabilities and their Families	72,551
		Harvard Medical School	Educational Institution	Bridges to Health Information for Individuals with Serious Mental Illness	63,105
		University of Massachusetts Medical Center (UMMS)	Institution	Let's Talk – Recovery for Parents Living with Mental Illnesses	19,197
Pepin, Renee L	Co-I	AARP Andrus Foundation	Foundation	Improving Social Connectedness in Homebound Seniors by Integrating Telehealth Behavioral Activation into Meals-on-Wheels Services	
Pratt, Sarah I	PI	National Institute of Mental Health (NIMH)	Federal Government	Automated Telehealth to Improve Psychiatric Self-Management and Community Tenure	658,597
		National Institute on Drug Abuse (NIDA)	Federal Government	The Appeal and Impact of E-cigarettes in Smokers with Serious Mental Illness	586,183
Roth, Robert M	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Cannabis, Schizophrenia and Reward: Self-Medication and Agonist Treatment?	
Sargent, James D	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	The Appeal and Impact of E-cigarettes in Smokers with Serious Mental Illness	
Schifferdecker, Karen E	Co-I	State of New Hampshire, Division for Children Youth & Families	State and Local Government	Improve Permanency and Well-Being Outcomes for Children Adopted through DCYF	
Schnurr, Paula P	PI	Boston University (BU)	Educational Institution	Characterizing Trauma Outcomes: From Pre-trauma Risk to Post-trauma Sequelae	10,685
		VERANNE	Institution	JPA.Trauma Informed Guilt Reduction (TriGR)	19,880
Stanger, Catherine	PI	Incente, LLC	Corporation	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	8,745
		New Hampshire Innovation Research Center	State and Local Government	Integrating Coaches to Promote Engagement with an M-health Collaborative Care App	35,246
	Co-I	National Institute on Drug Abuse (NIDA)	Federal Government	Training in the Science of Co-Occurring Disorders	
Wishart, Heather A	PI	National Multiple Sclerosis Society (NMSS)	Foundation	Cognitive evaluation in MS: Expanding clinical research potential through validation of an online testing battery	140,010
Grand Total					6,277,436

Awards Received Fiscal Year 2018

Radiology

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Alexander, Roberta D	PI	Clarisond, Inc.	Corporation	Adaptive Beamforming for Improved Liver Ultrasound Imaging	23,590
Hoffer, Eric K	PI	NE Scientific LLC	Corporation	An Interoperative Guidance Platform for Radiofrequency Ablation	67,193
Hou, Huagang	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Probes and Methods for Clinical Oximetry	
Kuppusamy, Periannan	PI	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Probes and Methods for Clinical Oximetry	18,000
		Ohio State University (OSU)	Educational Institution	Dissecting the role of STAT3 and targeting ovarian cancer	20,297
Grand Total					129,080

Awards Received Fiscal Year 2018

Surgery

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Barth, Richard J	PI	CairnSurgical, LLC	Corporation	Breast Cancer Locator SBIR	148,671
		John Wayne Cancer Institute (JWCI)	Institution	A Phase III Multicenter Randomized Trial of Sentinel Lymphadenectomy and Complete Lymph Node Dissection Versus Sentinel Lymphadenectomy Alone in Cutaneous Melanoma Patients with Molecular or Histopatho	400
Buckey, Jay C	Co-I	National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Mobile Smartphone Audiometry to Improve Hearing Outcomes in Nicaraguan Children	
Chen, Eunice	Co-I	National Cancer Institute (NCI)	Federal Government	Paired-agent imaging for resection during surgery (PAIRS) for head & neck cancers	
Dragnev, Konstantin H	PI	Southwest Oncology Group (SWOG)	Institution	Selenium and Vitamin E Cancer Prevention Trial (SELECT)	9,950
Goodney, Philip P	PI	New England Research Institutes (NERI)	Professional/Technical Association	Controlled Trial to Compare Best Endovascular v. Best Surgical Therapy in Patients w Critical Limb Ischemia	33,100
Hoopes, P Jack	PI	Boston Scientific Corporation	Corporation	A non-GLP study to evaluate prototype radioactive esophageal stents in Yucatan swine	76,717
		Ethicon Endo-Surgery, Inc.	Corporation	Ethicon Animal Specimen Course	18,328
	Co-I	National Cancer Institute (NCI)	Federal Government	Paired-agent imaging for resection during surgery (PAIRS) for head & neck cancers	
Hourdequin, Kathryn C	PI	Novartis Pharmaceuticals Corporation	Corporation	A Phase II, Randomized, Open-Label, Multicenter Study of 5 Year Adjuvant Imatinib Mesylate (Gleevec) in Patients at Significant Risk for Recurrence following Complete Resection of Primary GIST	14,252
McCullough, Jock N	PI	Icahn School of Medicine at Mount Sinai	Educational Institution	Evaluating the Benefit Of Concurrent Tricuspid Valve Repair During Mitral Surgery	21,265
Paulsen, Keith D	Co-I	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Coregistered Fluorescence-Enhanced Resection of Malignant Glioma	
Pogue, Brain W	Co-I	National Cancer Institute (NCI)	Federal Government	Paired-agent imaging for resection during surgery (PAIRS) for head & neck cancers	
Powell, Richard J	PI	Mayo Clinic	Institution	Carotid Revascularization and Medical Management for Asymptomatic Carotid Stenosis Trial	5,980
Roberts, David W	PI	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Coregistered Fluorescence-Enhanced Resection of Malignant Glioma	509,250
Samkoe, Kimberley S	PI	National Cancer Institute (NCI)	Federal Government	Paired-agent imaging for resection during surgery (PAIRS) for head & neck cancers	364,370
Saunders, James	PI	National Institute on Deafness & Other Communication Disorders (NIDCD)	Federal Government	Mobile Smartphone Audiometry to Improve Hearing Outcomes in Nicaraguan Children	226,351
Simmons, Nathan E	Co-I	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Coregistered Fluorescence-Enhanced Resection of Malignant Glioma	
Tosteson, Tor D	Co-I	National Institute of Neurological Disorders & Stroke (NINDS)	Federal Government	Coregistered Fluorescence-Enhanced Resection of Malignant Glioma	
Grand Total					1,428,634

Awards Received Fiscal Year 2018

SYNERGY

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Green, Alan I	PI	National Center for Advancing Translational Sciences	Federal Government	SYNERGY UL1: The Dartmouth Center for Clinical and Translational Science	319,655
Grand Total					319,655

Awards Received Fiscal Year 2018

SYNERGY Administration

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Green, Alan I	PI	Harvard Medical School	Educational Institution	SMART IRB	69,644
Grand Total					69,644

Awards Received Fiscal Year 2018

The Dartmouth Institute

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Adachi-Meja, Anna M	PI	Endowment for Health	Foundation	Aging in New Hampshire: Using photovoice to engage the perspectives of communities of color and of language minorities	24,994
		La Salle University	Educational Institution	Intergenerational transmission of smoking in low SES and minority populations	32,305
		National Center for Chronic Disease Prevention & Health Pr (CDPHP)	Federal Government	Health Promotion and Disease Prevention Research Center	1,084,000
Adams, Lisa V	PI	John E. Fogarty International Center (FIC)	Federal Government	Dartmouth-Boston University HIV-TB Research Training for the Infectious Disease Institute at Muhimbili University of Health and Allied Sciences	303,688
		Merck, Sharpe & Dohme	Corporation	Geisel/Merck Partnership to Create a Health Equity Fellowship	10,695
		Rwanda Ministry of Health	Federal Government	Rwanda Human Resources for Health Program	155,285
Agha, Leila	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Anton, Kristen	Co-I	Arthritis Foundation	Foundation	Establishing a Pediatric and Adult Rheumatology Learning Health System	
		University of California, Davis (UCDavis)	Educational Institution	Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density	
Aschbrenner, Kelly A	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Self-Management Training and Automated Telehealth to Improve SMI Health Outcomes	
		National Center for Chronic Disease Prevention & Health Pr (CDPHP)	Federal Government	Health Promotion and Disease Prevention Research Center	
Austin, Andrea M	PI	Brigham and Women's Hospital (BWH)	Institution	Advance Care Planning and Health Care Utilization in Aging Women	9,750
		National Institute on Aging (NIA)	Federal Government	The Role of Physician Networks on Racial Disparities in Intensity of Care for Dementia Patients	81,000
	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Barnato, Amber	PI	Donaghue Foundation	Foundation	Narrative Engagement to Motivate Advance Care Planning	60,500
		University of Pittsburgh (UP)	Educational Institution	A Novel Intervention to Make Heuristics a Source of Power for Physicians	20,297
	Co-PD/PI	Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	
Barr, Paul J	PI	Gordon and Betty Moore Foundation	Foundation	The Open Recording Automated Log System (ORALS). Development of ORALS and its impact on patient and family engagement	168,383
		National Library of Medicine (NLM)	Federal Government	Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	352,350
	Co-I	LUX Med Ltd.	Corporation	Piloting Option Grid and CollaborATE in Warsaw, Poland, in partnership with LUX MED	
Bartels, Stephen J	PI	National Institute of Mental Health (NIMH)	Federal Government	RCT of a Learning Collaborative to Implement Health Promotion in Mental Health	736,299
				Self-Management Training and Automated Telehealth to Improve SMI Health Outcomes	579,924
Batalden, Paul B	PI	Robert Wood Johnson Foundation (RWJF)	Foundation	Planning for the International Coproduction Health Network (ICoHN)	149,999
		RxFoundation.com, LLC	Foundation	International Coproduction Network (ICON)	100,000
	Co-I	Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	
Brooks, Corinne G	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Brown, Jeremiah R	PI	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Novel Biomarkers to Predict Readmission in Pediatric and Adult Heart Surgery	763,525
				Information Extraction from EMRs to Predict Readmission following Acute Myocardial Infarction	755,091
Bruce, Martha Livingston	Co-I	National Library of Medicine (NLM)	Federal Government	Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	
Brunette, Mary F	Co-I	National Center for Chronic Disease Prevention & Health Pr (CDPHP)	Federal Government	Health Promotion and Disease Prevention Research Center	
Bynum, Julie P	PI	Brigham and Women's Hospital (BWH)	Institution	Urinary Incontinence Epidemiology and Care Seeking	40,375
		CalPACE	Professional/Technical Association	PACE Program New Request of Dartmouth Atlas	22,740
		University of Michigan (UMICH)	Educational Institution	Accountable Care Organizations and the Diffusion of New Surgical Procedures	98,107
				The Availability of Chiropractic Care and Use of Health Services for Back Pain	3,806
	Co-I	Donaghue Foundation	Foundation	Transforming Nursing Home Care Under the ACO Model	
	National Institute on Aging (NIA)	Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures		

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Calderwood, Audrey H	PI	Valeant Pharmaceuticals North America LLC	Corporation	Improving Surveillance Colonoscopy in Older Adults	41,543
Chang, Chiang-Hua	Co-I	Brigham and Women's Hospital (BWH)	Institution	Identifying Cascades of Low-Value Care and the Organizational Practices That Prevent Them	
		CalPACE	Professional/Technical Association	PACE Program New Request of Dartmouth Atlas	
		National Institute of Mental Health (NIMH)	Federal Government	Mental Health Care Under New Payment Strategies	
		National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Colla, Carrie H	PI	Brigham and Women's Hospital (BWH)	Institution	Identifying Cascades of Low-Value Care and the Organizational Practices That Prevent Them	203,781
		Brown University	Educational Institution	The Impact of Accountable Care Organizations on Post Acute Care	13,528
		Commonwealth Fund	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	101,204
		Donaghue Foundation	Foundation	Transforming Nursing Home Care Under the ACO Model	85,804
		Robert Wood Johnson Foundation (RWJF)	Foundation	Health Policy Fellowship 2017-2018	82,500
	Co-PD/PI	Hartford Foundation	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Peterson Center on Healthcare	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Robert Wood Johnson Foundation (RWJF)	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
	Co-I	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Accelerating the Use of Evidence-based Innovation in Healthcare Systems	
		National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
		National Institute of Mental Health (NIMH)	Federal Government	Mental Health Care Under New Payment Strategies	
		University of Michigan (UMICH)	Educational Institution	Assessing the Effects of Accountable Care Organizations on Surgical Spending and Quality	
		The SCAN Foundation	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	
Das, Amarendra K	Co-I	Gordon and Betty Moore Foundation	Foundation	The Open Recording Automated Log System (ORALS). Development of ORALS and its impact on patient and family engagement	
Davies, Louise	PI	Kaiser Permanente	Corporation	Ongoing Technical Support to the US Preventive Services Task Force (USPSTF)	5,695
Drew, Aurora L	PI	Baystate Medical Center	Institution	Drug Injection Surveillance and Care Enhancement for Rural Northern New England (DISCERNNE)	203,064
Durand, Marie-Anne	PI	Aston University	Educational Institution	Facilitating Shared Decision Making in Tinnitus care: The development of a tinnitus decision aid	4,910
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Comparative Effectiveness of Encounter Decision Aids for Early Stage Breast Cancer Across Socioeconomic Strata	756,669
		University of Hertfordshire	Educational Institution	WIELD Study	4,161
Durand, Marie-Anne	Co-I	LUX Med Ltd.	Corporation	Piloting Option Grid and CollaborATE in Warsaw, Poland, in partnership with LUX MED	
Emeny, Rebecca T	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Erekson, Elisabeth D	Co-I	Brigham and Women's Hospital (BWH)	Institution	Urinary Incontinence Epidemiology and Care Seeking	
Fisher, Elliott S	PI	Peterson Center on Healthcare	Foundation	Planning Grant to Monitor Health System Performance	148,000
	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Fjeld-Sparks, Kristina E	PI	Health Resources & Svcs Admin (HRSA)	Federal Government	Model State Supported Area Health Education Center Program (AHEC)	206,000
		Maine Quality Counts	Corporation	Northern New England Extension for Community Healthcare Outcomes-Community Assessment and Resources	5,000
		Substance Abuse & Mental Health Services Admin (SAMHSA)	Federal Government	New Hampshire Screening, Brief Intervention, and Referral to Treatment Inter-Professional Education Training Collaborative	207,100
Flaherty, Ellen	PI	Administration for Community Living (ACL)	Federal Government	Evidence-Based Falls Prevention Programs	219,630

