

**ANNUAL REPORT OF THE UNIVERSITY RESEARCH BOARD (URB) AND  
THE OFFICE OF RESEARCH AND PROJECT ADMINISTRATION (ORPA)  
FISCAL YEAR 2017-2018  
TABLE OF CONTENTS**

**SECTION I: OFFICE OF RESEARCH AND PROJECT ADMINISTRATION COMMENTARY AND ANALYSIS**

<b>I. EXPENDITURES FOR SPONSORED RESEARCH.....</b>	<b>2</b>
BACKGROUND AND OVERVIEW.....	2
FY2018 STATISTICS.....	3
MAIN CAMPUS.....	3
PRINCETON PLASMA PHYSICS LABORATORY (PPPL).....	4
CHART 1 HISTORY OF SPONSORED RESEARCH EXPENDITURES.....	5
TABLE 1 5 YEAR HISTORY OF SPONSORED PROJECTS EXPENDITURES BY SPONSOR.....	6
TABLE 2 5 YEAR HISTORY OF SPONSORED PROJECTS EXPENDITURES BY PRIME SPONSOR.....	7
TABLE 3 5 YEAR HISTORY OF SPONSORED PROJECTS EXPENDITURES BY DIVISION.....	8
CHART 2 BREAKDOWN OF EXPENDITURES.....	9
CHART 3-1 FUNDING % BY SPONSORS.....	10
CHART 3-2 FUNDING % BY PRIME SPONSORS.....	11
CHART 4-1 COMPARISON OF GOVERNMENT SPONSORED EXPENDITURES- 5 YEAR HISTORY.....	12
CHART 4-2 COMPARISON OF PRIME GOVERNMENT SPONSORED EXPENDITURES- 5 YEAR HISTORY...	13
CHART 5-1 COMPARISON OF NON-GOVERNMENT SPONSORED EXPENDITURES-.....	14
CHART 5-2 COMPARSION OF NON-GOVERNMENT SPONSORED EXPENDITURES WITH FUNDS MOVED TO SPONSOR.....	15
CHART 6 PLASMA PHYSICS LABORATORY EXPENDITURES BY AMOUNT AND PERCENTAGE.....	16

**II. STATISTICAL DATA**

TABLE 4 SUMMARY OF SPONSORED EXPENDITURES BY DEPARTMENT OR PROGRAM.....	18
TABLE 5 SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR.....	20
TABLE 6 SUMMARY OF SPONSORED EXPENDITURES BY PRIME SPONSOR.....	21
TABLE 7-1 MASTER SUMMARY OF SPONSORED RESEARCH BY DEPARTMENT AND SPONSOR.....	22
TABLE 7-2 MASTER SUMMARY OF SPONSORED RESEARCH BY DEPARTMENT AND PRIME SPONSOR...	26

**III. ACTIVE SPONSORED AWARDS**

SUMMARY OF ACTIVE SPONSORED AWARDS BY DEPARTMENTS OR PROGRAMS.....	30
--	----

## **SECTION I**

THIS SECTION FOCUSES ON SPONSORED RESEARCH EXPENDITURES FOR THE FISCAL YEAR 2018.

# **EXPENDITURES FOR SPONSORED RESEARCH**

## **COMMENTARY AND ANALYSIS**

### **I. EXPENDITURES FOR SPONSORED RESEARCH**

#### **BACKGROUND AND OVERVIEW**

One of the world's great research institutions, Princeton University seeks to achieve the highest levels of distinction in the discovery and transmission of knowledge and understanding. Conducting cutting-edge research and maintaining an unparalleled commitment to teaching are deeply intertwined activities central to the University's mission. The health of Princeton's research enterprise is thus vitally important to the University's success.

The superlative quality of research at Princeton is reflected in its ability to attract a significant and growing amount of extramural funding, even in the hypercompetitive funding environment of recent years. Such sponsored programs account for about a quarter of the University's total operating budget, and sponsored programs play an important role in overall research expenditures at Princeton.

Sponsored research expenditures for Princeton's main campus totaled \$221.3M for FY2018. The Princeton Plasma Physics Laboratory (PPPL), a U.S. Department of Energy national laboratory for plasma physics and nuclear fusion science managed and operated by Princeton, recorded an additional \$116.6M in sponsored research expenditures during the same period.

Princeton has significantly grown the size of its sponsored research portfolio over the last decade (Chart 1). Moreover, reviewing a 10-year history of sponsored research expenditures at Princeton, expenditures from federal sources were up approximately 34% since FY2009 (\$135M in FY2009 to \$180M in FY2018). Over 80% of Princeton's extramural research funding comes from U.S. government sources, through both direct funding and government-funded subawards. The National Science Foundation and the National Institutes of Health continue to be Princeton's biggest sponsors overall, and they represent over 60% of Princeton's federally-sponsored research.

Nationwide, federal investment in university-based research has been relatively steady over the last decade—without significant increases or decreases, save for the large if relatively short-lived increases of the American Recovery and Reinvestment Act of 2009. As of FY2018, federal investment presently appears to now be steadily increasing.

## **FY 2018 Statistics**

Several tables and charts are provided to illustrate historical trends in sponsored research for Princeton's main campus and PPPL. Expenditures are described in actual dollars and have not been adjusted for inflation.

The grand total of FY2018 sponsored research expenditures for the University and PPPL combined was \$337.9M, an increase of 2.1% over the previous fiscal year's grand total of \$330.9M. University main campus expenditures were up almost 2.8%, totaling \$221.3M, compared to \$215.2M in FY2017. During the same time period, PPPL's expenditures were up by almost a million dollars, increasing to \$116.6M from \$115.7M in FY2017.

Chart 2 shows the breakdown of expenditures, with direct costs ("operating costs") and indirect costs (\$155.8M and \$52.9M, respectively) both up (6.4% and 5.2%, respectively) while equipment expenditures decreased 50.7% from the previous year. Training grant expenditures were up 4.4% from FY2017.

### **Main Campus**

Princeton researchers attract funding from a broad range of external sponsors, though the primary source of funding has historically been the U.S. government (federal agencies). The preponderance of government support (including both federal and state funding) in Princeton's sponsored programs portfolio continued in FY2018. Government funding comprises almost 70% of all sponsored research expenditures at the University (Chart 3-1). When expenditures from subawards originating from government sources are also counted, the percentage is almost 82% (Chart 3-2) at \$181.0 million.

The five leading government sponsors were the National Science Foundation (NSF), National Institutes of Health (NIH), Department of Defense agencies (including the Army, Air Force, Navy, DARPA, NSA, DSCA and DTRA), U.S. Department of Energy (DOE), and National Aeronautics and Space Administration (NASA). These agencies provided, respectively, \$56.7M, \$46.2M, \$20.1M, \$9.9M, and \$9.3M in direct research funding during FY2018 (Table 1 and Chart 3-1). When represented by prime funding sources the levels of support were \$61.5M, \$52.5M, \$26.7M, \$12.3M, and \$15.8, respectively (Table 2 and Chart 3-2).

Chart 4-1 presents a five-year comparison (FY2014-2018) of government-sponsored expenditures by agency, and Chart 4-2 shows a similar comparison reflecting subawards originating from government sources.

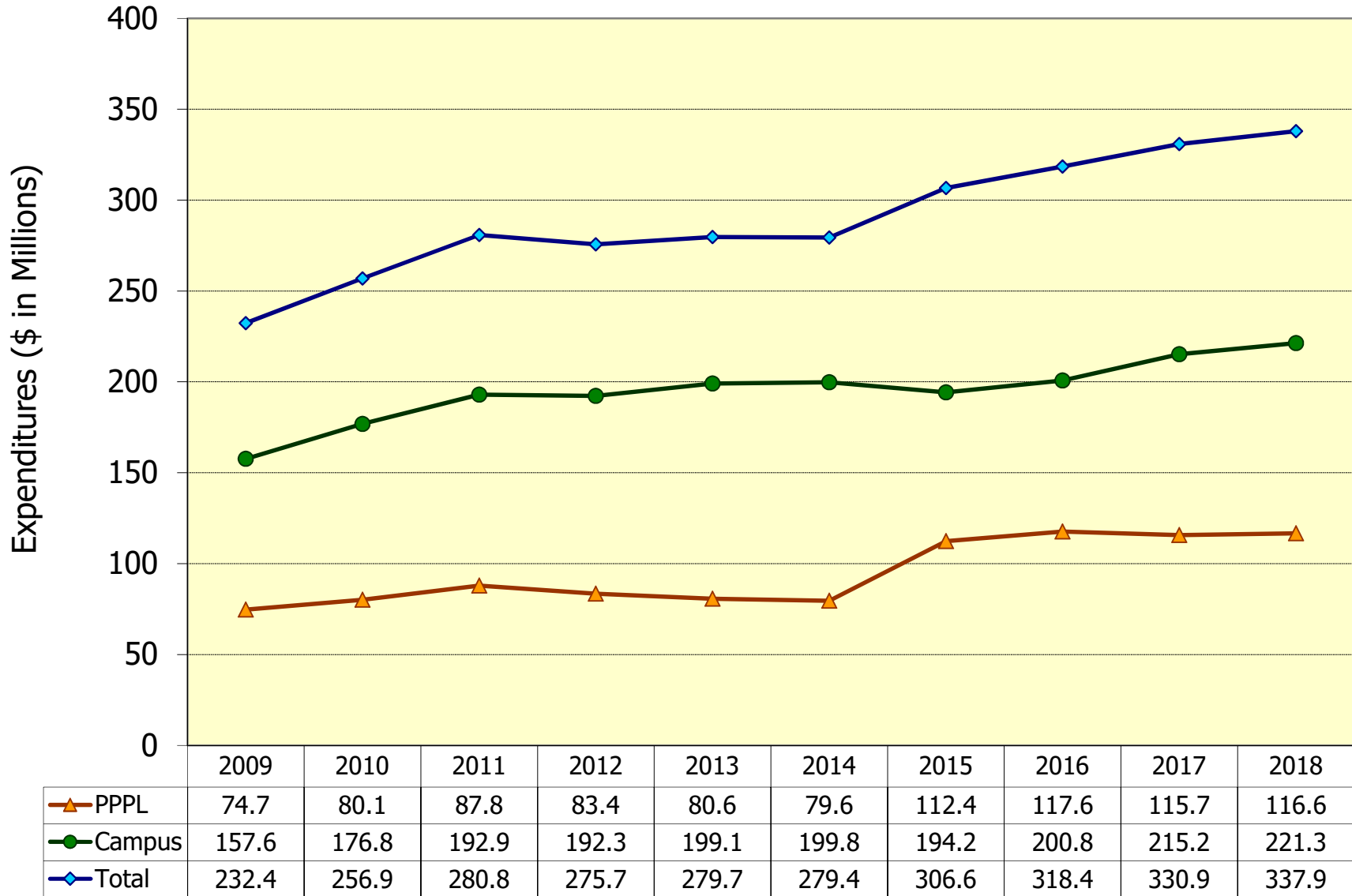
Funding from non-government sources comprised the balance of the total research expenditures in FY2018 (Chart 5-1). This category includes foundations, industry, and private/other entities (e.g., educational institutions, hospitals, foreign entities,

associations), which together represent 27.4% of Princeton's sponsored-research expenditures. When expenditures are categorized by their prime sources, non-government sources account for 17.8% (Chart 5-2) of the total sponsored research portfolio.

### **Princeton Plasma Physics Laboratory (PPPL)**

Chart 6 shows the history of PPPL's expenditures over the past 10 years. In this publication, FY2018 refers to the fiscal year as July 1 – June 30, which is consistent with the dates used for campus sponsored research expenditures. In other publications, PPPL budget authorization or expenditures may be reported using the U.S. DOE (federal) fiscal year of October 1 – September 30. PPPL expenditures, which make up approximately 35% of total sponsored research expenditures in Princeton's research enterprise, were up slightly at \$116.6M in FY2018 compared to \$115.7M in FY2017.

Chart 1  
**HISTORY OF SPONSORED RESEARCH EXPENDITURES**



## SECTION I

## TABLE 1

5 YEAR HISTORY BY SPONSOR  
SPONSORED PROJECT EXPENDITURES (\$1,000)

<b>Sponsors, Campus</b>					
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
NSF	52,465	50,058	54,194	54,446	56,759
NIH	39,951	38,421	40,305	45,757	46,249
DOD	24,039	23,040	20,021	24,726	20,091
DOE	14,707	14,629	11,240	11,515	9,910
NASA	5,418	5,657	4,690	6,395	9,383
DOC	4,273	5,463	8,512	8,613	7,669
NI (IARPA & CIA)	*	*	1,091	3,044	2,663
Other (DOI, DOT, DoED, EPA, USDA, Misc)	1,909	1,715	1,726	650	793
NEH and NEA	145	9	8	188	62
NJ	525	382	492	873	693
<b>TOTAL GOVERNMENT</b>	<b>143,433</b>	<b>139,374</b>	<b>142,279</b>	<b>156,207</b>	<b>154,273</b>
TOTAL FOUNDATION	18,417	20,794	21,458	22,435	25,445
TOTAL PRIVATE/OTHER	27,082	22,820	24,705	24,832	28,670
TOTAL INDUSTRIAL	10,882	11,198	12,334	11,733	12,899
<b>TOTAL, CAMPUS</b>	<b>\$199,813</b>	<b>\$194,186</b>	<b>\$200,775</b>	<b>\$215,208</b>	<b>\$221,286</b>

<b>Sponsors, Plasma Physics Lab**</b>					
DOE	77,732	110,642	116,301	115,727	116,611
DoD-AF	0	80	67	NA	NA
NSF	41	337	249	NA	NA
Misc Govt - Bureau of Arms Ctrl	51	0	0	NA	NA
<b>TOTAL GOVERNMENT</b>	<b>77,823</b>	<b>111,059</b>	<b>116,617</b>	<b>115,727</b>	<b>116,611</b>
TOTAL INDUSTRIAL	594	518	636	NA	NA
TOTAL PRIVATE/OTHER	1,157	784	362	NA	NA
<b>TOTAL, PPPL</b>	<b>79,575</b>	<b>112,360</b>	<b>117,615</b>	<b>115,727</b>	<b>116,611</b>

<b>GRAND TOTAL, CAMPUS &amp; PPPL</b>	<b>\$279,388</b>	<b>\$306,546</b>	<b>\$318,391</b>	<b>\$330,934</b>	<b>\$337,897</b>
---------------------------------------	------------------	------------------	------------------	------------------	------------------

\* Awards from National Intelligence included with Other Government in previous years.

\*\*To be consistent with Finance Office, PPPL is counted as one award with DOE.

## SECTION I

TABLE 2

5 YEAR HISTORY BY PRIME SPONSOR\*  
SPONSORED PROJECT EXPENDITURES (\$1,000)

<b>Sponsors, Campus</b>					
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
NSF	55,462	53,196	57,197	58,266	61,492
NIH	44,593	42,428	45,895	50,939	52,549
DOD	31,888	30,779	26,103	30,086	26,663
DOE	17,486	16,454	14,029	13,698	12,316
NASA	7,652	7,751	6,960	10,156	15,850
DOC (NOAA & NIST)	4,352	5,490	8,601	8,619	7,713
NI (IARPA & CIA)	**	**	1,091	3,210	2,769
Other (DOI, DOT, EPA, DoED, FBI, Misc)	2,699	2,206	2,090	866	890
NEH and NEA	145	9	8	188	62
NJ	525	408	584	899	710
<b>TOTAL GOVERNMENT</b>	<b>164,802</b>	<b>158,722</b>	<b>162,559</b>	<b>176,927</b>	<b>181,015</b>
TOTAL FOUNDATION	18,411	20,794	22,456	24,138	27,363
TOTAL PRIVATE/OTHER	8,952	6,028	5,564	4,170	2,255
TOTAL INDUSTRIAL	7,649	8,642	10,197	9,973	10,653
<b>TOTAL, CAMPUS</b>	<b>\$199,813</b>	<b>\$194,186</b>	<b>\$200,775</b>	<b>\$215,208</b>	<b>\$221,286</b>

<b>Sponsors, Plasma Physics Lab***</b>					
DOE	77,941	110,768	116,301	115,727	116,611
DoD-AF	0	393	103	NA	NA
NSF	41	542	315	NA	NA
Misc Govt - Bureau of Arms Ctrl	51	0	0	NA	NA
<b>TOTAL GOVERNMENT</b>	<b>78,032</b>	<b>111,703</b>	<b>116,719</b>	<b>115,727</b>	<b>116,611</b>
TOTAL INDUSTRIAL	385	274	570	NA	NA
TOTAL PRIVATE/OTHER	1,157	383	326	NA	NA
<b>TOTAL, PPPL</b>	<b>79,575</b>	<b>112,360</b>	<b>117,615</b>	<b>115,727</b>	<b>116,611</b>

<b>GRAND TOTAL, CAMPUS &amp; PPPL</b>	<b>\$279,388</b>	<b>\$306,546</b>	<b>\$318,391</b>	<b>\$330,934</b>	<b>\$337,897</b>
---------------------------------------	------------------	------------------	------------------	------------------	------------------

\* Shows Government funded subawards from industry & private organizations categorized by their prime source of funds.

\*\* Awards from National Intelligence included with Other Government in previous years.

\*\*\*To be consistent with Finance Office, PPPL is now counted as one award with DOE.



## SECTION I

TABLE 3

## 5 YEAR HISTORY BY DIVISION\*

SPONSORED AWARD EXPENDITURES (\$1,000)

<u>Breakdown by Division*</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Natural Sciences	87,401	87,131	126,924	137,393	149,130
Engineering & Applied Sciences	66,574	61,796	57,730	63,537	59,714
Humanities & Social Sciences	17,955	15,774	15,779	13,679	11,915
Centers, Institutes & Non-Dept'l	<u>27,884</u>	<u>29,485</u>	<u>342</u>	<u>598</u>	<u>528</u>
<b>Sub-Total Campus</b>	<b>199,813</b>	<b>194,186</b>	<b>200,775</b>	<b>215,208</b>	<b>221,286</b>
Plasma Physics Laboratory	<u>79,575</u>	<u>112,360</u>	<u>117,615</u>	<u>115,727</u>	<u>116,611</u>
<b>GRAND TOTAL</b>	<b>\$279,388</b>	<b>\$306,546</b>	<b>\$318,391</b>	<b>\$330,934</b>	<b>\$337,897</b>

NUMBER OF SPONSORED AWARDS

<u>Breakdown by Division*</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Natural Sciences	622	604	788	825	847
Engineering & Applied Sciences	454	460	486	474	463
Humanities & Social Sciences	139	137	142	124	133
Centers, Institutes & Non-Dept'l	<u>159</u>	<u>176</u>	<u>16</u>	<u>19</u>	<u>15</u>
<b>Sub-Total Campus</b>	<b>1,374</b>	<b>1,377</b>	<b>1,432</b>	<b>1,442</b>	<b>1,458</b>
Plasma Physics Laboratory**	<u>17</u>	<u>20</u>	<u>16</u>	<u>1</u>	<u>1</u>
<b>GRAND TOTAL</b>	<b>1,391</b>	<b>1,397</b>	<b>1,448</b>	<b>1,443</b>	<b>\$1,459</b>

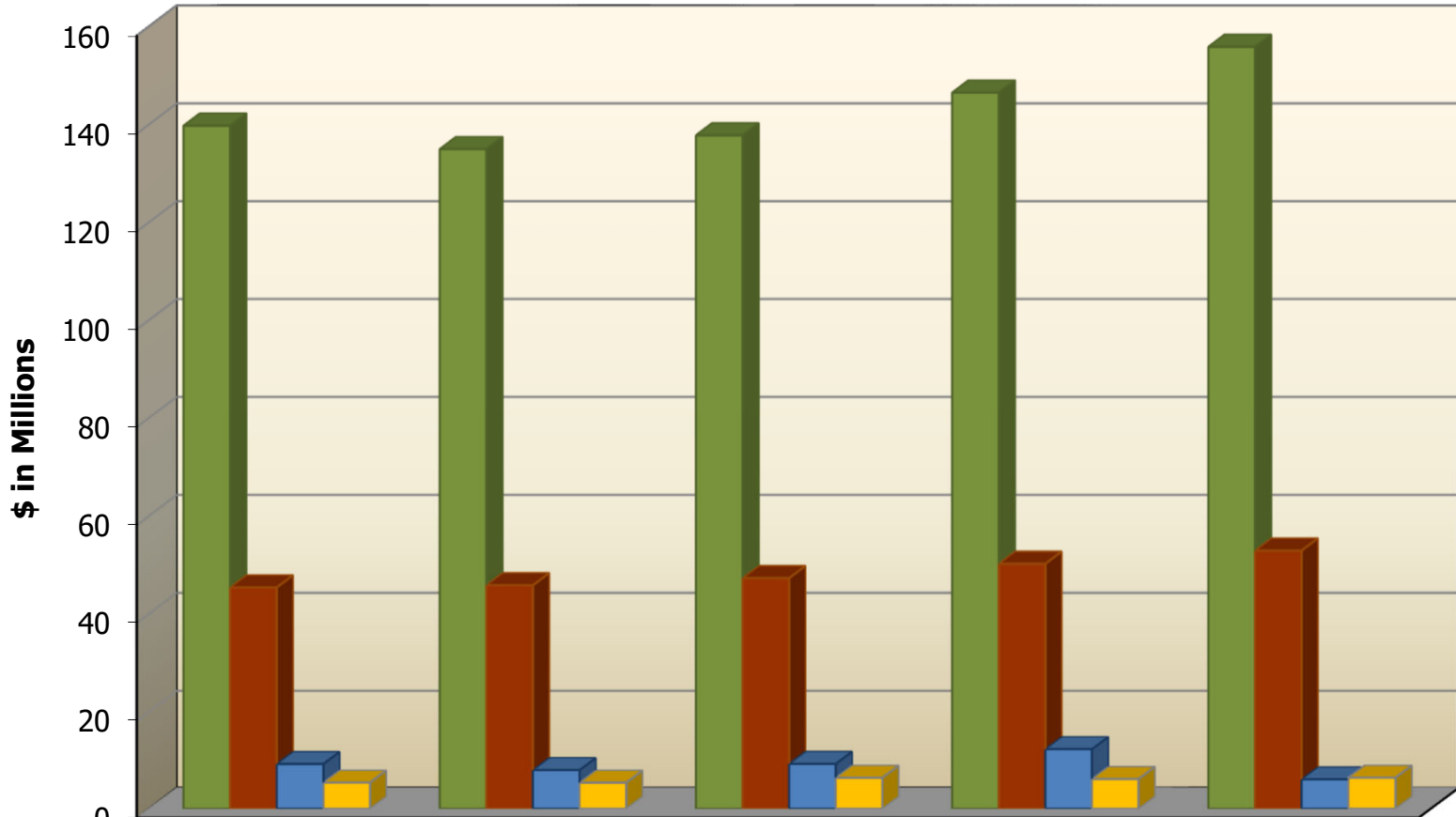
AVERAGE EXPENDITURES PER AWARD (\$1,000)

<u>Breakdown by Division*</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Natural Sciences	141	144	161	167	176
Engineering & Applied Sciences	147	134	119	134	129
Humanities & Social Sciences	129	115	111	110	90
Centers, Institutes & Non-Dept'l	175	168	21	31	35
<b>All</b>	<b>\$145</b>	<b>\$141</b>	<b>\$140</b>	<b>\$149</b>	<b>\$152</b>

\* Divisions starting in FY2016 changed to Dean of Faculty definitions.

\*\*To be consistent with Finance Office, PPPL is now counted as one award with DOE.