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Foster, Tina C	Co-I	Robert Wood Johnson Foundation (RWJF)	Foundation	Planning for the International Coproduction Health Network (ICoHN)	
		RxFoundation.com, LLC	Foundation	International Coproduction Network (ICON)	
Foster-Johnson, V Lynn	PI	Rivier University	Educational Institution	Behavioral Health Workforce Education and Training Program	24,150
Fraze, Taressa	PI	University of California, Berkeley	Educational Institution	State Innovation Model Initiative Impacts on Diabetes Prevention and management	32,245
		Commonwealth Fund	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	
		Donaghue Foundation	Foundation	Demonstrating Methods to Integrate Clinical Care and Social Services Among Health Care Providers Under Value-Based Payment	
		Peterson Center on Healthcare	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Robert Wood Johnson Foundation (RWJF)	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
Ganoe, Craig H	Co-I	National Library of Medicine (NLM)	Federal Government	Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	
Godfrey, Marjorie M	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Accelerating Improvement for CF Care	1,366,079
			Foundation	Cystic Fibrosis Lung Transplant Transition Learning and Leadership Collaborative	1,274,622
Goodman, David C	PI	Anthem Foundation	Foundation	Improving Value in Neonatal Intensive Care Through Public Reporting - A Dartmouth Atlas of Health Care Project	261,518
Goodney, Philip P	PI	Society for Vascular Surgery	Professional/Technical Association	Creating National Surveillance Infrastructure for Priority Medical Devices	149,426
		National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
			Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures	
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Advancing Patient Centered Outcomes Research in Survival Data with Unmeasured Confounding to Improve Patient Risk Communication	
Hassanpour, Saeed	PD/PI	National Library of Medicine (NLM)		Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	
	Co-PD/PI	National Heart Lung & Blood Institute (NHLBI)		Information Extraction from EMRs to Predict Readmission following Acute Myocardial Infarction	
Jevsevar, David S	Co-I	University of Utah (UoU)	Educational Institution	Influence of an expanded bundled payment program on patient-reported outcomes, episode-of-care costs, procedure volume, and safety	
Jones-Elwyn, Glyn	PI	LUX Med Ltd.	Corporation	Piloting Option Grid and CollaborATE in Warsaw, Poland, in partnership with LUX MED	5,048
		Yale University	Educational Institution	Expanding Medication Assisted Therapy in Ukraine (ExMAT)	40,181
	Co-I	Aston University	Educational Institution	Facilitating Shared Decision Making in Tinnitus care: The development of a tinnitus decision aid	
		Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	
		National Library of Medicine (NLM)	Federal Government	Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Advancing Patient Centered Outcomes Research in Survival Data with Unmeasured Confounding to Improve Patient Risk Communication	
			Institution	Comparative Effectiveness of Encounter Decision Aids for Early Stage Breast Cancer Across Socioeconomic Strata	
		RxFoundation.com, LLC	Foundation	International Coproduction Network (ICON)	
Kapadia, Nirav S	Co-I	Brigham and Women's Hospital (BWH)	Institution	Long Term Multidisciplinary Study of Cancer in Women: The Nurses Health Study	
Khayal, Inas	PI	Robert Wood Johnson Foundation (RWJF)	Foundation	Using machine-learning techniques to examine patterns of multiple community-level health factors in creating healthier, more-equitable communities	50,000
	Co-I	Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	
Kirkland, Kathryn B	Co-PD/PI	Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Kotzbauer, Greg	PI	Leavitt Partners, LLC	Corporation	Accountable Care Learning Collaborative	263,800
Lewis, Valerie A	PI	Donaghue Foundation	Foundation	Demonstrating Methods to Integrate Clinical Care and Social Services Among Health Care Providers Under Value-Based Payment	204,896
		National Institute on Aging (NIA)	Federal Government	The Effects of Accountable Care Organizations on Health Care Disparities	130,140
		University of Michigan (UMICH)	Educational Institution	Will the Reach of ACOs Extend to Specialty Care?	48,663
				Assessing the Effects of Accountable Care Organizations on Surgical Spending and Quality	10,724
	Co-I	Commonwealth Fund	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	
		National Institute of Mental Health (NIMH)	Federal Government	Mental Health Care Under New Payment Strategies	
		National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
		Peterson Center on Healthcare	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Robert Wood Johnson Foundation (RWJF)	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
	Leyenaar, JoAnna K	PI	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Evaluating the safety and effectiveness of pediatric direct admissions to hospital
Lurie, Jon D	PI	National Institute of Arthritis & Musculoskeletal & Skin Dis (NIAMS)	Federal Government	Orthopaedic Resident Clinician/Researcher Program	153,049
		New England Pediatric Device Consortium	Institution	New England Pediatric Device Consortium	30,725
		Palmer College of Chiropractic	Educational Institution	Chiropractic Care for Veterans: A Pragmatic Randomized Trial Addressing Dose Effects for cLBP	42,525
		Scoliosis Research Society (SRS)	Foundation	A Multi-Centered Prospective Study of Quality of Life in Adult Scoliosis II	15,635
		Simbex, LLC	Corporation	Translation of Rehabilitation Engineering Advances and Technology (TREAT 2.0)	120,207
MacKenzie, Todd A	Co-I	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Novel Biomarkers to Predict Readmission in Pediatric and Adult Heart Surgery	
		New England Pediatric Device Consortium	Institution	New England Pediatric Device Consortium	
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Advancing Patient Centered Outcomes Research in Survival Data with Unmeasured Confounding to Improve Patient Risk Communication	
		Simbex, LLC		Translation of Rehabilitation Engineering Advances and Technology (TREAT 2.0)	
Marsh, Bryan J	Co-I	University of Massachusetts Memorial Medical Center	Institution	New England AIDS Education and Training Center	
Meara, Ellen R	PI	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Accelerating the Use of Evidence-based Innovation in Healthcare Systems	3,497,057
		California Health Care Foundation	Foundation	Mental health care and value-based payment: comparing California to the U.S.	110,000
		Hartford Foundation	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	31,580
		National Bureau of Economic Research (NBER)	Professional/Technical Association	Medical Care, Work and Income before Disability Application, Part II	24,892
		National Institute of Mental Health (NIMH)	Federal Government	Mental Health Care Under New Payment Strategies	640,571
		Peterson Center on Healthcare	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	31,580
		Robert Wood Johnson Foundation (RWJF)	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	94,735
		The SCAN Foundation	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	31,580
	Yale University	Educational Institution	Young adults, health care use and psychosis	113,787	
Co-I	National Institute on Aging (NIA)	Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures		
Mecchella, John N.	Co-I	Arthritis Foundation	Foundation	Establishing a Pediatric and Adult Rheumatology Learning Health System	
Mishra, Manish K	PI	Bupa	Corporation	Clinical Academic Partnership	347,664
Morden, Nancy E.	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Mulley, Albert G	PI	UCLPartners Ltd.	Corporation	Place Based Care Network Programme to Advance Accountable Care System Readiness in North Central and North East London	54,338
Munson, Jeffrey C	Co-I	National Institute on Aging (NIA)	Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures	

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Nelson, Eugene C	PI	Arthritis Foundation	Foundation	Establishing a Pediatric and Adult Rheumatology Learning Health System	600,000
				Establishing a Registry-Based Learning Health System for the Arthritis Community for Coproducing Health, Improvement and Research: Is the time right?	45,365
		Crohn's & Colitis Foundation of America	Foundation	IBD Qorus: Quality of Care Program for Adult Patients with Inflammatory Bowel Disease	429,482
		Cystic Fibrosis Foundation (CFF)	Foundation	Ongoing Development of a National Program of Quality Improvement in CF Care	222,591
		Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	660,875
	Co-I	RxFoundation.com, LLC	Foundation	International Coproduction Network (ICON)	
Nelson, William A	PI	Department of Veterans Affairs (VA)	Federal Government	VA Rural Clergy Project	9,697
Oliver, Brant J	Co-PD/PI	Crohn's & Colitis Foundation of America	Foundation	IBD Qorus: Quality of Care Program for Adult Patients with Inflammatory Bowel Disease	
O'Malley, Alistair J	PI	Harvard Medical School	Educational Institution	Identifying Predictors of Hospital Admission from the ED Among the Elderly	28,078
		Harvard University	Educational Institution	Social Networks and the Spread of Cancer Care Practices	31,045
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Advancing Patient Centered Outcomes Research in Survival Data with Unmeasured Confounding to Improve Patient Risk Communication	426,431
		Yale University	Educational Institution	Consumer Assessment of healthcare Providers and Systems CAHPS IV	38,880
	Co-I	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Accelerating the Use of Evidence-based Innovation in Healthcare Systems	
		National Center for Chronic Disease Prevention & Health Pr (CDPHP)	Federal Government	Health Promotion and Disease Prevention Research Center	
		National Institute on Aging (NIA)	Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures	
		National Library of Medicine (NLM)	Federal Government	Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries	
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Comparative Effectiveness of Encounter Decision Aids for Early Stage Breast Cancer Across Socioeconomic Strata	
		University of Utah (UoU)	Educational Institution	Influence of an expanded bundled payment program on patient-reported outcomes, episode-of-care costs, procedure volume, and safety	
O'neal, Tracy L	Co-I	Brigham and Women's Hospital (BWH)	Institution	Long Term Multidisciplinary Study of Cancer in Women: The Nurses Health Study	
		Peterson Center on Healthcare	Foundation	Planning Grant to Monitor Health System Performance	
Ouayogode, Marietou H L	Co-I	Commonwealth Fund	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of High-Need, High-Cost Beneficiaries in ACOs	
		Hartford Foundation	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Peterson Center on Healthcare	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
		Robert Wood Johnson Foundation (RWJF)	Foundation	Evaluating the Formation and Performance of ACOs: Understanding the Management of Patients with Complex Needs in ACOs	
Pratt, Sarah I	Co-I	National Center for Chronic Disease Prevention & Health Pr (CDPHP)	Federal Government	Health Promotion and Disease Prevention Research Center	
		National Institute of Mental Health (NIMH)	Federal Government	Self-Management Training and Automated Telehealth to Improve SMI Health Outcomes	
				RCT of a Learning Collaborative to Implement Health Promotion in Mental Health	
Purvis, Lisa A	PI	University of Massachusetts Medical Center (UMMS)	Institution	New England AIDS Education and Training Center	2,000

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ramkumar, Niveditta	PI	American Heart Association (AHA)	Foundation	Sex Differences in Presentation, Treatment and Outcomes of Vascular Procedures	26,844
		Oak Ridge Institute for Science and Education (ORISE)	Federal Government	Research Participation Program at the U.S. Food and Drug Administration	5,422
Ratts, Ryan C	Co-I	New England Pediatric Device Consortium	Institution	New England Pediatric Device Consortium	
		Simbex, LLC	Corporation	Translation of Rehabilitation Engineering Advances and Technology (TREAT 2.0)	
Rockmore, Daniel N	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
Schifferdecker, Karen E	PI	Arthritis Foundation	Foundation	Selecting and Implementing Long-Term Measures	176,267
		White River Junction VA Medical Center (WRJ VA)	Federal Government	VA Chief Resident in Quality & Patient Safety Program - Schifferdecker IPA	77,665
	Federal Government		VA Chief Resident in Quality and Patient Safety Program - Butcher IPA	70,619	
Co-I	University of California, Davis (UCDavis)	Educational Institution	Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density		
Schwartz, Lisa	PI	National Cancer Institute (NCI)	Federal Government	Population-Based vs. Self-Selected Cohorts as the Source of Relative Risk Estimates by Smoking Status	40,000
	Co-I	University of North Carolina at Chapel Hill (UNC-CH)	Educational Institution	Enhancing Patient Ability to Understand and Utilize Complex Information Concerning Medication Self-Management	
Skinner, Jonathan S	PI	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	2,467,534
				Technology Diffusion, Health Outcomes, and Healthcare Expenditures	870,665
Staiger, Douglas O	PI	Montana State University (MSU)	Educational Institution	Staiger Health Workforce Studies Program	72,242
		University of Pennsylvania	Educational Institution	NICU Performance: Missed Nursing Care and Infant Outcomes	38,982
	Co-I	National Institute on Aging (NIA)	Federal Government	Causes and Consequences of Healthcare Efficiency	
		National Institute on Aging (NIA)	Federal Government	Technology Diffusion, Health Outcomes, and Healthcare Expenditures	
		Patient-Centered Outcomes Research Institute (PCORI)	Institution	Advancing Patient Centered Outcomes Research in Survival Data with Unmeasured Confounding to Improve Patient Risk Communication	
Thompson, Paul	PI	American Foundation for Suicide Prevention	Foundation	Assessment of Suicide and Self-injury to Enhance School Safety	7,624
Thompson, Rachel L	Co-I	RxFoundation.com, LLC	Foundation	International Coproduction Network (ICON)	
Tosteson, Anna N	PI	Brigham and Women's Hospital (BWH)	Institution	Long Term Multidisciplinary Study of Cancer in Women: The Nurses Health Study	277,084
		University of California, Davis (UCD)	Educational Institution	Comparative Effectiveness of Breast Cancer Screening and Diagnostic Evaluation by Extent of Breast Density	168,659
				Risk-Based Breast Cancer Screening and Surveillance in Community Practice - Core A & C	49,530
	University of Utah (UoU)	Educational Institution	Influence of an expanded bundled payment program on patient-reported outcomes, episode-of-care costs, procedure volume, and safety	116,950	
	Co-I	Agency for Healthcare Research & Quality (AHRQ)	Federal Government	Accelerating the Use of Evidence-based Innovation in Healthcare Systems	
Patient-Centered Outcomes Research Institute (PCORI)	Institution	Comparative Effectiveness of Encounter Decision Aids for Early Stage Breast Cancer Across Socioeconomic Strata			
Weiss, John C	PI	Mayo Clinic	Institution	Transforming Clinical Practices Initiative	50,000
Weiss, Lisa T	Co-I	Gordon and Betty Moore Foundation	Foundation	Palliative Care Learning Health System Incubator	