Chart 2  
**Breakdown of Expenditures**  
 (Excludes Plasma Physics Lab)



	2014	2015	2016	2017	2018
■ Direct Costs	139,759,708	134,967,536	137,796,889	146,525,454	155,878,341
■ Indirect Costs	45,437,603	45,887,586	47,334,327	50,269,478	52,950,261
■ Equipment/Facilities	9,226,709	7,969,349	9,254,144	12,282,328	6,053,852
■ Training Grants	5,389,415	5,361,360	6,390,044	6,130,252	6,403,919

Chart 3-1  
**Funding % By Sponsor - FY 2017-2018**  
 (Excludes PPPL)

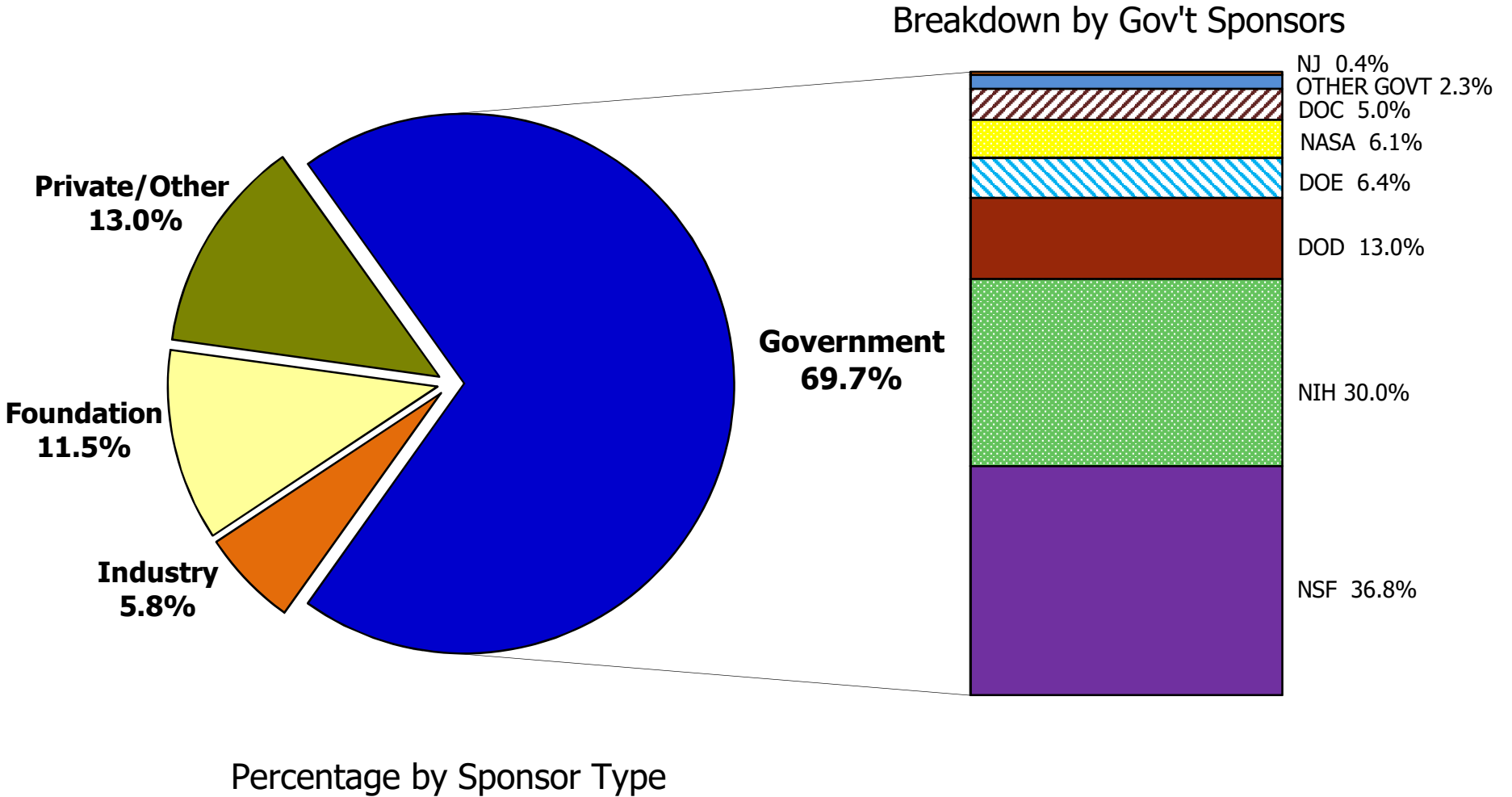
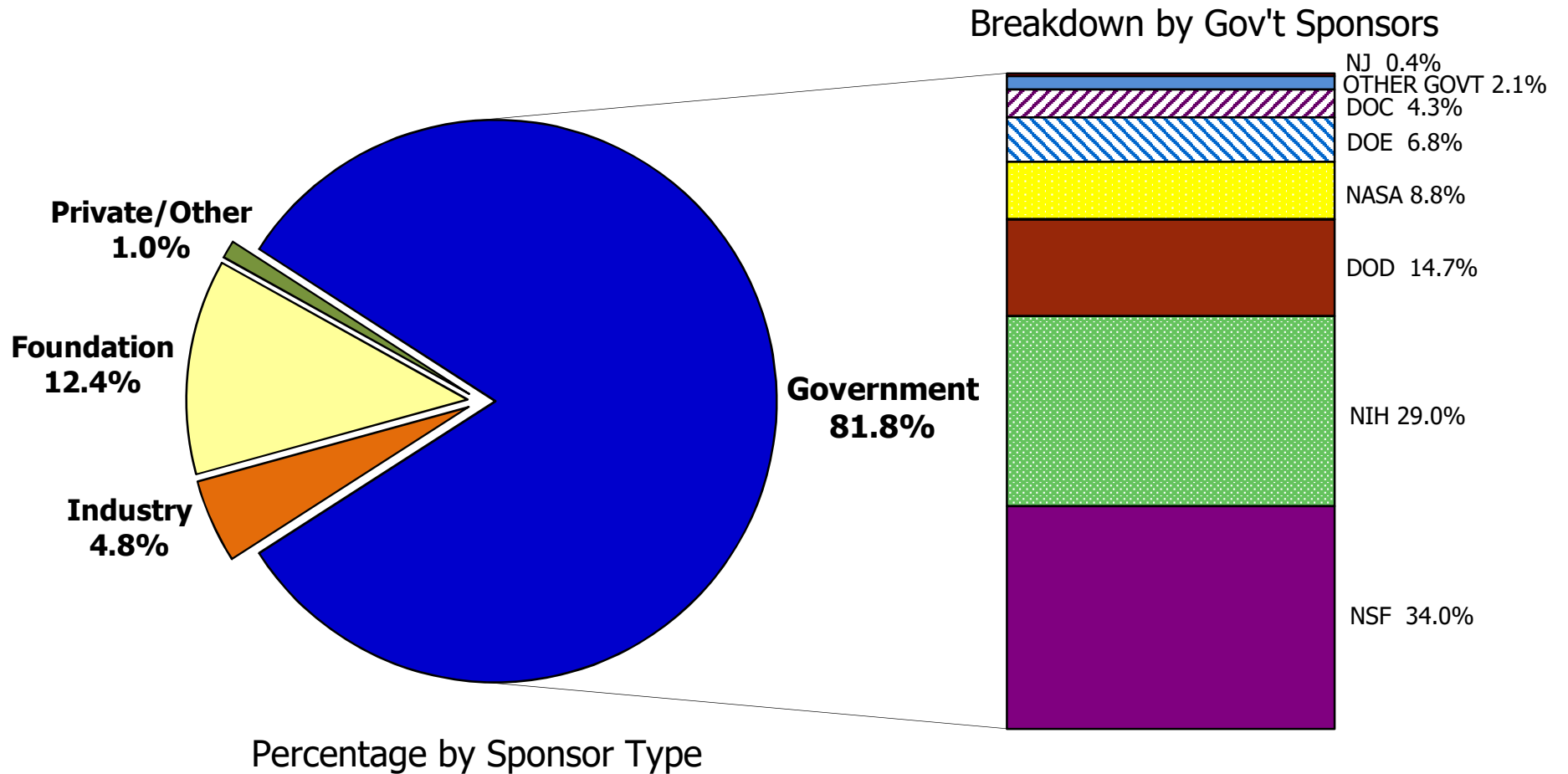


Chart 3-2  
**Funding % By Prime\* Sponsor - FY 2018-2017**  
 (Excludes PPPL)



\*Shows Federally funded subawards from industry & private organizations categorized by their prime source of funds.

Chart 4-1  
**Comparison of Government Sponsored Expenditures**  
 5 Year History  
 (Excludes Plasma Physics Lab)

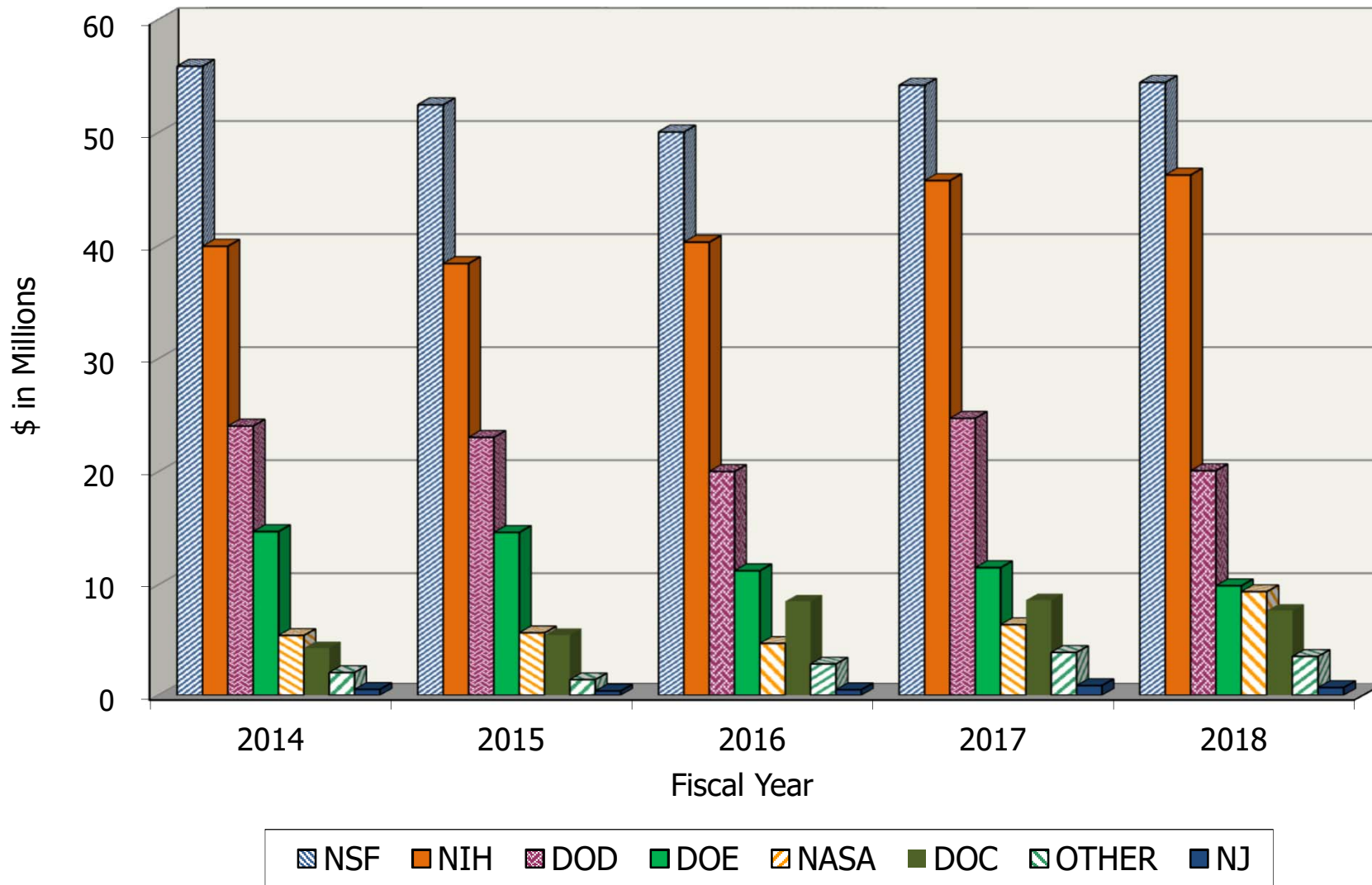


Chart 4-2  
**Comparison of Prime Government Sponsored Expenditures**  
 5 Year History  
 (Excludes Plasma Physics Lab)

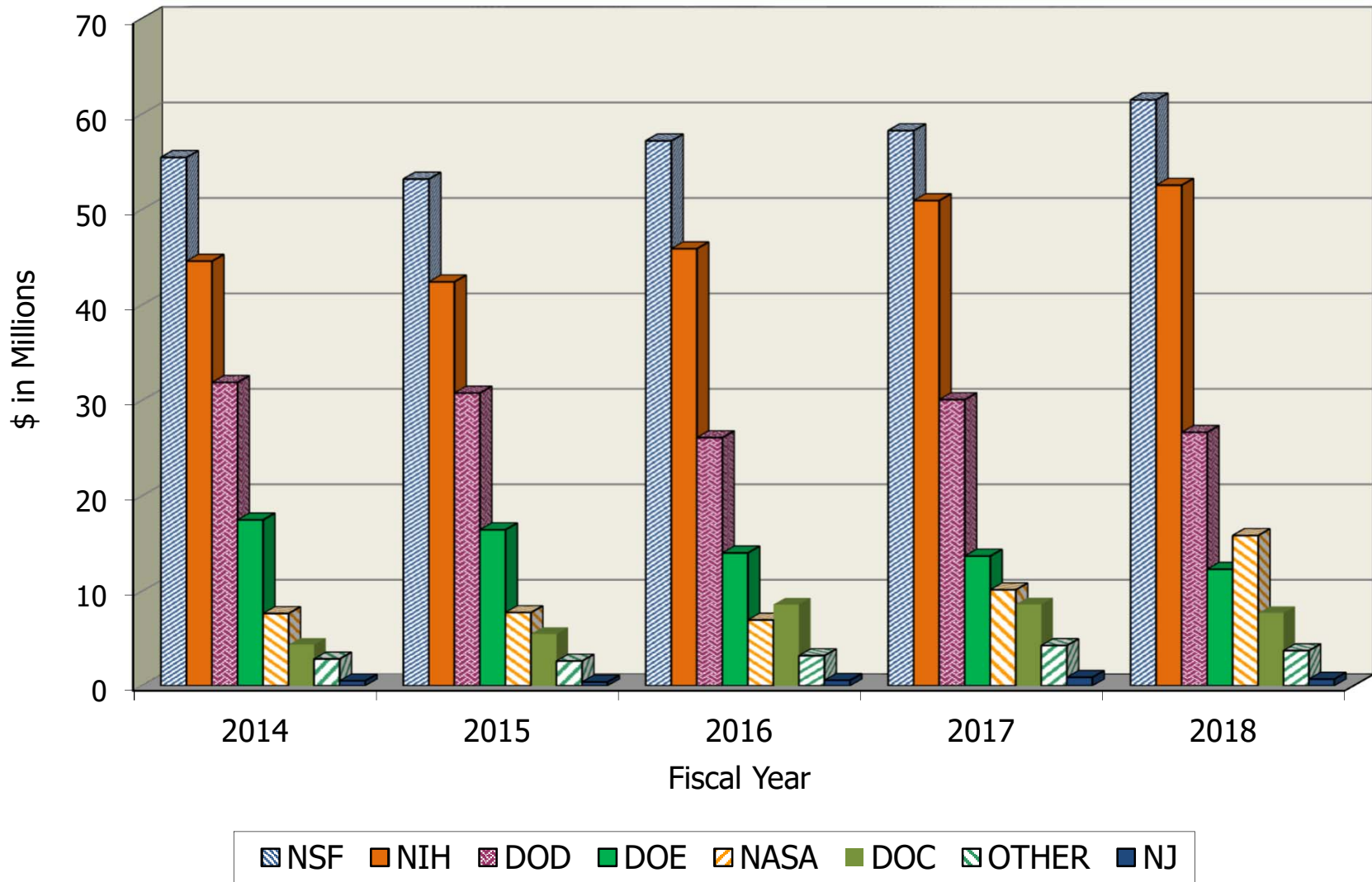


Chart 5-1  
**Comparison of Non-Government Sponsored Expenditures**  
 (Excludes Plasma Physics Lab)

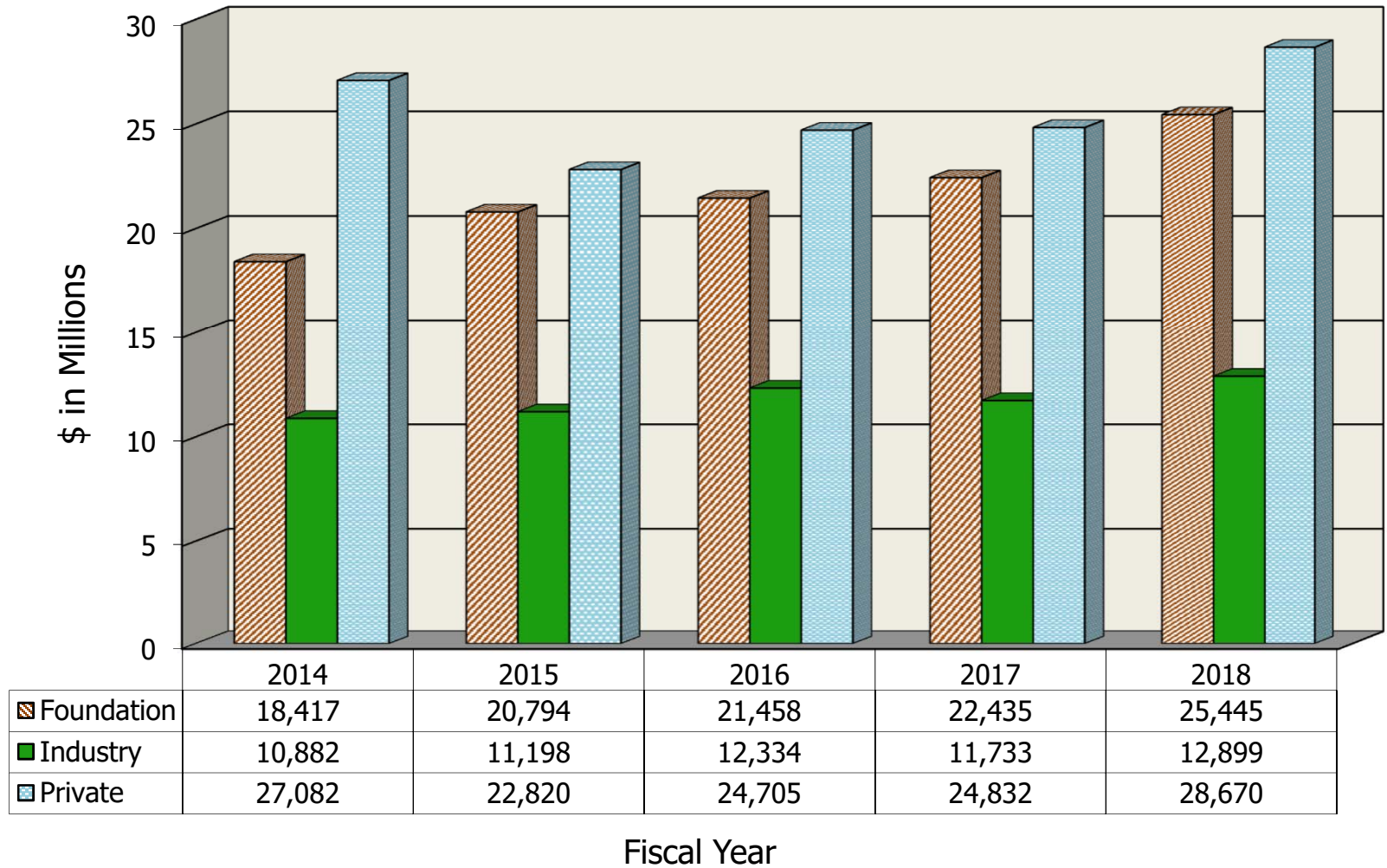
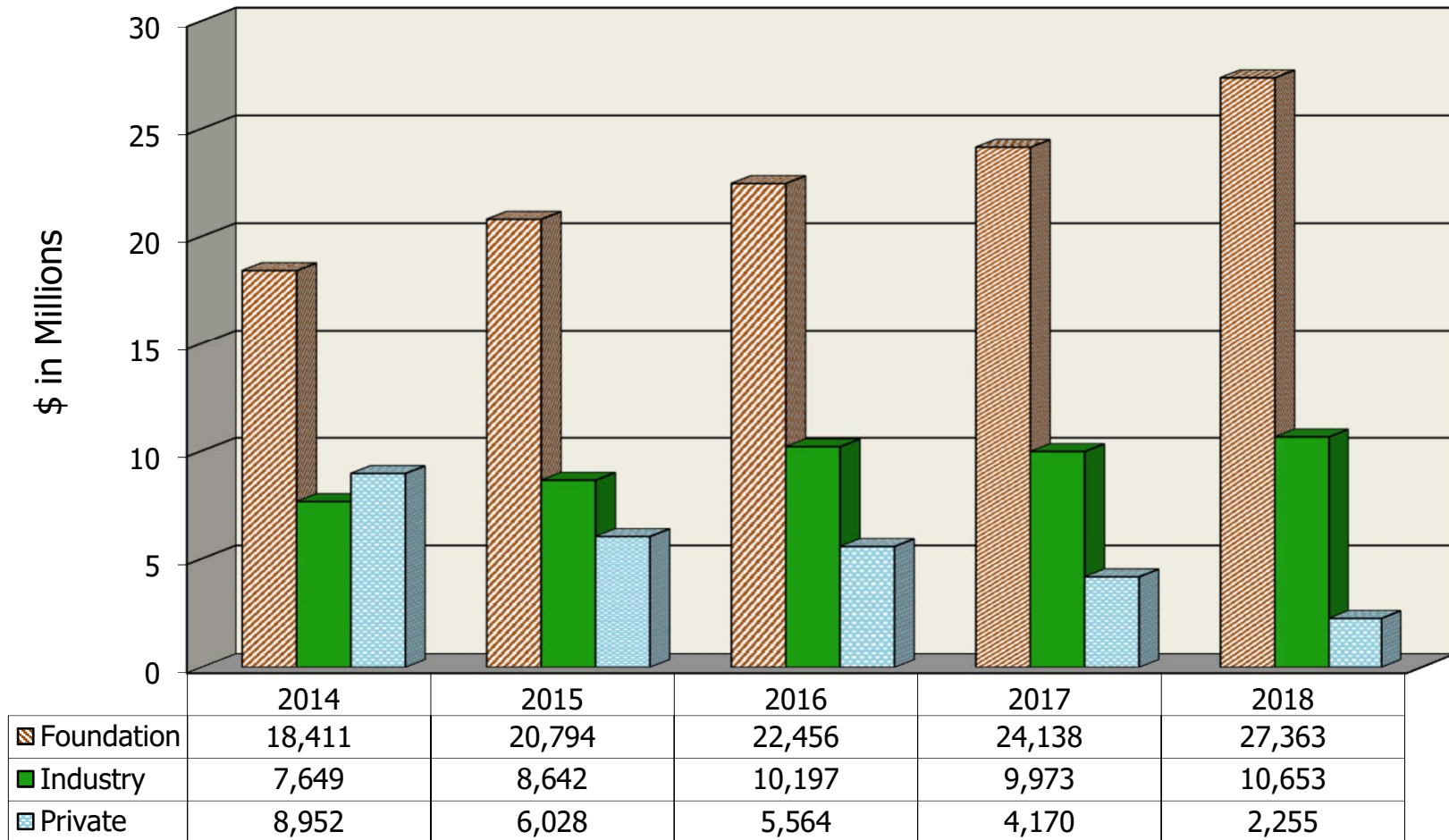


Chart 5-2

## Comparison of Non-Government Sponsored Expenditures

(with Funds moved to Prime Sponsor)

(Excludes Plasma Physics Lab)