Awards Received Fiscal Year 2018

The Dartmouth Institute (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Woloshin, Steven	PI	University of North Carolina at Chapel Hill (UNC-CH)	Educational Institution	Enhancing Patient Ability to Understand and Utilize Complex Information Concerning Medication Self-Management	28,371
	Co-I	National Cancer Institute (NCI)	Federal Government	Population-Based vs. Self-Selected Cohorts as the Source of Relative Risk Estimates by Smoking Status	
Xie, Haiyi	Co-I	National Institute of Mental Health (NIMH)	Federal Government	Self-Management Training and Automated Telehealth to Improve SMI Health Outcomes	
Zubkoff, Lisa	Co-I	National Institute of Mental Health (NIMH)	Federal Government	RCT of a Learning Collaborative to Implement Health Promotion in Mental Health	
Grand Total					24,215,399

GUARINI SCHOOL OF GRADUATE AND ADVANCED STUDIES

Departmental Award Analysis

Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>
Graduate Studies	373,000	0	373,000	373,000	0	373,000	0%		0%
TOTAL	373,000	0	373,000	373,000	0	373,000	0%		0%

GRADUATE AND ADVANCED STUDIES
Award Detail

Awards Received Fiscal Year 2018

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Kull, F Jon	PI	National Science Foundation (NSF)	Federal Government	Graduate Research Fellowship Program	373,000
Grand Total					373,000

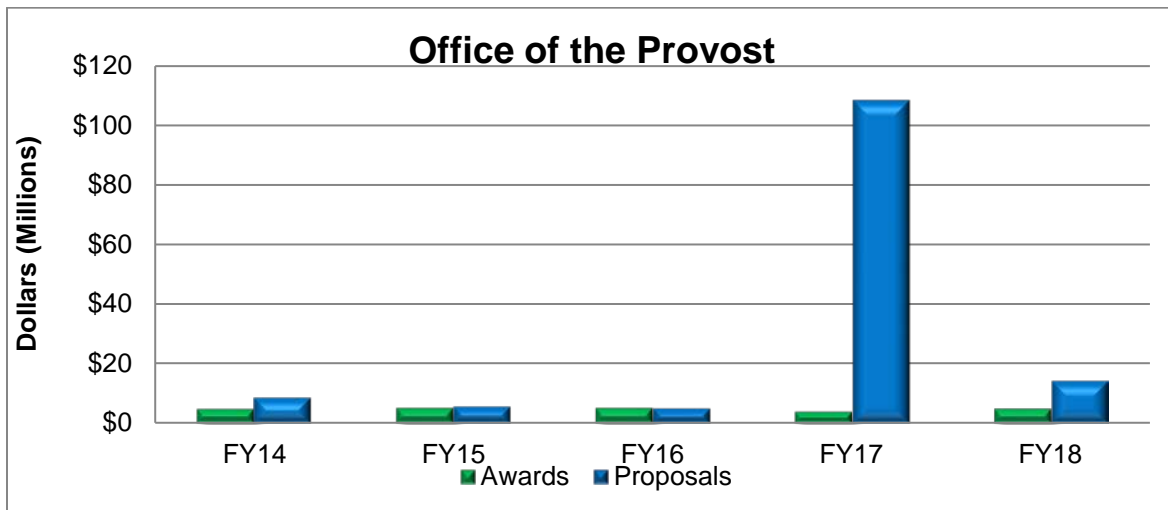
Office of the Provost

Award and Proposal Detail

During fiscal year 2018, the Office of the Provost managed 26 sponsored projects for a total of \$4,471,301 in awards, which was an increase of 27% over FY17. Excluding the single large proposal in 2017 of \$100,000,000, proposal dollars increased 68% in 2018. Table 1 identifies sponsoring agencies awarding more than \$1,000,000 to the Office of the Provost during 2018. Table 2 categorizes Direct and Indirect awards to the Office by purpose. Table 3 displays a five-year comparison of awards and proposals. The charts on the following pages show the distribution of awards and proposals between departments and the percentage of funding by sponsoring agency. In the awards detail section, some awards are listed under the managing unit rather than the specific department.

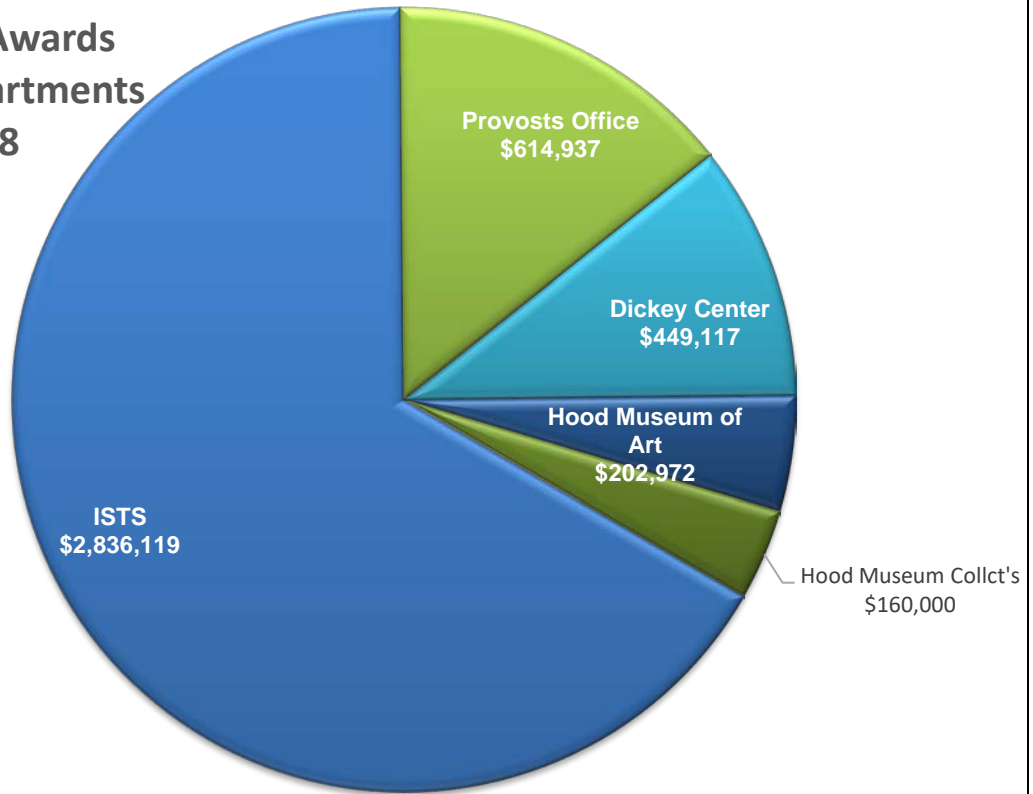
Agency	Award Amount
NSF	2,238,912

Purpose	Direct	Indirect	Total
Research	2,428,315	842,798	3,271,113
Other	1,080,108	120,080	1,200,188
Total	\$3,508,423	\$962,878	\$4,471,301

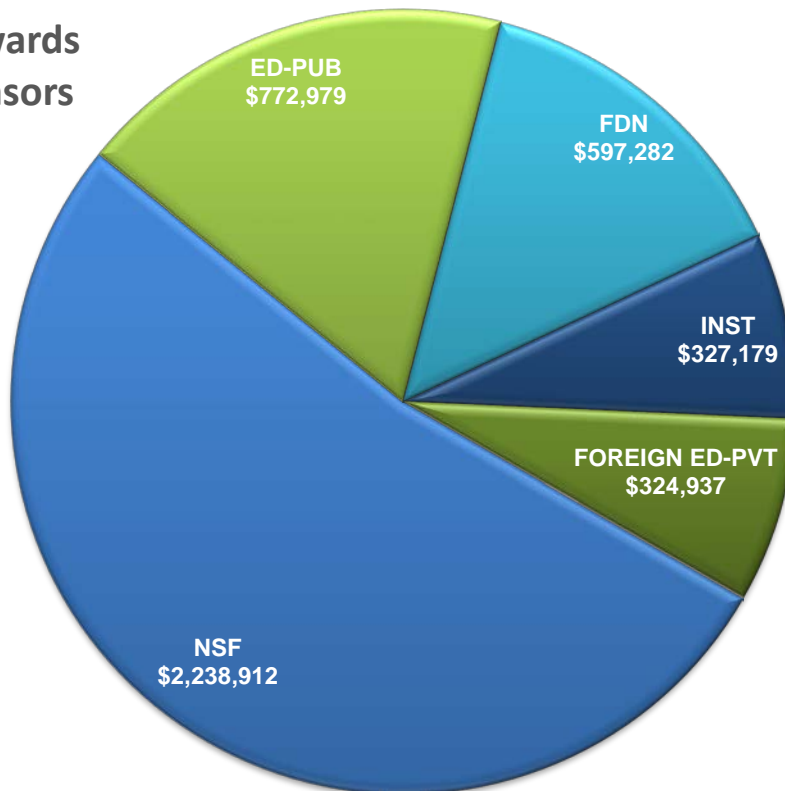


	FY14	FY15	FY16	FY17	FY18
Awards	\$4,369,046	\$4,685,447	\$4,615,016	\$3,510,838	\$4,471,301
Proposals	\$8,689,343	\$5,683,426	\$5,081,043	\$108,519,096	\$14,382,921

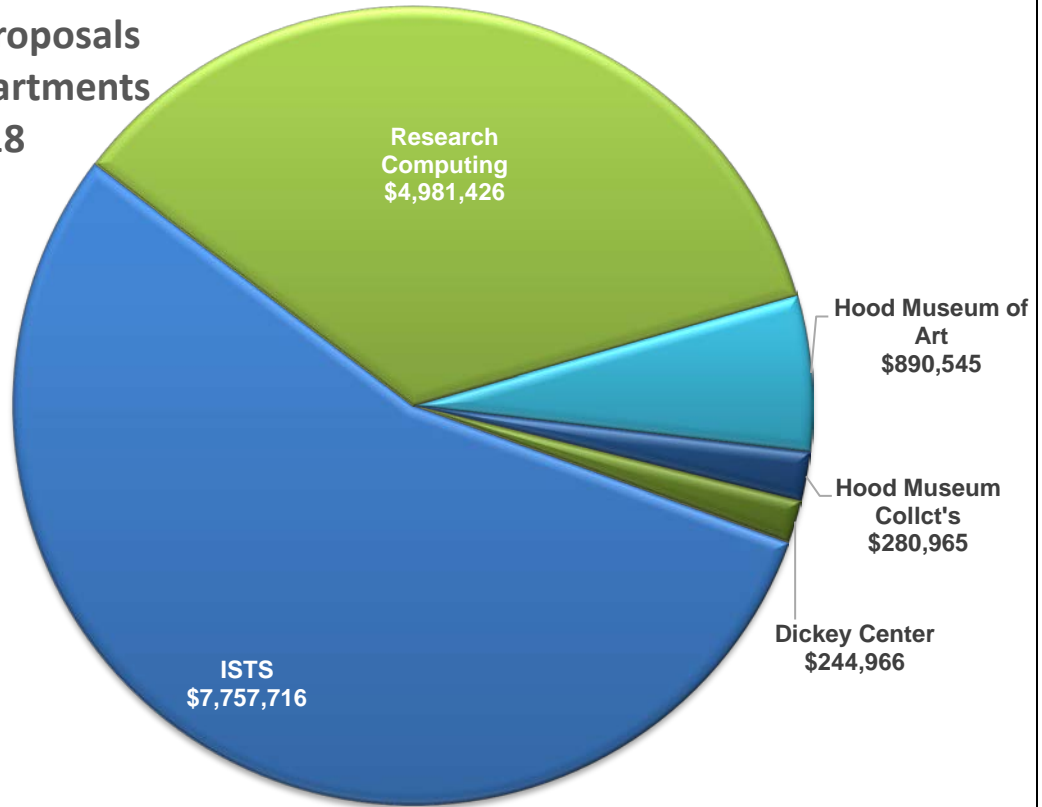
**Provost Awards
Top 5 Departments
FY18**