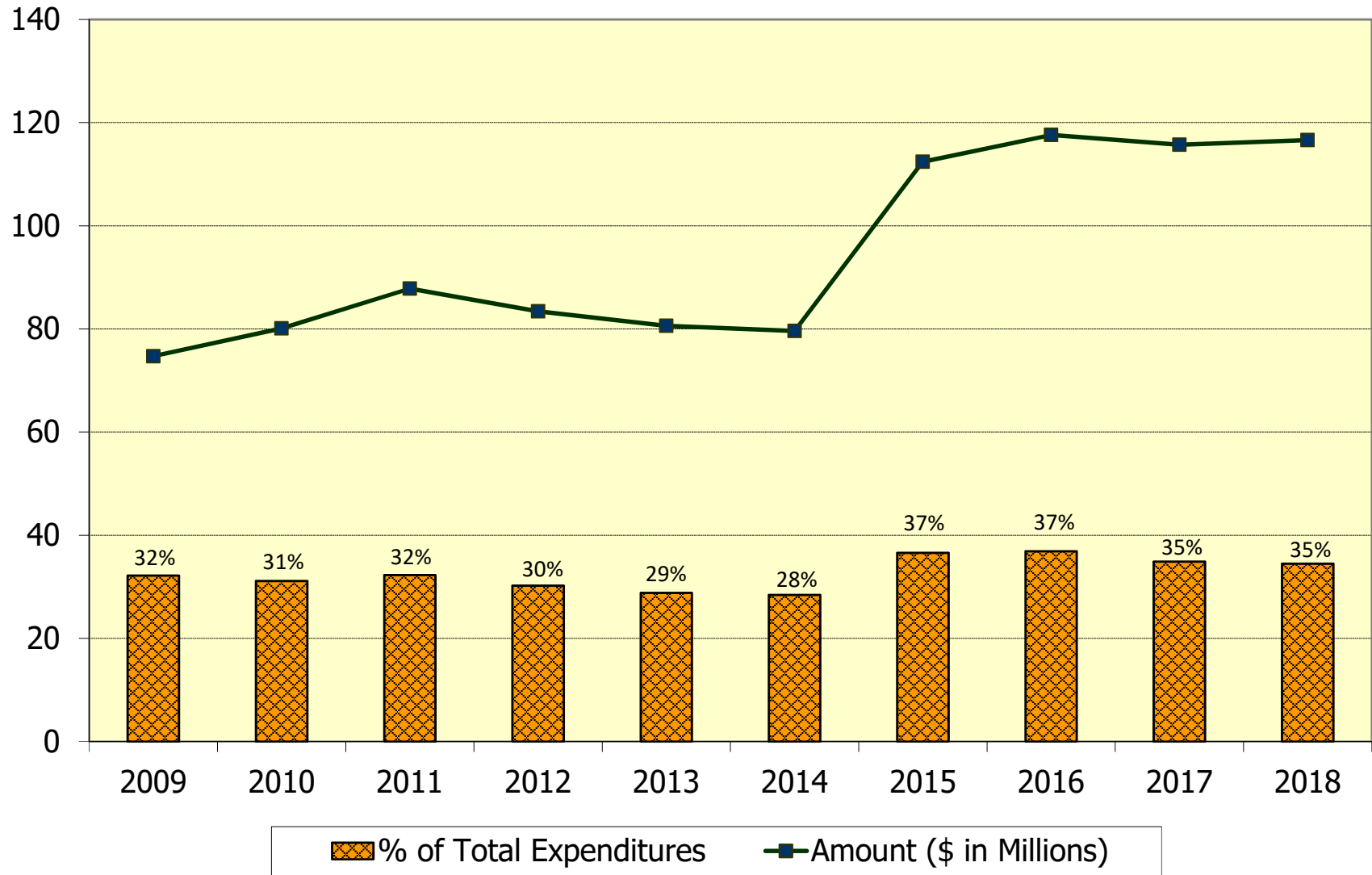
Fiscal Year



Chart 6

# PLASMA PHYSICS LABORATORY

## Amount and Percentage of Total Expenditures



## **SECTION II**

THIS SECTION PRESENTS THE SPONSORED PROJECT ACTIVITIES OF THE YEAR  
SUMMARIZED IN STATISTICAL DATA, CHARTS AND TABLES AS COMPILED BY THE  
OFFICE OF RESEARCH AND PROJECT AND ADMINISTRATION

TABLE 4

**SUMMARY OF SPONSORED EXPENDITURES BY DEPARTMENT OR PROGRAM**  
**July 1, 2017 - June 30, 2018**

<b>DEPARTMENT/PROGRAM</b>	<b># of Awards*</b>	<b>Direct Costs (Operating)</b>	<b>Student Aid/ Training Grants</b>	<b>Equipment &amp; Facilities</b>	<b>Indirect Costs</b>	<b>Total</b>
<b>NATURAL SCIENCES</b>	<b>847</b>	<b>\$105,032,497</b>	<b>\$5,301,344</b>	<b>\$4,015,723</b>	<b>\$34,780,369</b>	<b>\$149,129,933</b>
Applied & Computational Math (PACM)	17	1,645,027	70,674	(5,680)	602,074	2,312,094
Astrophysical Sciences	115	13,736,212	434,474	1,078,024	3,676,651	18,925,360
Atmospheric & Oceanic Sciences	22	7,077,893	150	1,645	2,314,715	9,394,403
Center for Statistics and Machine Learning	1	47,362	0	0	29,364	76,726
Chemistry	98	9,896,676	742,054	445,774	3,955,575	15,040,079
Ecology & Evolutionary Biology	46	2,203,599	109,867	4,043	772,101	3,089,610
Geosciences	56	2,600,130	91,740	576,198	1,151,698	4,419,765
Lewis-Siegler Institute	80	8,328,373	872,860	122,565	3,904,662	13,228,462
Mathematics	54	2,879,806	187,154	0	1,193,860	4,260,820
Molecular Biology	132	12,388,915	1,663,128	637,741	5,784,002	20,473,786
Physics	86	21,634,386	89,204	284,564	3,928,997	25,937,150
Princeton Environmental Institute (PEI)	18	6,442,205	39,870	46,969	799,553	7,328,597
Princeton Inst for Comput'l Sci & Eng (PICSciE)	2	59,866	0	0	35,535	95,401
Princeton Neuroscience Institute (PNI)	102	14,775,304	975,330	823,880	6,220,496	22,795,010
Psychology	18	1,316,742	24,840	0	411,087	1,752,669
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>463</b>	<b>40,025,835</b>	<b>983,318</b>	<b>2,025,128</b>	<b>16,679,789</b>	<b>59,714,070</b>
Andlinger Center	28	2,717,744	750	275,149	1,400,730	4,394,373
Center for Information Technology Policy	2	121,994	0	0	60,526	182,521
Chemical & Biological Engineering	61	4,393,992	234,978	125,436	1,854,367	6,608,773
Civil & Environmental Engineering	50	3,118,512	48,597	7,717	1,219,983	4,394,808
Computer Science	80	7,179,351	1,812	16,000	2,884,834	10,081,997
Electrical Engineering	81	6,005,614	7,000	502,950	2,669,506	9,185,070
Mechanical & Aerospace Engineering	77	5,379,017	21,644	454,610	2,584,075	8,439,346
Operations Research & Financial Engin.	31	2,018,610	(44)	14,780	1,011,255	3,044,602
PRISM	53	9,090,999	668,582	628,487	2,994,514	13,382,582
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>133</b>	<b>10,351,151</b>	<b>119,256</b>	<b>13,000</b>	<b>1,431,457</b>	<b>11,914,865</b>
Anthropology	2	15,312	0	0	8,781	24,093
Architecture	3	443,571	4,568	0	15,652	463,791

TABLE 4 (CONT.)

DEPARTMENT/PROGRAM	# of Awards*	Direct Costs (Operating)	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
Art & Archaeology	1	20,000	30,000	0	0	50,000
Center for Study of Religion	2	254,539	0	0	26	254,564
Classics	1	4,873	0	0	0	4,873
East Asian Studies	1	36,451	0	0	0	36,451
East Asian Program	1	12,440	3,800	0	1,624	17,864
Economics	11	311,522	0	0	168,121	479,643
English	1	26,617	0	0	0	26,617
Gender and Sexuality Studies	2	119,125	0	0	(578)	118,547
History	5	157,055	10,417	0	0	167,472
History of Science	1	4,847	0	0	1,260	6,107
Peter B. Lewis Center - Arts	0	(285)	0	0	0	(285)
Music	1	20,500	0	0	0	20,500
Near Eastern Studies	2	38,565	7,500	0	23,910	69,975
Near Eastern Studies Program	1	271,825	0	9,986	21,746	303,557
Philosophy	2	46,765	0	0	28,994	75,759
Politics	13	548,797	9,860	0	65,012	623,668
Princeton Inst. for Int'l & Regional Studies (PIIRS)	2	15,450	0	0	0	15,450
Sociology	9	157,780	0	0	89,465	247,245
Woodrow Wilson School	53	5,422,600	53,112	436	599,345	6,075,493
Population Research (WWS)	18	2,296,313	0	2,579	389,126	2,688,018
Survey Research Center (WWS)	1	126,490	0	0	18,974	145,464
<b>NON-ACADEMIC DEPARTMENTS</b>	<b>15</b>	<b>\$468,859</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,646</b>	<b>\$527,504</b>
Art Museum	7	317,925	0	0	37,979	355,905
Graduate School	1	7,064	0	0	0	7,064
Health Services	2	68,011	0	0	17,163	85,174
Library	2	28,909	0	0	0	28,909
Pace Center	0	92	0	0	0	92
Teacher Preparation	1	16,064	0	0	1,285	17,349
University Center for Human Values	2	30,795	0	0	2,219	33,013
<b>SUBTOTAL MAIN CAMPUS</b>	<b>1,458</b>	<b>\$155,878,341</b>	<b>\$6,403,919</b>	<b>\$6,053,852</b>	<b>\$52,950,261</b>	<b>\$221,286,373</b>
Plasma Physics Laboratory**	1	\$113,663,896	(\$950)	(\$262,356)	\$3,210,067	\$116,610,657
<b>GRAND TOTAL</b>	<b>1,459</b>	<b>\$269,542,237</b>	<b>\$6,402,969</b>	<b>\$5,791,496</b>	<b>\$56,160,328</b>	<b>\$337,897,030</b>

\* Counted as an Award if expenditures were +/- \$1,000 or more. Contracts and/or agreements that are divided into several ORPA Projects are considered one Award.

Awards that have multiple Projects in different Departments are counted in Lead Award Department but expenditures are added to Project Department.

\*\*To be consistent with Finance Office, PPPL is now counted as one award. Expenditures reported by PPPL are different due to their Fiscal Year.

## SECTION II

TABLE 5

**SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR**

July 1, 2017 - June 30, 2018

<b>GOVERNMENT AGENCY OR DEPARTMENT</b>	<b># of Awards*</b>	<b>Direct Costs (Operating)</b>	<b>Student Aid/ Training Grants</b>	<b>Equipment &amp; Facilities</b>	<b>Indirect Costs</b>	<b>Total</b>
NSF	374	40,922,113	1,179,623	1,849,571	12,807,576	56,758,882
NIH	185	28,578,654	3,117,819	616,651	13,936,069	46,249,193
DOE	71	6,588,337	18,316	143,677	3,159,374	9,909,704
NASA	49	7,176,570	95,169	200,841	1,910,297	9,382,876
ARMY	30	5,524,062	5,551	792,216	1,614,009	7,935,837
DOC (NOAA & NIST)	10	5,796,730	7,500	7,717	1,857,159	7,669,106
NAVY	33	3,563,146	1,300	649,093	1,681,850	5,895,389
AF	21	2,549,393	0	139,155	883,316	3,571,864
NI (IARPA)	1	1,662,743	0	95,624	904,482	2,662,850
DTRA	2	1,163,534	0	0	288,051	1,451,585
DARPA	7	858,021	0	(5)	206,214	1,064,231
STATE OF NEW JERSEY	16	545,800	105,364	0	41,639	692,803
DoED	1	271,825	0	9,986	21,746	303,557
STATE DEPT	2	201,043	0	0	21,593	222,636
OTHER DOD	2	106,507	0	0	66,034	172,541
IMLS	2	98,008	0	0	17,432	115,440
NEH	1	38,527	0	0	23,910	62,437
MISC. GOVT.**	6	110,372	0	0	41,386	151,759
<b>TOTAL GOVERNMENT</b>	<b>813</b>	<b>\$105,755,385</b>	<b>\$4,530,642</b>	<b>\$4,504,524</b>	<b>\$39,482,139</b>	<b>\$154,272,690</b>
PRIVATE/OTHER	309	\$21,176,124	\$759,759	(\$1,063,454)	\$7,797,176	\$28,669,605
FOUNDATION	244	\$20,132,380	\$1,082,651	\$2,136,928	\$2,092,942	\$25,444,901
INDUSTRIAL	92	\$8,814,451	\$30,868	\$475,854	\$3,578,005	\$12,899,177
<b>TOTAL MAIN CAMPUS</b>	<b>1,458</b>	<b>\$155,878,341</b>	<b>\$6,403,919</b>	<b>\$6,053,852</b>	<b>\$52,950,261</b>	<b>\$221,286,373</b>
PPPL DOE PRIME CONTRACT***	1	113,663,896	(950)	(262,356)	3,210,067	116,610,657
<b>TOTAL CAMPUS / PPPL</b>	<b>1,459</b>	<b>\$269,542,237</b>	<b>\$6,402,969</b>	<b>\$5,791,496</b>	<b>\$56,160,328</b>	<b>\$337,897,030</b>

\*Counted as an Award if expenditures were +/- \$1,000 or more. Contracts/agreements that are divided into several Projects are considered one Award.

\*\*Includes CDC, DOT, USIP & USDA

\*\*\*To be consistent with Finance Office, PPPL is now counted as one award. Expenditures reported by PPPL are different due to their Fiscal Year.