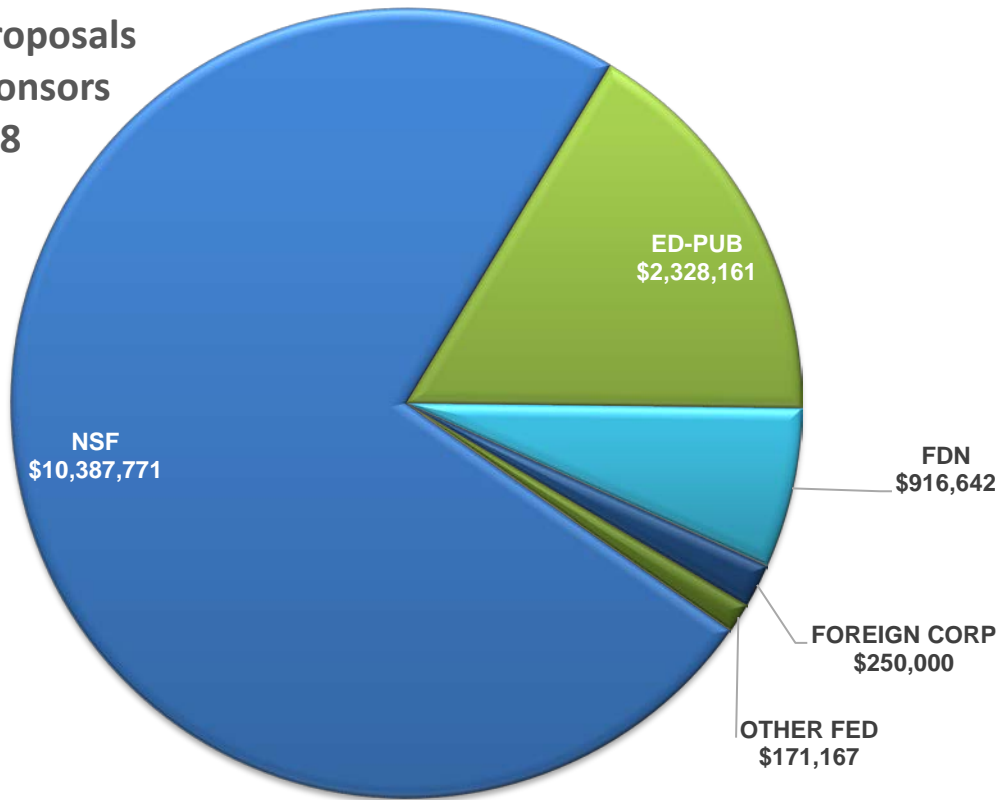
**Provost Awards
Top 5 Sponsors
FY18**



**Provost Proposals
Top 5 Departments
FY18**



**Provost Proposals
Top 5 Sponsors
FY18**



OFFICE OF THE PROVOST
Departmental Award Analysis
Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>
Dartmouth Entrepreneurial Network	138,620	1,380	140,000	94,933	5,067	100,000	-32%	267%	-29%
Dickey Center	138,846	11,154	150,000	393,323	55,794	449,117	183%	400%	199%
Hood Museum Collections	0	0	0	160,000	0	160,000			
Hood Museum	50,000	0	50,000	202,972		202,972	306%		306%
Hop Visiting Artists	210,813	0	210,813	25,000		25,000	-88%		-88%
ISTS	1,489,887	829,837	2,319,724	2,020,392	815,727	2,836,119	36%	-2%	22%
Office of Pluralism & Leadership (OPAL)	0	0	0	5,000	0	5,000			
Office of the Provost	481,849	72,038	553,887	536,060	78,877	614,937	11%	9%	11%
Office of the Provost Admin	41,265	0	41,265	0	0	0	-100%		-100%
Outdoor Programs	45,149	0	45,149	0	0	0	-100%		-100%
Surgery - VA Contract	0	0	0	70,743	7,413	78,156			
TOTAL	2,596,429	914,409	3,510,838	3,508,423	962,878	4,471,301	35%	5%	27%

Awards Received Fiscal Year 2018

Dartmouth Entrepreneurial Network

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Gerngross, Tillman U	PI	National Science Foundation (NSF)	Federal Government	I-Corps Sites: Bridging the Gap: Dartmouth's I-Corps Site for Translating Science and Technology Discoveries to Value	100,000
Ray, Laura E	Co-PD/PI	National Science Foundation (NSF)	Federal Government	I-Corps Sites: Bridging the Gap: Dartmouth's I-Corps Site for Translating Science and Technology Discoveries to Value	
Grand Total					100,000

Awards Received Fiscal Year 2018

Dickey Center

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Albert, Mary R	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Partnerships for polar science education and outreach in Greenland (JSEP) and Antarctica (JASE)	
Ayres, Matthew P	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Partnerships for polar science education and outreach in Greenland (JSEP) and Antarctica (JASE)	
Benjamin, Daniel	PI	International Research and Exchanges Board (IREX)	Institution	2018 Mandela Washington Fellowship for Young African Leaders Institute	145,000.00
Culler, Lauren E	PI	National Science Foundation (NSF)	Federal Government	Facilitating increased engagement between the research communities of Greenland and the U.S	47,957
	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Partnerships for polar science education and outreach in Greenland (JSEP) and Antarctica (JASE)	
Virginia, Ross A	PI	Institute of International Education (IIE)	Institution	Fulbright Arctic Initiative Round Two Lead Scholar	15,000
		National Science Foundation (NSF)	Federal Government	Partnerships for polar science education and outreach in Greenland (JSEP) and Antarctica (JASE)	241,160
	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Facilitating increased engagement between the research communities of Greenland and the U.S	
Grand Total					449,117

Awards Received Fiscal Year 2018

Hood Museum Collections

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Stomberg, John R	PI	Henry Luce Foundation	Foundation	Reinstallation Grant for the Hood Museum of Art's "Art of North America (18th Century – Present)"	160,000
Grand Total					160,000

Awards Received Fiscal Year 2018

Hood Museum

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Stomberg, John R	PI	Andy Warhol Foundation for the Visual Arts	Foundation	Feedback: Art, Africa, and the Eighties	50,000
		Ford Foundation	Foundation	Native American Art Curatorship and Exhibition	114,782
		National Endowment for the Arts (NEA)	Federal Government	New Commissions of Art for the Exhibition Feedback: Art, Africa, and the Eighties	35,000
		The Danish Arts Foundation	Foundation	Jacob Kirkegaard support for Resonate Spaces: Sound Art at Dartmouth	3,190
Grand Total					202,972

Awards Received Fiscal Year 2018

Hop Visiting Artists

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Lawrence, Margaret A	PI	Mid Atlantic Arts Foundation	Foundation	Southern Exposure Grant for Dayme Arocena	2,500
		National Endowment for the Arts (NEA)	Federal Government	2017NEA01AW1 – NEA Art Works I, FY 2018	22,500
Grand Total					25,000

Awards Received Fiscal Year 2018

ISTS

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Anthony, Denise L	PI	National Science Foundation (NSF)	Federal Government	TWC SBE: Medium: Collaborative: A Socio-Technical Approach to Privacy in a Camera-Rich World	25,892
Halter, Ryan J	Co- PD/PI	National Science Foundation (NSF)	Federal Government	ABR: Collaborative research: Computational Jewelry for Mobile Health	
				CSR:Large:Collaborative Research:Smart earpiece for supporting healthy eating behaviors	
Kotz, David F	PI	National Science Foundation (NSF)	Federal Government	CSR:Large:Collaborative Research:Smart earpiece for supporting healthy eating behaviors	583,483
				ABR: Collaborative research: Computational Jewelry for Mobile Health	382,338
				TWC: Frontier: Collaborative: Enabling trustworthy cybersystems for health and wellness	858,082
Lord, Sara E	Co- PD/PI	National Science Foundation (NSF)	Federal Government	ABR: Collaborative research: Computational Jewelry for Mobile Health	
Marsch, Lisa A	Co-I	National Science Foundation (NSF)	Federal Government	TWC: Frontier: Collaborative: Enabling trustworthy cybersystems for health and wellness	
Odame, Kofi M	Co- PD/PI	National Science Foundation (NSF)	Federal Government	CSR:Large:Collaborative Research:Smart earpiece for supporting healthy eating behaviors	
Smith, Sean W	PI	National Security Agency (NSA)	Federal Government	The ISTS Introductory Cybersecurity Workshop for High School Students	33,020
				The ISTS Advanced Course in Cybersecurity for High School Students	38,146
		SRI International	Institution	The Rapid Attack Detection, Isolation and Characterization Systems (RADICS)	142,179
		University of Illinois at Urbana-Champaign	Educational Institution	CREDC - Cyber Resilient Energy Delivery Consortium	322,134
		Virginia Polytechnic Institute (Virginia Tech)	Educational Institution	Secure Popcorn Linux	450,845
Yang, Xing-Dong	Co- PD/PI	National Science Foundation (NSF)	Federal Government	CSR:Large:Collaborative Research:Smart earpiece for supporting healthy eating behaviors	
Grand Total					2,836,119

Awards Received Fiscal Year 2018

Office of Pluralism & Leadership (OPAL)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Kelly, Reese C	PI	Virginia Lopez Foundation	Foundation	Latina/o Student Advising Discretionary Fund	5,000
Grand Total					5,000

Awards Received Fiscal Year 2018

Office of the Provost

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Austin, Martha F	PI	Institute of International Education (IIE)	Institution	IIE Scholar Rescue Fund Fellowship Year 2	25,000
Eickelman, Dale F	PI	American University of Kuwait	Educational Institution	Dartmouth - American University of Kuwait Program	324,937
Kull, F Jon	PI	Mellon Foundation	Foundation	Society of Fellows Program	265,000
Grand Total					614,937

Awards Received Fiscal Year 2018

Surgery - VA Contract

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Hoopes, P Jack	PI	Department of Veterans Affairs (VA)	Federal Government	VA 3-1 Contract: Vet services.EHS services.Stockroom Drawdown	78,156
Grand Total					78,156

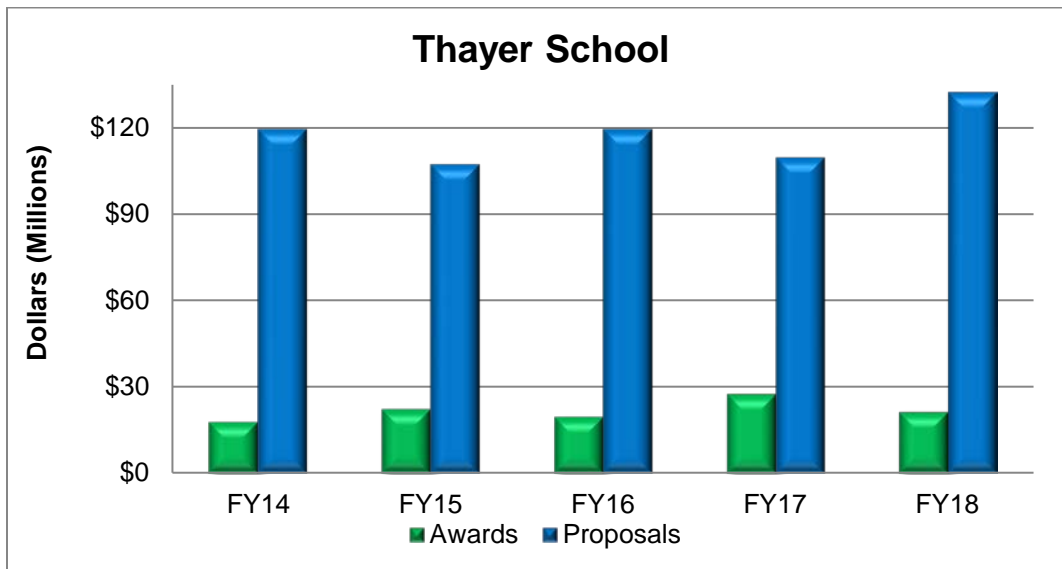
Thayer School of Engineering

Award and Proposal Detail

During fiscal year 2018, the Thayer School managed 96 sponsored projects. Awards decreased 17% whereas proposal dollars increased 21% from fiscal year 2017. Table 1 identifies sponsoring agencies awarding more than \$1,000,000 to the School during 2018. Table 2 categorizes Direct and Indirect awards to the Thayer School by purpose. Table 3 displays a five-year history of awards and proposals. The charts on the following pages show the distribution of awards and proposals between departments and the percentage of funding by sponsoring agency.