## SECTION II

## TABLE 6

**SUMMARY OF SPONSORED EXPENDITURES BY PRIME\* SPONSOR**

July 1, 2017 - June 30, 2018

<b>GOVERNMENT AGENCY OR DEPARTMENT</b>	<b># of Awards**</b>	<b>Direct Costs (Operating)</b>	<b>Student Aid/ Training Grants</b>	<b>Equipment &amp; Facilities</b>	<b>Indirect Costs</b>	<b>Total</b>
NSF	410	43,886,749	1,219,745	1,918,136	14,467,218	61,491,847
NIH	243	32,396,589	3,141,251	870,036	16,141,109	52,548,985
NASA	103	12,336,314	505,378	200,841	2,807,451	15,849,985
DOE	96	8,140,482	20,766	143,677	4,011,495	12,316,419
ARMY	36	5,964,623	5,551	813,644	1,834,184	8,618,002
DOC (NOAA & NIST)	11	5,840,636	7,500	7,717	1,857,159	7,713,011
NAVY	41	4,043,053	1,300	649,093	1,901,448	6,594,893
AF	37	3,428,839	0	352,279	1,426,035	5,207,154
DARPA	23	2,773,936	0	2,587	1,211,644	3,988,167
NI (IARPA)	2	1,728,374	0	95,624	945,173	2,769,171
DTRA	2	1,163,534	0	0	288,051	1,451,585
OTHER DOD	9	506,032	0	5,271	291,833	803,136
STATE OF NEW JERSEY	17	561,864	105,364	0	42,924	710,152
DoED	1	271,825	0	9,986	21,746	303,557
STATE DEPT	2	201,043	0	0	21,593	222,636
IMLS	2	98,008	0	0	17,432	115,440
DOT (FHWA & FAA)	3	70,582	0	0	29,187	99,768
MISC. GOVT.***	8	155,783	0	0	55,254	211,037
<b>TOTAL GOVERNMENT</b>	<b>1,046</b>	<b>\$123,568,265</b>	<b>\$5,006,855</b>	<b>\$5,068,890</b>	<b>\$47,370,936</b>	<b>\$181,014,945</b>
FOUNDATION	270	\$21,854,202	\$1,086,396	\$2,171,624	\$2,250,897	\$27,363,119
INDUSTRIAL	69	\$7,438,867	\$30,868	\$344,696	\$2,838,679	\$10,653,109
PRIVATE/OTHER	73	\$3,017,007	\$279,800	(\$1,531,358)	\$489,750	\$2,255,199
<b>TOTAL MAIN CAMPUS</b>	<b>1,458</b>	<b>\$155,878,341</b>	<b>\$6,403,919</b>	<b>\$6,053,852</b>	<b>\$52,950,261</b>	<b>\$221,286,373</b>
PPPL DOE PRIME CONTRACT	1	113,663,896	(950)	(262,356)	3,210,067	116,610,657
<b>TOTAL CAMPUS / PPPL</b>	<b>1,459</b>	<b>\$269,542,237</b>	<b>\$6,402,969</b>	<b>\$5,791,496</b>	<b>\$56,160,328</b>	<b>\$337,897,030</b>

\*This table categorizes federally funded subawards from industry and private organizations by their prime source of funds.

\*\* Counted as an award if expenditures were +/- \$1,000 or more. Contracts/agreements that are divided into several ORPA Projects are considered one Award.

\*\*\*Inc: BBG, CDC, NEH, USAID, and USDA

## SECTION II

TABLE 7-1 - Section 1

**MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)  
BY DEPARTMENT AND SPONSOR (July 1, 2017 - June 30, 2018)**

DEPARTMENT / PROGRAM	No. of Awards*	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		DoD AIR FORCE	
<b>NATURAL SCIENCES</b>	<b>847</b>	<b>149,130</b>	<b>162</b>	<b>42,282</b>	<b>180</b>	<b>35,540</b>	<b>42</b>	<b>6,443</b>	<b>8</b>	<b>1,210</b>
Applied & Computational Math	17	2,312	1	258	7	609	1	141	1	146
Astrophysical Sciences	115	18,925			23	3,423	16	1,334	2	538
Atmospheric & Oceanic Sciences	22	9,394			7	576	2	631		
Center for Statistics and Machine Learning	1	77								
Chemistry	98	15,040	26	5,149	11	1,473	7	1,250	1	112
Ecology & Evolutionary Biology	46	3,090	3	275	15	847				
Geosciences	56	4,420			30	2,656	3	123		
Lewis-Siegler Institute	80	13,228	32	8,954	3	581	1	42		
Mathematics	54	4,261			38	2,835			2	244
Molecular Biology	132	20,474	53	13,384	6	544				
Physics	86	25,937			28	17,563	11	2,654	2	170
Princeton Environmental Institute	18	7,329			3	3,797	1	268		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	2	95			1	86				
Princeton Neuroscience Institute (PNI)	102	22,795	43	13,296	4	262				
Psychology	18	1,753	4	966	4	287				
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>463</b>	<b>59,714</b>	<b>16</b>	<b>2,601</b>	<b>170</b>	<b>20,327</b>	<b>29</b>	<b>3,466</b>	<b>13</b>	<b>2,362</b>
Andlinger Ctr for Energy & Environment	28	4,394			7	753	6	643	1	262
Center for Information Technology Policy	2	183								
Chemical & Biological Engineering	61	6,609	10	1,565	9	1,065	5	682	1	204
Civil & Environ. Engineering	50	4,395			13	1,870	3	203		
Computer Science	80	10,082	3	705	51	6,023			2	522
Electrical Engineering	81	9,185			37	2,925	4	815	4	419
Mechanical & Aerospace Engineering	77	8,439			19	1,385	4	262	2	455
Oper. Res. & Financial Engineering	31	3,045	3	331	17	1,207			2	334
PRISM	53	13,383			17	5,099	7	862	1	165
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>133</b>	<b>11,915</b>	<b>7</b>	<b>1,365</b>	<b>24</b>	<b>892</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Anthropology	2	24			2	24				
Architecture School	3	464								
Art & Archaeology	1	50								
Center for the Study of Religion	2	255								
Classics	1	5								
East Asian Studies	1	36								
East Asian Studies Program	1	18								
Economics	11	480			7	434				
English	1	27								
Gender and Sexuality Studies	2	119								
History	5	167								
History of Science	1	6			1	6				
Music	1	20								
Near Eastern Studies	2	70								
Near Eastern Studies Program	1	304								
Philosophy	2	76								
Politics	13	624			4	102				
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	15								
Sociology	9	247			7	229				
Woodrow Wilson School	53	6,075			3	96				
Population Research (WWS)	18	2,688	7	1,365						
Survey Research Center (WWS)	1	145								
<b>NON-ACADEMIC DEPARTMENTS</b>	<b>15</b>	<b>528</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Art Museum	7	356								
Center for Human Values	2	33								
Graduate School	1	7								
Health Services	2	85								
Library	2	29								
Teacher Preparation	1	17								
<b>TOTAL, MAIN CAMPUS</b>	<b>1458</b>	<b>221,286</b>	<b>185</b>	<b>46,249</b>	<b>374</b>	<b>56,759</b>	<b>71</b>	<b>9,910</b>	<b>21</b>	<b>3,572</b>
<b>Plasma Physics Laboratory</b>	<b>1</b>	<b>116,611</b>					<b>1</b>	<b>116,611</b>		
<b>GRAND TOTAL</b>	<b>1459</b>	<b>337,897</b>	<b>185</b>	<b>46,249</b>	<b>374</b>	<b>56,759</b>	<b>72</b>	<b>126,520</b>	<b>21</b>	<b>3,572</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes CDC, DOT, FAA, FHWA, IMLS, NEH, USIP, & USDA

## SECTION II

TABLE 7-1 - Section 2

**MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)  
BY DEPARTMENT AND SPONSOR (July 1, 2017 - June 30, 2018)**

DEPARTMENT / PROGRAM	DoD NAVY		NASA		DoD ARMY		STATE OF NJ		DOC (NIST/NOAA)		DoD DARPA	
<b>NATURAL SCIENCES</b>	<b>10</b>	<b>1,191</b>	<b>33</b>	<b>7,751</b>	<b>11</b>	<b>4,083</b>	<b>12</b>	<b>569</b>	<b>3</b>	<b>7,215</b>	<b>0</b>	<b>0</b>
Applied & Computational Math	3	258			1	175						
Astrophysical Sciences			17	4,499								
Atmospheric & Oceanic Sciences			5	724					3	7,215		
Center for Statistics and Machine Learning												
Chemistry	1	69			4	1,629	*	55				
Ecology & Evolutionary Biology					1	13						
Geosciences		0	3	408								
Lewis-Siegler Institute								3	48			
Mathematics												
Molecular Biology	2	141			1	431	6	276				
Physics	3	285	5	2,018	2	1,626						
Princeton Environmental Institute			3	102								
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	1	439			2	209	2	138				
Psychology							1	51				
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>22</b>	<b>4,634</b>	<b>16</b>	<b>1,632</b>	<b>19</b>	<b>3,852</b>	<b>3</b>	<b>94</b>	<b>7</b>	<b>454</b>	<b>7</b>	<b>1,064</b>
Andlinger Ctr for Energy & Environment	2	341										
Center for Information Technology Policy												
Chemical & Biological Engineering					1	91	3	94	1	8	1	170
Civil & Environ. Engineering			9	713	2	70			6	446		
Computer Science	1	114			1	111					1	266
Electrical Engineering	5	572			1	129					3	428
Mechanical & Aerospace Engineering	10	2,446	7	919	7	468						
Oper. Res. & Financial Engineering	1	205			2	265					1	103
PRISM	3	956			5	2,719					1	96
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>1</b>	<b>70</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Anthropology												
Architecture School												
Art & Archaeology												
Center for the Study of Religion												
Classics												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Gender and Sexuality Studies												
History												
History of Science												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)												
Sociology												
Woodrow Wilson School	1	70										
Population Research (WWS)												
Survey Research Center (WWS)												
<b>NON-ACADEMIC DEPARTMENTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Art Museum							1	30				
Center for Human Values												
Graduate School												
Health Services												
Library												
Teacher Preparation												
<b>TOTAL, MAIN CAMPUS</b>	<b>33</b>	<b>5,895</b>	<b>49</b>	<b>9,383</b>	<b>30</b>	<b>7,936</b>	<b>16</b>	<b>693</b>	<b>10</b>	<b>7,669</b>	<b>7</b>	<b>1,064</b>
<b>Plasma Physics Laboratory</b>												
<b>GRAND TOTAL</b>	<b>33</b>	<b>5,895</b>	<b>49</b>	<b>9,383</b>	<b>30</b>	<b>7,936</b>	<b>16</b>	<b>693</b>	<b>10</b>	<b>7,669</b>	<b>7</b>	<b>1,064</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes CDC, DOT, FAA, FHWA, IMLS, NEH, USIP, & USDA



SECTION II

TABLE 7-1 - Section 3

**MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)  
BY DEPARTMENT AND SPONSOR (July 1, 2017 - June 30, 2018)**

DEPARTMENT / PROGRAM	Other DoD		DoED		IARPA		STATE DEPT		OTHER GOVT		GOVERNMENT	
<b>NATURAL SCIENCES</b>	<b>3</b>	<b>369</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2,663</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>76</b>	<b>467</b>	<b>109,394</b>
Applied & Computational Math											14	1,587
Astrophysical Sciences		(0)									58	9,794
Atmospheric & Oceanic Sciences											17	9,147
Center for Statistics and Machine Learning											0	0
Chemistry											50	9,738
Ecology & Evolutionary Biology									1	57	20	1,192
Geosciences	1	197									37	3,384
Lewis-Siegler Institute									1	18	40	9,643
Mathematics											40	3,078
Molecular Biology	2	173									70	14,948
Physics											51	24,317
Princeton Environmental Institute											7	4,167
Princeton Inst for Computat'l Sci & Engin (PICSciE)											1	86
Princeton Neuroscience Institute (PNI)					1	2,663					53	17,008
Psychology											9	1,304
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>1</b>	<b>1,255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>51</b>	<b>306</b>	<b>41,797</b>
Andlinger Ctr for Energy & Environment											16	2,000
Center for Information Technology Policy											0	0
Chemical & Biological Engineering											31	3,879
Civil & Environ. Engineering									1	6	34	3,309
Computer Science											59	7,741
Electrical Engineering											54	5,288
Mechanical & Aerospace Engineering							1	5	1	45	51	5,984
Oper. Res. & Financial Engineering											26	2,443
PRISM	1	1,255									35	11,153
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>304</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>218</b>	<b>3</b>	<b>88</b>	<b>37</b>	<b>2,937</b>
Anthropology											2	24
Architecture School											0	0
Art & Archaeology											0	0
Center for the Study of Religion											0	0
Classics											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											7	434
English											0	0
Gender and Sexuality Studies											0	0
History										(0)	0	(0)
History of Science											1	6
Music											0	0
Near Eastern Studies									1	62	1	62
Near Eastern Studies Program			1	304							1	304
Philosophy											0	0
Politics							1	218			5	320
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)											0	0
Sociology											7	229
Woodrow Wilson School									2	25	6	191
Population Research (WWS)											7	1,365
Survey Research Center (WWS)											0	0
<b>NON-ACADEMIC DEPARTMENTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>115</b>	<b>3</b>	<b>145</b>
Art Museum									2	115	3	145
Center for Human Values											0	0
Graduate School											0	0
Health Services											0	0
Library											0	0
Teacher Preparation											0	0
<b>TOTAL, MAIN CAMPUS</b>	<b>4</b>	<b>1,624</b>	<b>1</b>	<b>304</b>	<b>1</b>	<b>2,663</b>	<b>2</b>	<b>223</b>	<b>9</b>	<b>330</b>	<b>813</b>	<b>154,273</b>
<b>Plasma Physics Laboratory</b>											<b>1</b>	<b>116,611</b>
<b>GRAND TOTAL</b>	<b>4</b>	<b>1,624</b>	<b>1</b>	<b>304</b>	<b>1</b>	<b>2,663</b>	<b>2</b>	<b>223</b>	<b>9</b>	<b>330</b>	<b>814</b>	<b>270,883</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes CDC, DOT, FAA, FHWA, IMLS, NEH, USIP, & USDA

## SECTION II

TABLE 7-1 - Section 4

**MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)  
BY DEPARTMENT AND SPONSOR (July 1, 2017 - June 30, 2018)**

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
	138	14,834	39	6,509	203	18,393
<b>NATURAL SCIENCES</b>						
Applied & Computational Math	3	725				(0)
Astrophysical Sciences	8	947	2	245	47	7,939
Atmospheric & Oceanic Sciences					5	248
Center for Statistics and Machine Learning			1	77		
Chemistry	18	1,765	19	2,211	11	1,327
Ecology & Evolutionary Biology	9	696			17	1,201
Geosciences	4	124	2	200	13	711
Lewis-Siegler Institute	11	662	1	261	28	2,661
Mathematics	13	1,161			1	21
Molecular Biology	20	2,278	5	286	37	2,961
Physics	20	2,159	4	312	11	(850)
Princeton Environmental Institute	3	543	2	2,151	6	467
Princeton Inst for Computat'l Sci & Engin (PICSciE)					1	10
Princeton Neuroscience Institute (PNI)	26	3,548	2	659	21	1,581
Psychology	3	225	1	107	5	117
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>25</b>	<b>2,490</b>	<b>52</b>	<b>6,302</b>	<b>80</b>	<b>9,125</b>
Andlinger Ctr for Energy & Environment	1	28	5	1,691	6	675
Center for Information Technology Policy	1	43			1	139
Chemical & Biological Engineering	9	722	7	407	14	1,601
Civil & Environ. Engineering			7	443	9	643
Computer Science	8	735	3	499	10	1,106
Electrical Engineering	1	4	9	1,151	17	2,742
Mechanical & Aerospace Engineering	2	238	10	703	14	1,515
Oper. Res. & Financial Engineering	1	6	3	526	1	70
PRISM	2	714	8	883	8	633
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>73</b>	<b>7,864</b>	<b>1</b>	<b>88</b>	<b>22</b>	<b>1,026</b>
Anthropology						
Architecture School	2	344			1	120
Art & Archaeology	1	50				
Center for the Study of Religion	2	254				0
Classics	1	5				
East Asian Studies	1	36				
East Asian Studies Program	1	18				
Economics	3	43			1	3
English	1	27				
Gender and Sexuality Studies	2	119				
History	4	143			1	24
History of Science						
Music	1	20				
Near Eastern Studies	1	8				
Near Eastern Studies Program						
Philosophy					2	76
Politics	6	254			2	49
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	15				
Sociology		(0)			2	18
Woodrow Wilson School	35	5,237	1	88	11	559
Population Research (WWS)	9	1,146			2	177
Survey Research Center (WWS)	1	145				
<b>NON-ACADEMIC DEPARTMENTS</b>	<b>8</b>	<b>257</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>125</b>
Art Museum	4	210				
Center for Human Values	1	16			1	17
Graduate School	1	7				
Health Services	1	2			1	83
Library	1	21			1	8
Teacher Preparation					1	17
<b>TOTAL, MAIN CAMPUS</b>	<b>244</b>	<b>25,445</b>	<b>92</b>	<b>12,899</b>	<b>309</b>	<b>28,670</b>
<b>Plasma Physics Laboratory</b>						
<b>GRAND TOTAL</b>	<b>244</b>	<b>25,445</b>	<b>92</b>	<b>12,899</b>	<b>309</b>	<b>28,670</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes CDC, DOT, FAA, FHWA, IMLS, NEH, USIP, & USDA

## SECTION II

TABLE 7-2 - Section 1

**MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR** (Expenditures - \$ in Thousands)  
**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2017 - June 30, 2018)

DEPARTMENT / PROGRAM	No. of Awards*	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		DoD AIR FORCE	
<b>NATURAL SCIENCES</b>	<b>847</b>	<b>149,130</b>	<b>210</b>	<b>47,476</b>	<b>203</b>	<b>38,935</b>	<b>55</b>	<b>7,558</b>	<b>12</b>	<b>1,439</b>
Applied & Computational Math	17	2,312	1	258	7	609	1	141	1	146
Astrophysical Sciences	115	18,925			24	5,417	21	1,716	3	587
Atmospheric & Oceanic Sciences	22	9,394			9	638	2	631		
Center for Statistics and Machine Learning	1	77								
Chemistry	98	15,040	27	5,578	14	1,753	10	1,592	3	270
Ecology & Evolutionary Biology	46	3,090	6	597	17	949				
Geosciences	56	4,420			36	2,928	5	252		
Lewis-Siegler Institute	80	13,228	44	10,384	4	730	3	246		
Mathematics	54	4,261			39	2,856			2	244
Molecular Biology	132	20,474	73	15,626	6	544				
Physics	86	25,937	2	45	29	17,642	12	2,711	2	170
Princeton Environmental Institute	18	7,329			5	4,135	1	268		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	2	95			2	95				
Princeton Neuroscience Institute (PNI)	102	22,795	52	14,022	6	324			1	22
Psychology	18	1,753	5	965	5	316				
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>463</b>	<b>59,714</b>	<b>24</b>	<b>3,653</b>	<b>182</b>	<b>21,608</b>	<b>41</b>	<b>4,758</b>	<b>25</b>	<b>3,768</b>
Andlinger Ctr for Energy & Environment	28	4,394			7	753	8	821	2	441
Center for Information Technology Policy	2	183							1	139
Chemical & Biological Engineering	61	6,609	13	2,043	10	1,071	6	689	3	570
Civil & Environ. Engineering	50	4,395			15	1,907	8	734		
Computer Science	80	10,082	6	1,150	51	6,023			2	354
Electrical Engineering	81	9,185			41	3,572	5	897	5	737
Mechanical & Aerospace Engineering	77	8,439	1	27	20	1,452	6	677	8	1,027
Oper. Res. & Financial Engineering	31	3,045	3	331	17	1,207			2	334
PRISM	53	13,383	1	102	21	5,624	8	941	2	167
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>133</b>	<b>11,915</b>	<b>9</b>	<b>1,421</b>	<b>25</b>	<b>949</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Anthropology	2	24			2	24				
Architecture School	3	464								
Art & Archaeology	1	50								
Center for the Study of Religion	2	255								
Classics	1	5								
East Asian Studies	1	36								
East Asian Studies Program	1	18								
Economics	11	480			7	434				
English	1	27								
Gender and Sexuality Studies	2	119								
History	5	167								
History of Science	1	6			1	6				
Music	1	20								
Near Eastern Studies	2	70								
Near Eastern Studies Program	1	304								
Philosophy	2	76	1	19	1	57				
Politics	13	624			4	102				
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	15								
Sociology	9	247			7	229				
Woodrow Wilson School	53	6,075			3	96				
Population Research (WWS)	18	2,688	8	1,402						
Survey Research Center (WWS)	1	145								
<b>NON-ACADEMIC</b>	<b>15</b>	<b>528</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Art Museum	7	356								
Center for Human Values	2	33								
Graduate School	1	7								
Health Services	2	85								
Library	2	29								
Teacher Preparation	1	17								
<b>TOTAL, MAIN CAMPUS</b>	<b>1458</b>	<b>221,286</b>	<b>243</b>	<b>52,549</b>	<b>410</b>	<b>61,492</b>	<b>96</b>	<b>12,316</b>	<b>37</b>	<b>5,207</b>
<b>Plasma Physics Laboratory</b>	<b>1</b>	<b>116,611</b>					<b>1</b>	<b>116,611</b>		
<b>GRAND TOTAL</b>	<b>1459</b>	<b>337,897</b>	<b>243</b>	<b>52,549</b>	<b>410</b>	<b>61,492</b>	<b>97</b>	<b>128,927</b>	<b>37</b>	<b>5,207</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted as an award
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes BBG, CDC, DOT, EPA, FAA, IMLS, NEH, USAID, USIP, & USDA

SECTION II

TABLE 7-2 - Section 2

**MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR** (Expenditures - \$ in Thousands)  
**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2017 - June 30, 2018)

DEPARTMENT / PROGRAM	DoD NAVY		NASA		DoD ARMY		STATE OF NJ		DOC (NIST/NOAA)		DoD DARPA	
<b>NATURAL SCIENCES</b>	<b>11</b>	<b>1,331</b>	<b>75</b>	<b>13,456</b>	<b>12</b>	<b>4,167</b>	<b>12</b>	<b>569</b>	<b>4</b>	<b>7,259</b>	<b>4</b>	<b>583</b>
Applied & Computational Math	3	258			1	175						
Astrophysical Sciences			54	9,993								
Atmospheric & Oceanic Sciences			5	724					3	7,215		
Center for Statistics and Machine Learning												
Chemistry	1	69			4	1,629		55				
Ecology & Evolutionary Biology					1	13			1	44	2	390
Geosciences		0	5	523								
Lewis-Siegler Institute							3	48			1	87
Mathematics												
Molecular Biology	1	77			1	431	6	276				
Physics	3	285	6	2,060	2	1,626					1	106
Princeton Environmental Institute			5	155								
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	3	643			3	293	2	138				
Psychology							1	51				
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>27</b>	<b>5,014</b>	<b>27</b>	<b>2,378</b>	<b>23</b>	<b>4,368</b>	<b>3</b>	<b>94</b>	<b>7</b>	<b>454</b>	<b>19</b>	<b>3,406</b>
Andlinger Ctr for Energy & Environment	2	341										
Center for Information Technology Policy												
Chemical & Biological Engineering					1	91	3	94	1	8	1	170
Civil & Environ. Engineering	1	12	11	1,029	2	70			6	446		
Computer Science	1	114			1	111					4	867
Electrical Engineering	6	630			4	449					10	1,985
Mechanical & Aerospace Engineering	12	2,718	15	1,339	7	468					1	114
Oper. Res. & Financial Engineering	1	205			2	265					2	172
PRISM	4	994	1	11	6	2,914					1	96
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>3</b>	<b>249</b>	<b>1</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Anthropology												
Architecture School												
Art & Archaeology												
Center for the Study of Religion												
Classics												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Gender and Sexuality Studies												
History												
History of Science												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)												
Sociology			1	16								
Woodrow Wilson School	3	249										
Population Research (WWS)												
Survey Research Center (WWS)												
<b>NON-ACADEMIC</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>83</b>	<b>2</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Art Museum							1	30				
Center for Human Values												
Graduate School												
Health Services					1	83						
Library												
Teacher Preparation							1	17				
<b>TOTAL, MAIN CAMPUS</b>	<b>41</b>	<b>6,595</b>	<b>103</b>	<b>15,850</b>	<b>36</b>	<b>8,618</b>	<b>17</b>	<b>710</b>	<b>11</b>	<b>7,713</b>	<b>23</b>	<b>3,988</b>
<b>Plasma Physics Laboratory</b>												
<b>GRAND TOTAL</b>	<b>41</b>	<b>6,595</b>	<b>103</b>	<b>15,850</b>	<b>36</b>	<b>8,618</b>	<b>17</b>	<b>710</b>	<b>11</b>	<b>7,713</b>	<b>23</b>	<b>3,988</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted as an av
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes BBG, CDC, DOT, EPA, FAA, IMLS, NEH, USAID, USIP, & USDA

## SECTION II

TABLE 7-2 - Section 3

**MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR** (Expenditures - \$ in Thousands)  
**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2017 - June 30, 2018)