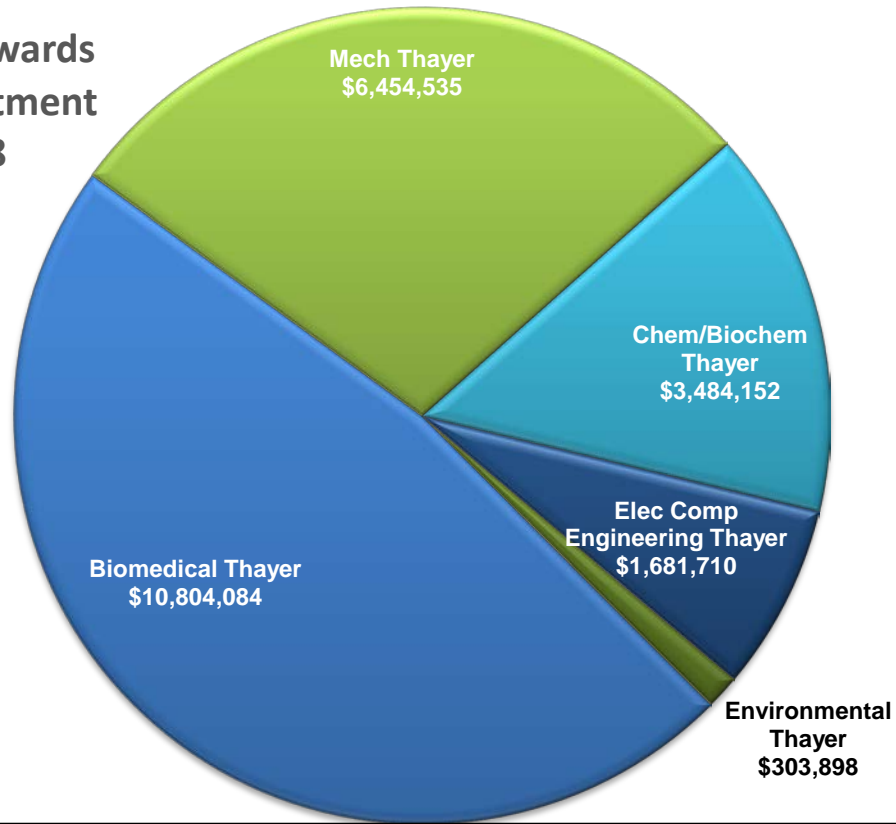
Agency	Award Amount
DHHS	6,992,435
NSF	6,660,050
CORP	1,611,863
DOD	1,578,346
ED-PVT	1,538,315
DOE	1,455,701

Purpose	Direct	Indirect	Total
Research	17,190,207	5,479,172	22,669,379
Other	50,557	8,443	59,000
Total	\$17,240,764	\$5,487,615	\$22,728,379

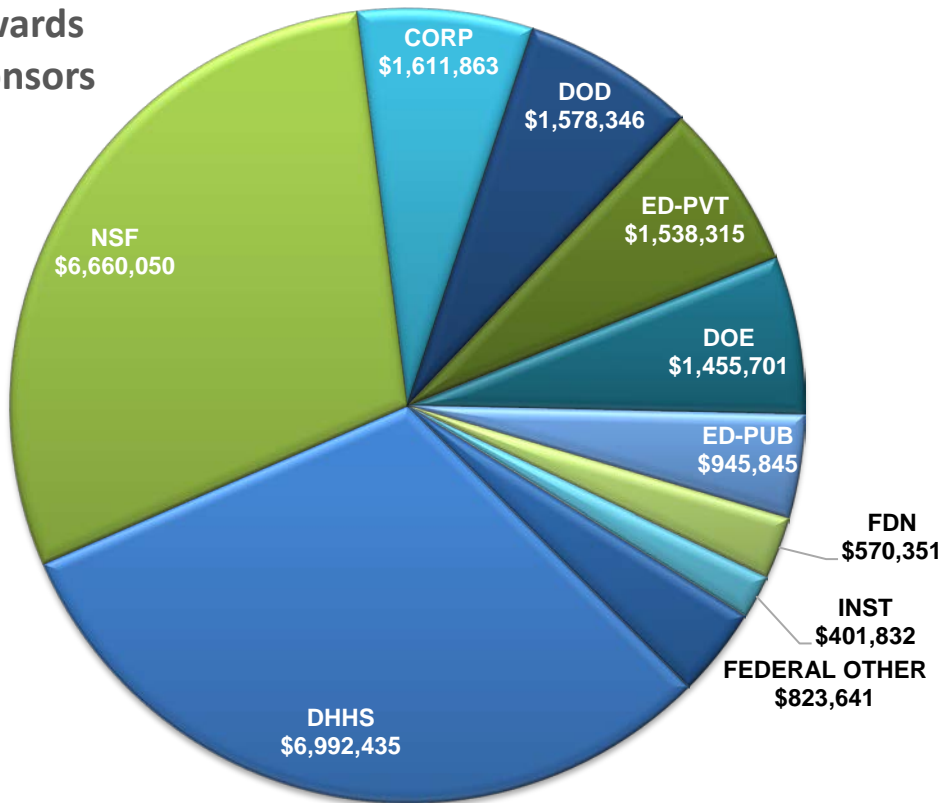


	FY14	FY15	FY16	FY17	FY18
Awards	\$17,754,680	\$22,293,388	\$19,596,704	\$27,509,842	\$22,728,379
Proposals	\$119,469,508	\$107,214,287	\$119,473,903	\$109,536,209	\$132,295,620

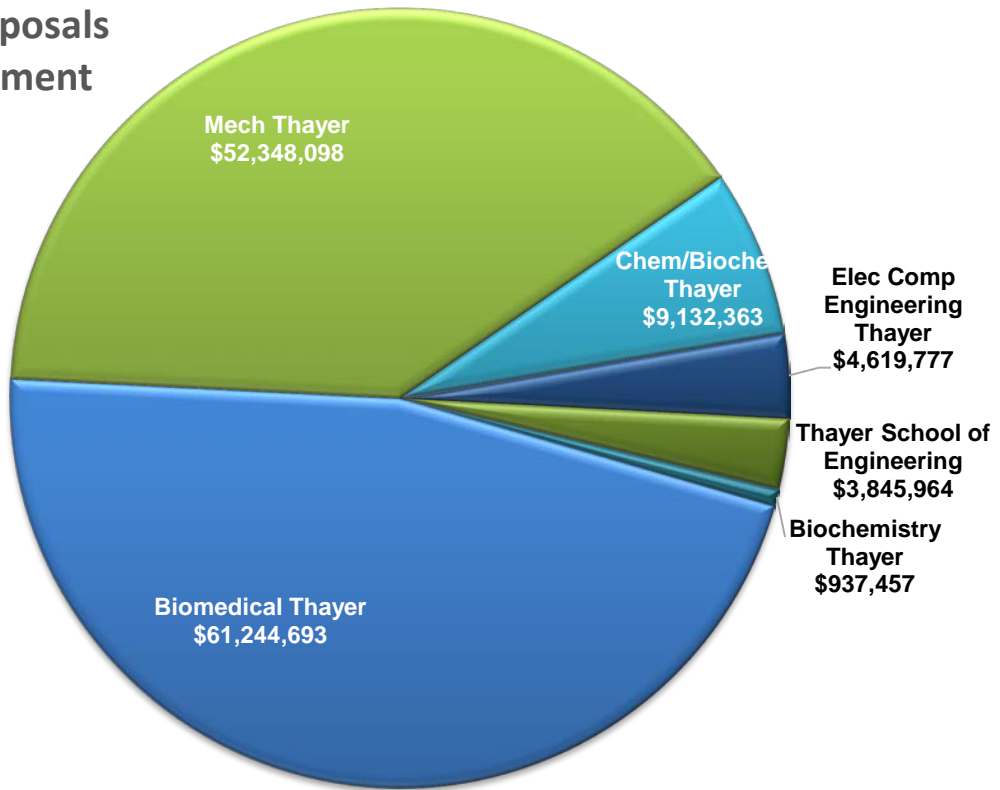
**Thayer Awards
by Department
FY18**



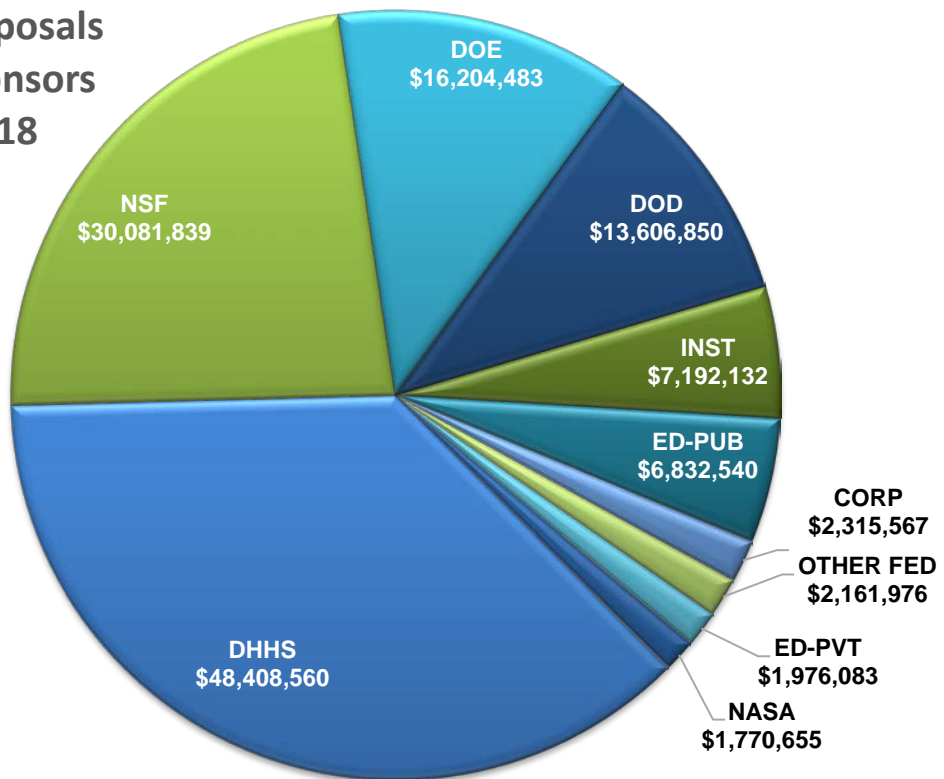
**Thayer Awards
Top 10 Sponsors
FY18**



**Thayer Proposals
by Department
FY18**



**Thayer Proposals
Top 10 Sponsors
FY17FY18**



THAYER SCHOOL OF ENGINEERING

Departmental Award Analysis

Fiscal Years 2017 - 2018

	FY17			FY18			% CHANGE		
	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL</u>
Biomedical Engineering	8,538,235	2,892,689	11,430,924	8,107,443	2,696,641	10,804,084	-5%	-7%	-5%
Chemical & Biochemical Engineering	3,629,576	1,459,685	5,089,261	2,236,241	1,247,911	3,484,152	-38%	-15%	-32%
Electrical & Computer Engineering	1,918,533	628,522	2,547,055	1,167,968	513,742	1,681,710	-39%	-18%	-34%
Environmental Sciences & Engineering	239,553	87,439	326,992	208,126	95,772	303,898	-13%	10%	-7%
Material Science & Mechanical Engineering	7,006,226	1,109,384	8,115,610	5,520,986	933,549	6,454,535	-21%	-16%	-20%
TOTAL	21,332,123	6,177,719	27,509,842	17,240,764	5,487,615	22,728,379	-19%	-11%	-17%

Awards Received Fiscal Year 2018

Biomedical Engineering

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Ackerman, Margaret E	PI	Department of Veterans Affairs (VA)	Federal Government	Combination Therapy using CRISPR/Cas gene editing plus human monoclonal antibodies for a functional HIV cure	10,211
		Duke University	Educational Institution	Bridging Antibody Fc-mediated Antiviral Functions Across humans and Non-human Primates	383,990
				IgG Fc Assessment Services	638,600
		FluGen, Inc.	Corporation	Immunoprofiling of M2SR Study	25,944
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	620,814
		Oregon Health & Science University (OHSU)	Educational Institution	Using Monoclonal Antibody Fc Variants in Strategies to Eliminate HIV Reservoirs	170,389
Alexander, Roberta D	Co-I	National Cancer Institute (NCI)	Federal Government	Microwave Imaging for Neoadjuvant Chemotherapy Monitoring	
Ashare, Alix	Co-I	Cystic Fibrosis Foundation (CFF)	Foundation	Improving P. aeruginosa detection in non-expectorators via breath testing	
Bailey-Kellogg, Christopher J	Co-PD/PI	Duke University	Educational Institution	IgG Fc Assessment Services	
	Co-I	Duke University	Educational Institution	Bridging Antibody Fc-mediated Antiviral Functions Across humans and Non-human Primates	
Baker, Ian	Co-I	LaunchPad Medical, LLC	Corporation	Formation and Structure Property Relationships of an Adhesive Tetra-Calcium Phosphate Bone Cement	
Bean, Heather	Co-PD/PI	Cystic Fibrosis Foundation (CFF)	Foundation	Improving outcomes in CF patients: Toward rapid detection of P. aeruginosa	
Bruza, Petr	PI	DoseOptics LLC	Corporation	Video Rate optical verification tool for radiotherapy treatment plans	205,106
Chen, Zi	PI	Harvard University	Educational Institution	Epithelial Layer Jamming in Breast Cancer Cell Migration	57,587
	Co-I	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Implantable Cardiac Power Generation Using Flexible 3D Porous Thin Films	
Davis, Scott C	PI	National Cancer Institute (NCI)	Federal Government	MRI fluorescence tomography for quantifying tumor receptor concentration in vivo	519,501
				Multi-probe fluorescence imaging for rapid intra-operative tumor margin assessment	597,709
	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	OTOENDOSCOPE PAIRED AGENT IMAGING OF OPIOID RECEPTOR KINETICS DURING DEPENDENCY AND WITHDRAWAL	
Diamond, Solomon G	PI	Simbex, LLC	Corporation	Translation of Rehabilitation Engineering Advances and Technology 2.0	81,037
Elliott, Jonathan T	PI	National Cancer Institute (NCI)	Federal Government	MOLECULAR GUIDED SURGERY FOR IMPROVED RESECTION OF GLIOBLASTOMA MULTIFORME	157,680
		National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	OTOENDOSCOPE PAIRED AGENT IMAGING OF OPIOID RECEPTOR KINETICS DURING DEPENDENCY AND WITHDRAWAL	199,295
		ZOLL Medical Corporation (ZOLL)	Corporation	EVALUATING THE USE OF NEAR INFRARED SPECTROSCOPY IN A SWINE MODEL	21,042
Gladstone, David J	Co-I	DoseOptics LLC	Corporation	Video Rate optical verification tool for radiotherapy treatment plans	
		National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Cerenkov excited luminescence sheet imaging (CELSI)	
Gui, Jiang	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	
Halter, Ryan J	PI	Rytek Medical, Inc.	Corporation	A bioimpedance-based device for TBI monitoring	59,532
		US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Prostate Cancer Grade Mapping with Transrectal Electrical Impedance Tomography	299,355
Hartov, Alexander	Co-PD/PI	National Cancer Institute (NCI)	Federal Government	Microwave Imaging for Neoadjuvant Chemotherapy Monitoring	
Hill, Jane E	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Improving outcomes in CF patients: Toward rapid detection of P. aeruginosa	120,294
				Improving P. aeruginosa detection in non-expectorators via breath testing	367,057
		Harvard Medical School	Educational Institution	Controlled Human Infection Model: detection of vaccine effect in NHPs	175,812
		Henry Luce Foundation	Foundation	Developing Tomorrow's Female Leaders in Science and Engineering	65,000
		University of Pittsburgh (UP)	Educational Institution	Protective Efficacy of BCG Route in Rhesus Macaque	97,746

Awards Received Fiscal Year 2018

Biomedical Engineering (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Hoopes, P Jack	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	
Howell, Alexandra L	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	
Huang, Yina H	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	
Hyams, Elias S	Co-PD/PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Prostate Cancer Grade Mapping with Transrectal Electrical Impedance Tomography	
Jarvis, Lesley A.	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Cerenkov excited luminescence sheet imaging (CELSI)	
Jiang, Shudong	PI	National Cancer Institute (NCI)	Federal Government	Monitoring Neoadjuvant Chemotherapy Responses with NIR Tomography	394,425
Kaufman, Peter A	Co-I	University of California, Irvine (UCI)	Educational Institution	Developing DOSI Technology for Monitoring Response to Breast Cancer Chemotherapy	
McClatchy, David M	PI	National Cancer Institute (NCI)	Federal Government	Structured Light Scatteroscopy for Intraoperative Breast Tumor Margin Assessment	44,992
Meaney, Paul M	PI	National Cancer Institute (NCI)	Federal Government	Microwave Imaging for Neoadjuvant Chemotherapy Monitoring	661,132
Mirza, Sohail K	PD/PI	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	
Nasir, Mavra	PI	Cystic Fibrosis Foundation (CFF)	Foundation	Characterizing the volatile metabolome of Pseudomonas aeruginosa (Nasir)	2,000
Paulsen, Keith D	PI	National Cancer Institute (NCI)	Federal Government	Optical Scatter Imaging System for Surgical Specimen Margin Assessment during Breast Conserving Surgery	583,560
		National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	373,553
				Training in Surgical Innovation	97,971
		University of California, Irvine (UCI)	Educational Institution	Developing DOSI Technology for Monitoring Response to Breast Cancer Chemotherapy	11,346
	Co-I	National Cancer Institute (NCI)	Federal Government	Monitoring Neoadjuvant Chemotherapy Responses with NIR Tomography	
			Microwave Imaging for Neoadjuvant Chemotherapy Monitoring		
Pogue, Brian W	PI	Massachusetts General Hospital (MGH)	Institution	Molecular Response and Imaging-based Combination Strategies for Optimal PDT: Project 4	161,925
				Molecular Response and Imaging-based Combination Strategies for Optimal PDT: Core C	177,789
		National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Optical Cherenkov calibration for human radiation therapy	496,942
				Cerenkov excited luminescence sheet imaging (CELSI)	1,143,077
		Physical Sciences, Inc.	Corporation	Optical Dosimeter for Photodynamic Therapy	3,564
		US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Lymph node metastases optical molecular diagnostic and radiation therapy	318,092
	PD/PI	National Cancer Institute (NCI)	Federal Government	Optical Scatter Imaging System for Surgical Specimen Margin Assessment during Breast Conserving Surgery	
	Co-I	National Cancer Institute (NCI)	Federal Government	Multi-probe fluorescence imaging for rapid intra-operative tumor margin assessment	
				Monitoring Neoadjuvant Chemotherapy Responses with NIR Tomography	
				MRI fluorescence tomography for quantifying tumor receptor concentration in vivo	
Rusch, Brett D	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	OTOENDOSCOPE PAIRED AGENT IMAGING OF OPIOID RECEPTOR KINETICS DURING DEPENDENCY AND WITHDRAWAL	
Samkoe, Kimberley S	Co-I	Massachusetts General Hospital (MGH)	Institution	Molecular Response and Imaging-based Combination Strategies for Optimal PDT: Project 4	
		National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	OTOENDOSCOPE PAIRED AGENT IMAGING OF OPIOID RECEPTOR KINETICS DURING DEPENDENCY AND WITHDRAWAL	
		National Cancer Institute (NCI)	Federal Government	Multi-probe fluorescence imaging for rapid intra-operative tumor margin assessment	
				MRI fluorescence tomography for quantifying tumor receptor concentration in vivo	

Awards Received Fiscal Year 2018

Biomedical Engineering (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Sched, Alan R	Co-PD/PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Prostate Cancer Grade Mapping with Transrectal Electrical Impedance Tomography	
Seigne, John D	Co-PD/PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Prostate Cancer Grade Mapping with Transrectal Electrical Impedance Tomography	
Shubitidze, Fridon	PI	Office of Naval Research (DoD ONR)	Federal Government	Carbon Fiber and Void Detection Using High Frequency Electromagnetic Induction Techniques	210,000
Simmons, Nathan E.	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	
Tosteson, Tor D	Co-I	National Cancer Institute (NCI)	Federal Government	Microwave Imaging for Neoadjuvant Chemotherapy Monitoring	
Van Citters, Douglas W	PI	DePuy Inc., A Johnson and Johnson Company	Corporation	Orthopaedic Device and Material Analysis	441,240
		LaunchPad Medical, LLC	Corporation	Formation and Structure Property Relationships of an Adhesive Tetra-Calcium Phosphate Bone Cement	115,926
		OrthoSensor, Inc.	Corporation	Multimodal Detection Algorithms for In Vivo Diagnostics	184,935
	Co-I	Simbex, LLC	Corporation	Translation of Rehabilitation Engineering Advances and Technology 2.0	
Weinstein, James N	Co-I	National Institute of Biomed Imaging & Bioeng (NIBIB)	Federal Government	Image based registration and intraoperative updating for guiding spine surgery	
Wells, Wendy A	Co-I	National Cancer Institute (NCI)	Federal Government	Multi-probe fluorescence imaging for rapid intra-operative tumor margin assessment	
				Microwave Imaging for Neoadjuvant Chemotherapy Monitoring	
Zemanick, Edith	Co-PD/PI	Cystic Fibrosis Foundation (CFF)	Foundation	Improving outcomes in CF patients: Toward rapid detection of P. aeruginosa	
Zhang, Xiaojing	PI	National Heart Lung & Blood Institute (NHLBI)	Federal Government	Implantable Cardiac Power Generation Using Flexible 3D Porous Thin Films	394,101
		National Science Foundation (NSF)	Federal Government	Mesoporous PVDF Thin Film Device for Implantable Cardiac Power Generation	113,813
Grand Total					10,804,084

Awards Received Fiscal Year 2018

Chemical & Biomedical Engineering

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Bailey-Kellogg, Christopher J	Co-I	National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	
Fossum, Eric R	Co-PD/PI	National Science Foundation (NSF)	Federal Government	PFI:AIR - TT: Hot Electron Nanophotonic UV/IR CMOS Quanta Image Sensors and Photodetectors	
	Co-I	Army Research Office (DoD ARO)	Federal Government	Fundamental Limits of Quantum Semiconductor Photodetectors	
Griswold, Karl E	PI	Lyticon, LLC	Corporation	Design and Development of Immunotolerant S. aureus Biotherapies	211,327
		National Institute of Allergy & Infectious Diseases (NIAID)	Federal Government	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	547,683
Holwerda, Evert K	PI	Pennsylvania State University	Educational Institution	Cotreatment-Enhanced Thermophilic Conversion of Corn Stover to Ethanol in a Novel Reactor Configuration	150,000
Hoopes, P Jack	Co-I	Lyticon, LLC	Corporation	Design and Development of Immunotolerant S. aureus Biotherapies	
Liu, Jifeng	PI	Army Research Office (DoD ARO)	Federal Government	Fundamental Limits of Quantum Semiconductor Photodetectors	140,000
		Massachusetts Institute of Technology (MIT)	Educational Institution	Seamless Hybrid-integrated Interconnect Network (SHINE)	148,576
		National Science Foundation (NSF)	Federal Government	PFI:AIR - TT: Hot Electron Nanophotonic UV/IR CMOS Quanta Image Sensors and Photodetectors	124,865
Lynd, Lee R	PI	Department of Energy, Oak Ridge National Laboratory (OAK)	Federal Government	Bioenergy Science Center 2	666,657
				Center for Bioenergy Innovation	789,044
		Enchi Corporation	Corporation	SRA for research and development of thermophilic anaerobic bacteria for conversion of agricultural material to ethanol	90,000
		US Department of Agriculture (USDA)	Federal Government	Cotreatment for Low-Cost Fermentation of Cellulosic Biomass	616,000
	Co-PD/PI	Pennsylvania State University	Educational Institution	Cotreatment-Enhanced Thermophilic Conversion of Corn Stover to Ethanol in a Novel Reactor Configuration	
Grand Total					3,484,152

Awards Received Fiscal Year 2018

Electrical & Computer Engineering

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Cybenko, George	PI	George Mason University (GMU)	Educational Institution	Adversarial and Uncertain Reasoning for Adaptive Cyber Defense: Building the Scientific Foundation	133,750
Farid, Amro M	PI	Electric Power Research Institute (EPRI)	Institution	Energy Internet of Things (eIoT) White Paper	40,118
		National Renewable Energy Laboratory (NREL)	Federal Government	Flexible Water Infrastructure Impacts on The Electric Power System in New England	35,000
		National Science Foundation (NSF)	Federal Government	EAGER: SSDIM: Synthetic and Simulated Data for American Multi-Modal Energy Systems	102,692
Fossum, Eric R	PI	National Science Foundation (NSF)	Federal Government	I-Corps: Carbon Based, Low-Density Radiation Shielding Material	50,000
		Samsung Electronics Co., Ltd.	Corporation	Photon-Counting Image Sensor with Multi-Bit Readout	115,000
Liu, Jifeng	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Long-Range, mm-Scale Wireless Optical Power Delivery Using Nanophotonic Antennas and Integrated Power Management	
Santos, Eugene	PI	Air Force Office of Scientific Research (DoD AFOSR)	Federal Government	Learning Nonlinear Decision Making	273,954
		Office of Naval Research (DoD ONR)	Federal Government	Dynamic Context-Centric Commander's Decision Support through Real-time Inverse Reinforcement Learning	86,915
Sarpeshkar, Rahul	PI	University of Washington (UW)	Educational Institution	High Performance Simulation Libraries for Systems Biology	225,162
Shepherd, Simon G	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: SuperDARN Space Weather Radar-Operations, Research and Community Support	120,000
				SuperDARN in Ireland: A Mid-Latitude Geospace Facility to Study Electrodynamical Coupling in the European and Scandinavian Sectors	207,799
Stauth, Jason T	PI	National Science Foundation (NSF)	Federal Government	CAREER: Hybrid Multimode Resonant Switched-Capacitor Converters for Renewable Energy and Point-of-Load Power Delivery	113,527
				Long-Range, mm-Scale Wireless Optical Power Delivery Using Nanophotonic Antennas and Integrated Power Management	114,708
Sullivan, Charles R	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Advances in High-Frequency Magnetics for High-Efficiency, High-Density Power Electronic Systems	63,085
Grand Total					1,681,710

Awards Received Fiscal Year 2018

Environmental Sciences & Engineering

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Polashenski, Christopher M	Co- PD/PI	National Science Foundation (NSF)	Federal Government	Autonomous Ice Mass Balance Buoys for an Arctic Observing Network: A Continuation Proposal	
				Collaborative Research: Improving the Prediction of Sea Ice through Targeted Study of Poorly Parameterized Sea Ice Processes at MOSAIC and Responsive Model Development	
Perovich, Donald K	PI	National Science Foundation (NSF)	Federal Government	Autonomous Ice Mass Balance Buoys for an Arctic Observing Network: A Continuation Proposal	181,968
				Collaborative Research: Responses of Atmospheric Oxidants and CO2 to Dramatic Changes in Arctic Sea Ice	37,375
				Collaborative Research: Thermodynamic and dynamic drivers of the Arctic sea-ice mass budget at MOSAIC	9,871
				Collaborative Research: Improving the Prediction of Sea Ice through Targeted Study of Poorly Parameterized Sea Ice Processes at MOSAIC and Responsive Model Development	21,280
		Office of Naval Research (DoD ONR)	Federal Government	Multiscale Models of Melting Arctic Sea Ice	53,404
Grand Total					303,898

Awards Received Fiscal Year 2018

Material Science & Mechanical Engineering

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Albert, Mary R	PI	National Science Foundation (NSF)	Federal Government	Ice Drilling Program Office	4,214,950
	Co-PD/PI	University of New Hampshire (UNH)	Educational Institution	Responsive Autonomous Rovers to Enable Polar Science	
Baker, Ian	PI	Army Research Office (DoD ARO)	Federal Government	Synthesis and Processing of Materials: Directional Recrystallization Processing	80,000
		National Science Foundation (NSF)	Federal Government	Dynamic Observations of the Evolution of Firm	130,984
				Understanding the Deformation Behavior of Alumina-Forming Austenitic Stainless Steels	172,797
				Cryogenic Wear of Novel High-Entropy Alloys	134,414
Epps, Brenden	PI	ACME Engineering and Manufacturing Corporation	Corporation	High-Efficiency Axial Fans for Agricultural Applications: Phase 1	15,000
		Creare, Inc.	Corporation	Morphing-Duct and Twin Pumpjet Propulsion: Concept Design	62,000
		Ocean Renewable Power Company, LLC	Corporation	Laboratory Testing of a Cross-Flow Turbine in Super-Cooled Water	9,000
				INNOVATIVE DEPLOYMENT AND RETRIEVAL SCHEME FOR CROSS-FLOW HYDROKINETIC TURBINES	51,248
		Technical Directions Inc.	Corporation	Gas Turbine Combustor Performance Improvements	15,000
Faludi, Jeremy	PI	Lemelson Foundation (NCIIA)	Foundation	Environmental Landscape Research and Analysis	16,000
		VentureWell	Institution	Online Curriculum for Sustainable Design and Engineering Exercises	10,000
Feng, Xiahong	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Arctic Land Fast Sea Ice Formation in the Presence of Fresh Water Input	
Kennedy, Francis E	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Cryogenic Wear of Novel High-Entropy Alloys	
Lever, James H	Co-I	National Science Foundation (NSF)	Federal Government	Collaborative Research: Flow and Fracture Dynamics in an Ice Shelf Lateral Margin: Observations and Modeling of the McMurdo Shear Zone	
	Co-PD/PI	University of New Hampshire (UNH)	Educational Institution	Responsive Autonomous Rovers to Enable Polar Science	
Liu, Jifeng	Co-PD/PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Modeling-Based Design of Freeze-Cast Hybrid Materials	
Merton, Prudence	Co-I	National Science Foundation (NSF)	Federal Government	Engaged student learning - Exploration and Design: Small group learning in engineering systems and control education	
Obbard, Rachel W	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Arctic Land Fast Sea Ice Formation in the Presence of Fresh Water Input	182,292
Odame, Kofi M	PI	US Army Medical Research Acquisition Activity (DoD USAMRAA)	Federal Government	Prostate Cancer Grade Mapping with Transrectal Electrical Impedance Tomography	116,626
Polashenski, Christopher M	PI	National Science Foundation (NSF)	Federal Government	Collaborative Research: Snow, Wind, and Time: Understanding Snow Redistribution and Its Effects on Sea Ice Mass Balance	224,213
Ray, Laura E	PI	National Science Foundation (NSF)	Federal Government	Engaged student learning - Exploration and Design: Small group learning in engineering systems and control education	95,000
				Collaborative Research: Flow and Fracture Dynamics in an Ice Shelf Lateral Margin: Observations and Modeling of the McMurdo Shear Zone	64,849
		University of New Hampshire (UNH)	Educational Institution	Responsive Autonomous Rovers to Enable Polar Science	291,202
Renshaw, Carl E	Co-PD/PI	US Department of the Interior	Federal Government	Fatigue of Sea Ice: A Wave-Induced Process of Rapid Self-Destruction	
Schulson, Erland M	PI	US Department of the Interior	Federal Government	Fatigue of Sea Ice: A Wave-Induced Process of Rapid Self-Destruction	162,430

Awards Received Fiscal Year 2018

Material Science & Mechanical Engineering (Continued)

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Shubitidze, Fridon	Co-I	National Aeronautics and Space Administration (NASA)	Federal Government	Structure-Property-Processing Correlations in Freeze-Cast Biomimetic Materials	
Vaze, Vikrant S	PI	Dartmouth-Hitchcock Med Ctr (DHMC)	Institution	Outpatient Scheduling and Workflow Optimization for General and Internal Medicine	12,000
		National Science Foundation (NSF)	Federal Government	CAREER: Two-Stage Competition on Spatio-Temporal Location and Pricing	55,827
		Urban Mobility, Inc.	Corporation	Concept Exploration for Smart Urban Transit Planning	19,962
Wegst, Ulrike	PI	National Aeronautics and Space Administration (NASA)	Federal Government	Structure-Property-Processing Correlations in Freeze-Cast Biomimetic Materials	35,000
		National Institute of Child Health & Human Development (NICHD)	Federal Government	A Nanotherapeutic Device for Effective Non-Surgical Female Sterilization	160,000
		National Science Foundation (NSF)	Federal Government	Collaborative Research: Modeling-Based Design of Freeze-Cast Hybrid Materials	123,741
Grand Total					6,454,535

Tuck School of Business

Award and Proposal Detail

The Awards and Proposals tables below show a five-year history by sponsoring agency.

TUCK SCHOOL AWARDS AND PROPOSALS BY SPONSOR

Awards	FY14	FY15	FY16	FY17	FY18
Brigham & Women's Hospital (BWH)	0	0	0	0	20,054
Columbia University	0	0	0	2,500	0
National Science Foundation	0	0	46,606	0	0
University of Minnesota	0	0	0	0	47,700
Total	\$ 0	\$ 0	\$46,606	\$ 2,500	\$ 67,754

Proposals	FY14	FY15	FY16	FY17	FY18
Brigham & Women's Hospital (BWH)	0	0	0	105,984	0
Columbia University	0	0	0	2,500	0
Foundation for Auditing Research	0	0	0	0	22,048
Kauffman Foundation	0	0	0	495,800	0
National Science Foundation	0	0	46,606	0	500,477
US Department of State	0	0	25,000	0	0
University of Minnesota	0	0	0	0	47,700
Total	\$ 0	\$ 0	\$71,606	\$ 604,284	\$570,225

Awards Received Fiscal Year 2018

Tuck School of Business

Name	Role	DC Sponsor Name	Org Type	Project Title	Obligated Total
Keller, Punam A	PI	Brigham and Women's Hospital (BWH)	Institution	Optimizing electronic health record prompts with behavioral economic to improve prescribing for older adults	20,054
Phillips, Gordon M	PI	University of Minnesota (UMN)	Educational Institution	The Impact of Consumer Credit Access on Employment, Earnings and Entrepreneurship	47,700
Grand Total					67,754

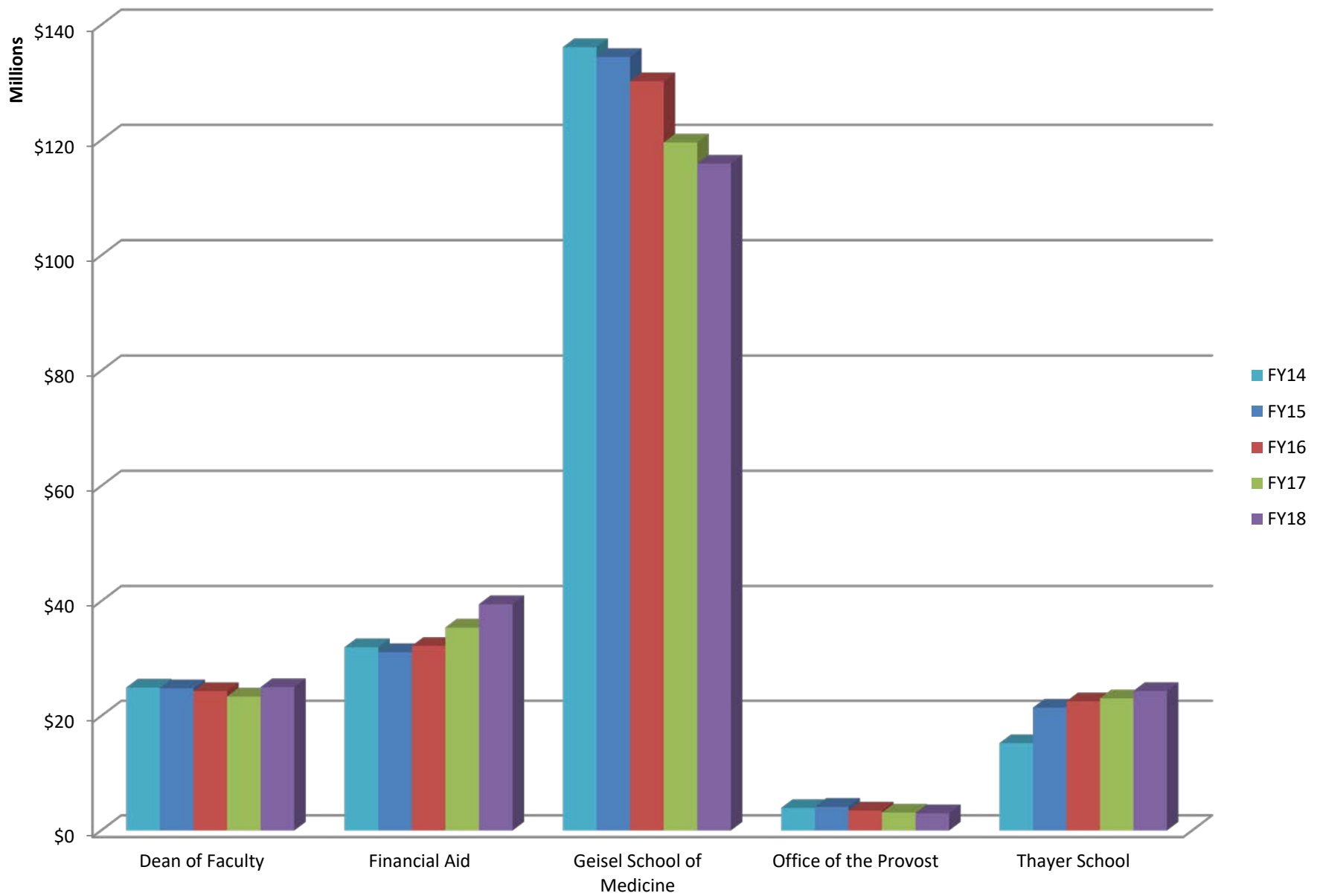
**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
EXPENSE SUMMARY
EIGHT YEAR COMPARISON**

Fiscal Year	<---Agency Sponsored Expenses--->			<---College Cost Shared Expense--->			<-----Total Expense----->		
	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total
<u>Campus Services</u>									
2018	192,098	0	192,098	0	0	0	192,098	0	192,098
2017	99,890	0	99,890	0	0	0	99,890	0	99,890
2016	95,000	0	95,000	0	0	0	95,000	0	95,000
2015	43,483	0	43,483	0	0	0	43,483	0	43,483
2014	64,628	0	64,628	0	0	0	64,628	0	64,628
2013	15,435	0	15,435	-3,478	0	-3,478	11,957	0	11,957
2012	74,903	0	74,903	91,533	0	91,533	166,436	0	166,436
<u>Dean of College</u>									
2014	9,601	0	9,601	0	0	0	9,601	0	9,601
2013	-531	0	-531	0	0	0	-531	0	-531
2012	21,311	0	21,311	9,808	0	9,808	31,119	0	31,119
2011	487	0	487	2,000	0	2,000	2,487	0	2,487
<u>Dean of Faculty</u>									
2018	17,898,863	7,132,058	25,030,921	701,579	9	701,588	18,600,442	7,132,067	25,732,509
2017	17,149,655	6,239,374	23,389,029	605,465	-5,477	599,988	17,755,120	6,233,896	23,989,017
2016	17,961,331	6,384,048	24,345,379	417,718	-4,525	413,193	18,379,048	6,379,523	24,758,572
2015	18,620,092	6,218,708	24,838,800	393,448	-11,591	381,857	19,013,540	6,207,117	25,220,657
2014	18,743,909	6,215,845	24,959,754	466,440	0	466,440	19,210,349	6,215,845	25,426,194
2013	19,049,104	6,532,788	25,581,891	927,987	-32,862	895,124	19,977,090	6,499,925	26,477,016
2012	20,206,342	6,331,967	26,538,309	820,631	105,565	926,197	21,026,974	6,437,532	27,464,505
2011	20,227,127	6,622,942	26,850,069	773,979	-15,899	758,080	21,001,107	6,607,043	27,608,149
<u>Exec VP Finance and Admin</u>									
2018	679	0	679	0	0	0	679	0	679
2017	81,193	0	81,193	0	0	0	81,193	0	81,193
2016	165,093	0	165,093	0	0	0	165,093	0	165,093
<u>Financial Aid</u>									
2018	39,479,016	0	39,479,016	0	0	0	39,479,016	0	39,479,016
2017	35,430,197	0	35,430,197	0	0	0	35,430,197	0	35,430,197
2016	32,228,202	0	32,228,202	650,535	0	650,535	32,878,737	0	32,878,737
2015	31,139,714	0	31,139,714	1,790,980	0	1,790,980	32,930,694	0	32,930,694
2014	32,012,371	0	32,012,371	1,659,667	0	1,659,667	33,672,038	0	33,672,038
2013	32,533,998	0	32,533,998	1,611,387	0	1,611,387	34,145,385	0	34,145,385
2012	34,172,996	0	34,172,996	1,454,814	0	1,454,814	35,627,809	0	35,627,809
2011	33,721,339	0	33,721,339	1,020,983	0	1,020,983	34,742,322	0	34,742,322
<u>Geisel School of Medicine</u>									
2018	85,634,341	30,274,511	115,908,852	4,319,205	7,561	4,326,766	89,953,545	30,282,072	120,235,617
2017	89,344,262	30,251,949	119,596,211	4,228,902	15,689	4,244,591	93,573,163	30,267,638	123,840,802
2016	99,965,358	30,247,863	130,213,221	3,594,636	0	3,594,636	103,559,994	30,247,863	133,807,857
2015	104,190,733	30,228,937	134,419,670	3,279,941	288	3,280,229	107,470,674	30,229,225	137,699,899
2014	104,883,152	31,247,399	136,130,551	2,019,781	32	2,019,812	106,902,933	31,247,430	138,150,363
2013	107,714,594	31,905,057	139,619,651	1,396,639	0	1,396,639	109,111,233	31,905,057	141,016,290
2012	98,305,155	31,894,379	130,199,534	951,597	159,880	1,111,477	99,256,752	32,054,259	131,311,011
2011	103,756,835	33,562,177	137,319,012	1,009,697	0	1,009,697	104,766,532	33,562,178	138,328,710
<u>Guarini School Grad and Adv Studies</u>									
2018	356,666	0	356,666	870,667	0	870,667	1,227,333	0	1,227,333
2017	382,169	0	382,169	681,534	0	681,534	1,063,702	0	1,063,702

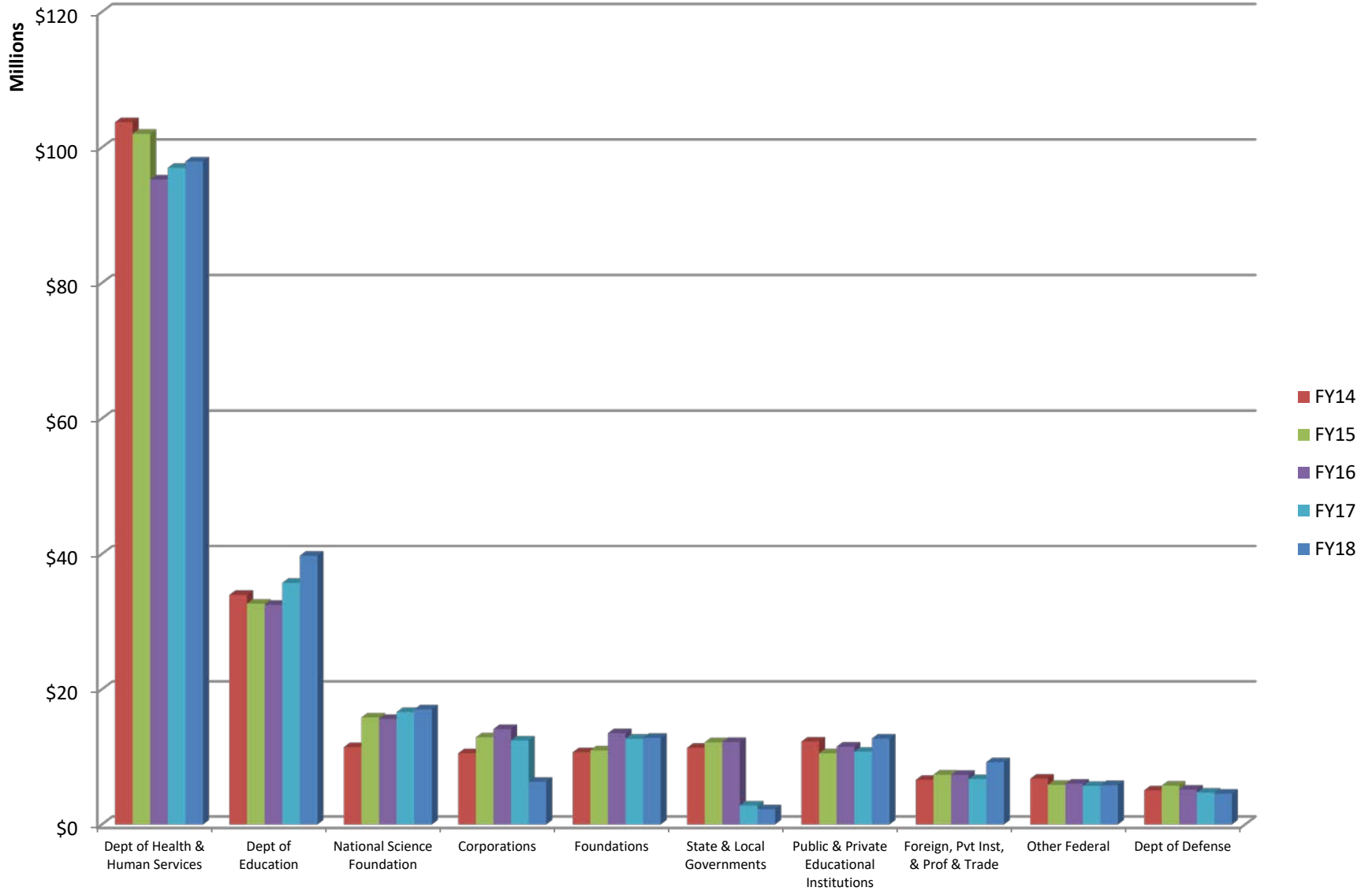
**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
EXPENSE SUMMARY
EIGHT YEAR COMPARISON**

Fiscal Year	<---Agency Sponsored Expenses--->			<---College Cost Shared Expense--->			<-----Total Expense----->		
	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total
<u>Office of the Provost</u>									
2018	2,226,644	772,874	2,999,518	629,095	0	629,095	2,855,739	772,874	3,628,613
2017	2,370,272	746,082	3,116,354	875,019	0	875,019	3,245,291	746,082	3,991,373
2016	2,822,754	655,160	3,477,914	577,126	0	577,126	3,399,880	655,160	4,055,040
2015	3,476,697	651,241	4,127,937	775,645	0	775,645	4,252,341	651,241	4,903,582
2014	3,241,808	693,302	3,935,111	1,157,670	0	1,157,670	4,399,478	693,302	5,092,780
2013	4,115,594	939,822	5,055,417	114,523	0	114,523	4,230,117	939,822	5,169,939
2012	4,029,118	956,483	4,985,601	342,064	-7,000	335,064	4,371,182	949,483	5,320,665
2011	3,627,942	1,027,313	4,655,255	349,139	0	349,139	3,977,081	1,027,313	5,004,394
<u>Thayer School</u>									
2018	18,454,295	5,907,010	24,361,305	941,423	0	941,423	19,395,718	5,907,010	25,302,728
2017	17,600,058	5,479,167	23,079,225	632,666	0	632,666	18,232,723	5,479,167	23,711,890
2016	17,588,758	4,968,652	22,557,410	350,207	0	350,207	17,938,965	4,968,652	22,907,617
2015	16,352,085	5,097,583	21,449,668	429,558	0	429,558	16,781,643	5,097,583	21,879,226
2014	10,647,750	4,597,106	15,244,856	332,789	0	332,789	10,980,540	4,597,106	15,577,645
2013	12,235,112	4,858,977	17,094,089	656,518	27,000	683,518	12,891,630	4,885,977	17,777,606
2012	12,978,278	4,899,484	17,877,762	808,948	7,506	816,454	13,787,226	4,906,990	18,694,216
2011	12,073,446	4,924,659	16,998,104	857,695	388	858,084	12,931,141	4,925,047	17,856,188
<u>Tuck School</u>									
2018	13,208	8,187	21,395	16,080	0	16,080	29,288	8,187	37,475
2017	0	0	0	9,587	0	9,587	9,587	0	9,587
2016	87,901	26,298	114,199	235,082	0	235,082	322,983	26,298	349,281
2015	-808	0	-808	96,054	0	96,054	95,245	0	95,245
2014	2,056	0	2,056	92,488	0	92,488	94,544	0	94,544
2013	30,000	4,500	34,500	48,473	0	48,473	78,473	4,500	82,973
2012	0	0	0	0	-1,051	-1,051	0	-1,051	-1,052
2011	212,774	0	212,774	10,892	3,563	14,455	223,665	3,563	227,228
<u>VP & Treas</u>									
2011	60,442	0	60,442	395,175	0	395,175	455,616	0	455,616
<u>Vice Provost St Aff</u>									
2016	291	0	291	2,187	0	2,187	2,478	0	2,478
<u>Total College</u>									
2018	164,255,810	44,094,640	208,350,450	7,478,049	7,570	7,485,619	171,733,859	44,102,210	215,836,069
2017	162,457,694	42,716,572	205,174,266	7,033,172	10,212	7,043,384	169,490,866	42,726,784	212,217,650
2016	170,914,688	42,282,022	213,196,710	5,827,491	-4,525	5,822,965	176,742,179	42,277,497	219,019,675
2015	173,821,995	42,196,468	216,018,463	6,765,625	-11,303	6,754,323	180,587,620	42,185,166	222,772,786
2014	169,605,276	42,753,652	212,358,928	5,728,835	32	5,728,867	175,334,111	42,753,684	218,087,795
2013	175,693,306	44,241,143	219,934,449	4,752,049	-5,862	4,746,187	180,445,355	44,235,281	224,680,636
2012	169,788,102	44,082,312	213,870,414	4,479,395	264,900	4,744,295	174,267,497	44,347,212	218,614,709
2011	173,680,391	46,137,091	219,817,482	4,419,560	-11,948	4,407,612	178,099,951	46,125,143	224,225,094

Five Year Agency Sponsored Expense Comparison by Top 5 Divisions



Five Year Agency Sponsored Expense Comparison by Type Funding Total College



**OFFICE OF SPONSORED PROJECTS
DARTMOUTH COLLEGE
AGENCY SPONSORED EXPENSE BY TYPE FUNDING
FISCAL YEAR 2018**

	Corporations	DHHS	DOD	Foreign	Foundations	NSF	OED	Other	Other Federal	Pub & Priv Ed Insts	State & Local Gov	Division Total
CAMPUS SERVICES												
Direct	0	0	0	34,452	0	0	0	0	157,646	0	0	192,098
Indirect	0	0	0	0	0	0	0	0	0	0	0	-
Total	0	0	0	34,452	0	0	0	0	157,646	0	0	192,098
DEAN OF FACULTY												
Direct	259,757	4,199,332	742,791	362,706	1,736,141	5,375,182	269,935	284,015	2,254,534	2,414,470	0	17,898,863
Indirect	150,776	2,135,740	313,539	69,214	172,419	2,460,340	-	92,755	668,628	1,068,647	0	7,132,058
Total	410,533	6,335,072	1,056,330	431,920	1,908,560	7,835,522	269,935	376,770	2,923,162	3,483,117	0	25,030,921
EXEC VP FINANCE AND ADMIN												
Direct	0	0	0	0	0	0	0	0	0	0	679	679
Indirect	0	0	0	0	0	0	0	0	0	0	0	-
Total	0	0	0	0	0	0	0	0	0	0	679	679
FINANCIAL AID												
Direct	0	0	0	0	0	0	39,479,016	0	0	0	0	39,479,016
Indirect	0	0	0	0	0	0	0	0	0	0	0	-
Total	0	0	0	0	0	0	39,479,016	0	0	0	0	39,479,016
GEISEL SCHOOL OF MEDICINE												
Direct	2,809,855	60,950,659	431,983	1,167,442	9,589,566	37,473	0	3,286,757	1,151,376	4,318,930	1,890,301	85,634,341
Indirect	1,281,839	23,995,763	175,280	144,629	711,997	23,233	0	1,177,350	285,828	2,151,476	327,116	30,274,511
Total	4,091,694	84,946,422	607,263	1,312,071	10,301,563	60,706	0	4,464,107	1,437,204	6,470,406	2,217,416	115,908,852
GUARINI SCHOOL GRAD AND ADV STUDIES												
Direct	0	0	0	0	0	356,666	0	0	0	0	0	356,666
Indirect	0	0	0	0	0	0	0	0	0	0	0	-
Total	0	0	0	0	0	356,666	0	0	0	0	0	356,666
OFFICE OF THE PROVOST												
Direct	0	0	36,309	250,098	373,292	1,092,137	0	181,985	77,842	199,471	15,510	2,226,644
Indirect	0	0	11,492	77,912	14,305	465,615	0	79,878	0	123,672	0	772,874
Total	0	0	47,800	328,010	387,597	1,557,753	0	261,863	77,842	323,143	15,510	2,999,518
THAYER SCHOOL OF ENGINEERING												
Direct	1,289,560	4,725,115	2,025,473	168,754	210,953	5,954,592	0	1,182,065	989,990	1,907,794	0	18,454,296
Indirect	506,878	1,913,452	820,309	25,736	7,433	1,269,216	0	604,386	233,529	526,071	0	5,907,010
Total	1,796,438	6,638,567	2,845,782	194,490	218,386	7,223,808	0	1,786,451	1,223,519	2,433,865	0	24,361,306
TUCK SCHOOL OF BUSINESS												
Direct	0	0	0	0	0	870	0	12,338	0	0	0	13,208
Indirect	0	0	0	0	0	538	0	7,650	0	0	0	8,187
Total	0	0	0	0	0	1,407	0	19,988	0	0	0	21,395
Total Direct	4,359,172	69,875,106	3,236,556	1,983,452	11,909,952	12,816,919	39,748,951	4,947,160	4,631,388	8,840,665	1,906,490	164,255,810
Total Indirect	1,939,493	28,044,955	1,320,620	317,491	906,154	4,218,942	0	1,962,019	1,187,985	3,869,866	327,116	44,094,640
Grand Total	6,298,665	97,920,061	4,557,175	2,300,943	12,816,106	17,035,862	39,748,951	6,909,179	5,819,373	12,710,531	2,233,606	208,350,450