DEPARTMENT / PROGRAM	DTRA/DSCA		DoED		IARPA		STATE DEPT		OTHER GOVT		GOVERNMENT	
	Other DoD											
<b>NATURAL SCIENCES</b>	<b>8</b>	<b>886</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2,769</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>76</b>	<b>610</b>	<b>126,503</b>
Applied & Computational Math											14	1,587
Astrophysical Sciences		(0)									102	17,714
Atmospheric & Oceanic Sciences											19	9,208
Center for Statistics and Machine Learning											0	0
Chemistry											59	10,945
Ecology & Evolutionary Biology									1	57	28	2,050
Geosciences	1	197									47	3,901
Lewis-Siegler Institute									1	18	56	11,514
Mathematics											41	3,099
Molecular Biology	3	237									90	17,190
Physics	3	428									60	25,073
Princeton Environmental Institute	1	25									12	4,582
Princeton Inst for Computat'l Sci & Engin (PICSciE)											2	95
Princeton Neuroscience Institute (PNI)					1	2,662					68	18,105
Psychology					1	107					12	1,439
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>3</b>	<b>1,369</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>5</b>	<b>124</b>	<b>387</b>	<b>50,999</b>
Andlinger Ctr for Energy & Environment											19	2,356
Center for Information Technology Policy											1	139
Chemical & Biological Engineering											38	4,735
Civil & Environ. Engineering	1	41							3	51	47	4,289
Computer Science											65	8,619
Electrical Engineering									1	29	72	8,300
Mechanical & Aerospace Engineering							1	5	1	45	72	7,870
Oper. Res. & Financial Engineering											27	2,513
PRISM	2	1,327									46	12,177
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>304</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>218</b>	<b>4</b>	<b>111</b>	<b>44</b>	<b>3,267</b>
Anthropology											2	24
Architecture School											0	0
Art & Archaeology											0	0
Center for the Study of Religion											0	0
Classics											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											7	434
English											0	0
Gender and Sexuality Studies											0	0
History											0	(0)
History of Science											1	6
Music											0	0
Near Eastern Studies											1	62
Near Eastern Studies Program			1	304							1	304
Philosophy											2	76
Politics							1	218	1	23	6	343
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Sociology											8	245
Woodrow Wilson School											2	25
Population Research (WWS)											8	1,402
Survey Research Center (WWS)											0	0
<b>NON-ACADEMIC</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>115</b>	<b>5</b>	<b>246</b>
Art Museum									2	115	3	145
Center for Human Values											0	0
Graduate School											0	0
Health Services											1	83
Library											0	0
Teacher Preparation											1	17
<b>TOTAL, MAIN CAMPUS</b>	<b>11</b>	<b>2,255</b>	<b>1</b>	<b>304</b>	<b>2</b>	<b>2,769</b>	<b>2</b>	<b>223</b>	<b>13</b>	<b>426</b>	<b>1046</b>	<b>181,015</b>
<b>Plasma Physics Laboratory</b>											<b>1</b>	<b>116,611</b>
<b>GRAND TOTAL</b>	<b>11</b>	<b>2,255</b>	<b>1</b>	<b>304</b>	<b>2</b>	<b>2,769</b>	<b>2</b>	<b>223</b>	<b>13</b>	<b>426</b>	<b>1047</b>	<b>297,625</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted as an av
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes BBG, CDC, DOT, EPA, FAA, IMLS, NEH, USAID, USIP, & USDA

## SECTION II

TABLE 7-2 - Section 4

**MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR** (Expenditures - \$ in Thousands)  
**BY DEPARTMENT AND PRIME SPONSOR (July 1, 2017 - June 30, 2018)**

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
	157	16,233	34	5,878	46	516
<b>NATURAL SCIENCES</b>						
Applied & Computational Math	3	725				
Astrophysical Sciences	8	947	1	108	4	157
Atmospheric & Oceanic Sciences	2	91			1	95
Center for Statistics and Machine Learning			1	77		
Chemistry	18	1,765	18	2,143	3	187
Ecology & Evolutionary Biology	12	931			6	109
Geosciences	6	230	2	200	1	88
Lewis-Siegler Institute	15	1,140	2	268	7	307
Mathematics	13	1,161				
Molecular Biology	23	2,324	6	291	13	669
Physics	22	2,400	1	2	3	(1,538)
Princeton Environmental Institute	3	543	2	2,151	1	53
Princeton Inst for Computat'l Sci & Engin (PICSciE)						
Princeton Neuroscience Institute (PNI)	28	3,752	1	638	5	301
Psychology	4	224			2	90
<b>ENGINEERING &amp; APPLIED SCIENCES</b>	<b>26</b>	<b>2,561</b>	<b>34</b>	<b>4,687</b>	<b>16</b>	<b>1,466</b>
Andlinger Ctr for Energy & Environment	1	28	6	1,709	2	300
Center for Information Technology Policy	1	43				
Chemical & Biological Engineering	9	722	7	407	7	745
Civil & Environ. Engineering			2	103	1	3
Computer Science	9	807	3	338	3	319
Electrical Engineering	1	4	6	814	2	67
Mechanical & Aerospace Engineering	2	238	2	299	1	32
Oper. Res. & Financial Engineering	1	6	3	526		
PRISM	2	714	5	492		
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	<b>78</b>	<b>8,294</b>	<b>1</b>	<b>88</b>	<b>10</b>	<b>265</b>
Anthropology						
Architecture School	3	464				
Art & Archaeology	1	50				
Center for the Study of Religion	2	254				0
Classics	1	5				
East Asian Studies	1	36				
East Asian Studies Program	1	18				
Economics	3	43			1	2
English	1	27				
Gender and Sexuality Studies	2	119				
History	4	143			1	24
History of Science						
Music	1	20				
Near Eastern Studies	1	8				
Near Eastern Studies Program						
Philosophy						
Politics	6	254			1	26
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	15				
Sociology	1	2				
Woodrow Wilson School	37	5,405	1	88	7	212
Population Research (WWS)	10	1,286				
Survey Research Center (WWS)	1	145				
<b>NON-ACADEMIC</b>	<b>9</b>	<b>274</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>
Art Museum	4	210				
Center for Human Values	2	33				
Graduate School	1	7				
Health Services	1	2				
Library	1	21			1	8
Teacher Preparation						
<b>TOTAL, MAIN CAMPUS</b>	<b>270</b>	<b>27,363</b>	<b>69</b>	<b>10,653</b>	<b>73</b>	<b>2,255</b>
<b>Plasma Physics Laboratory</b>						
<b>GRAND TOTAL</b>	<b>270</b>	<b>27,363</b>	<b>69</b>	<b>10,653</b>	<b>73</b>	<b>2,255</b>

\*Count to Award Dept., expenditures to Project Dept.

**NOTES:**

1. Figures are rounded out to nearest dollar
2. Expenditures less than +/- \$1,000 not counted as an av
3. Figures in ( ) represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes BBG, CDC, DOT, EPA, FAA, IMLS, NEH, USAID, USIP, & USDA

### SECTION III

This Section lists sponsored awards by department/program which were active during the period of July 1, 2017 to June 30, 2018, and is sorted by start date.

<b><u>Alphabetical List of Departments and Programs</u></b>	<b><u>Page</u></b>
Andlinger Center for Energy and the Environment .....	32
Anthropology.....	35
Applied and Computational Mathematics.....	36
Architecture .....	37
Art & Archaeology.....	38
Art Museum .....	39
Astrophysical Sciences .....	40
Atmospheric and Oceanic Sciences Program.....	50
Center for Human Values .....	52
Center for Information Technology Policy .....	53
Center for Statistics and Machine Learning.....	54
Center for the Study of Religion .....	55
Chemical and Biological Engineering.....	56
Chemistry .....	61
Civil and Environmental Engineering.....	68
Classics.....	72
Computer Science.....	73
East Asian Studies / EAS Program .....	79
Ecology and Evolutionary Biology .....	80
Economics.....	84
Electrical Engineering.....	85
English .....	92
Gender and Sexuality Studies .....	93
Geosciences .....	94
Graduate School .....	99
History.....	100
History of Science.....	101
Lewis-Sigler Institute for Integrative Genomics.....	102
Library .....	108
Mathematics.....	109
Mechanical and Aerospace Engineering.....	113
Molecular Biology.....	119
Music.....	128
Near Eastern Studies / NES Program .....	129
Operations Research and Financial Engineering .....	130
Papers of Thomas Jefferson.....	133
Philosophy .....	134
Physics .....	135
Politics .....	141
Princeton Environmental Institute (PEI) .....	143
Princeton Institute for Computational Science and Engineering (PICSciE).....	145

**SECTION III (cont.)**

<b><u>Alphabetical List of Departments and Programs (cont.)</u></b>	<b><u>Page</u></b>
Princeton Institute for International and Regional Studies (PIIRS) .....	146
Princeton Institute for the Science and Technology of Materials (PRISM) .....	147
Princeton Neuroscience Institute (PNI) .....	151
Princeton Plasma Physics Laboratory .....	158
Psychology .....	159
Sociology .....	161
Teacher Preparation.....	162
University Health Services .....	163
Woodrow Wilson School (WWS).....	164
WWS - Office of Population Research .....	169
WWS - Survey Research Center .....	170



**Andlinger Center for Energy and the Environment**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Carter, Emily Ann	CNV1000881	Grant	Quantum Mechanical Evaluation of CZTS Photovoltaic Materials	DOE - Washington	9/1/2009	11/30/2018	\$1,207,000
Carter, Emily Ann	CNV1002660	Grant	CDS&E: Correlated Wavefunction Methods for Gas and Condensed Phases	NSF - National Science Foundation	9/1/2013	8/31/2018	\$420,000
White, Claire Emily	CNV1003136	Grant	Sulfate Attack Mechanisms in Geopolymers: Measurements and Modeling at the Nanoscale	NSF - National Science Foundation	7/1/2014	6/30/2018	\$299,933
Carter, Emily Ann	AWD1004135	Grant	Unlocking Solar Water Splitting via Embedded Correlated Wavefunction Theory	Air Force Office of Scientific Research	8/1/2014	7/31/2020	\$1,050,000
Rand, Barry P.	AWD1004099	Grant	Exploring the Impact of the Local Environment on Charge Transfer States at Molecular Donor-Acceptor Heterojunctions	DOE - Washington	8/15/2014	8/14/2018	\$1,169,595
Steingart, Daniel Artemus	AWD1004104	Grant	Collaborative Research: High-Density, Cost-Effective Electrochemical Power Management with Real-Time Diagnostics	NSF - National Science Foundation	9/1/2014	8/31/2017	\$150,000
Carter, Emily Ann	AWD1004297	Grant	Shedding Light on Plasmon-Based Photochemical and Photophysical Processes	Rice University (Air Force Office of Scientific Research)	11/1/2014	1/31/2019	\$869,054
Carter, Emily Ann	AWD1004388	Grant	Advancing Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	4/1/2015	6/30/2019	\$675,000
Larson, Eric David	AWD1004608	Contract	Sustainable Transportation Energy with Net Negative Carbon Emissions: An Integrated Ecological and Engineering Systems Analysis	Stanford University	6/1/2015	8/31/2018	\$706,781
Loo, Yueh Lin	AWD1004474	Contract	ExxonMobil Research and Engineering (EMRE) Company - Princeton E-affiliates Partnership	ExxonMobil Research and Engineering Co.	6/4/2015	6/3/2020	\$6,429,376
Meggers, Forrest Michael	AWD1004702	Contract	3-for-2 - Beyond Efficiency: Realizing Spatial, Material, and Energy Savings Through Integrated Design, Advanced Systems and Controls	ETH Zurich (Siemens Corporation)	7/1/2015	8/31/2019	\$143,000
Steingart, Daniel Artemus	AWD1004607	Contract	Determination of Aqueous / Aprotic Lithium Plating Properties	alpha-En Corporation	9/1/2015	6/30/2018	\$226,247
Rand, Barry P.	AWD1004653	Grant	Uncovering the Device Physics of Metal Halide Perovskite Solar Cells	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2017	\$60,000
Kolemen, Egemen	AWD1004852	Grant	Real-time Electron Temperature and Density Profile Measurements for NSTX-U	DOE - Washington	5/15/2016	5/14/2019	\$648,052
White, Claire Emily	AWD1004840	Grant	CAREER: SusChEM: Controlling Carbonation Degradation in Sustainable Cements by Stabilizing Amorphous Calcium Carbonate	NSF - National Science Foundation	7/1/2016	6/30/2021	\$549,718
Rand, Barry P.	AWD1004884	Grant	Exploiting Multiple Exciton Effects in Organic Solar Cells	NSF - National Science Foundation	7/1/2016	6/30/2019	\$329,609

**Andlinger Center for Energy and the Environment (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kolemen, Egemen	AWD1004885	Grant	Physics-Based Real-time Analysis and Control to Achieve Transient-Free Operations for the ITER Era	DOE - Washington	7/15/2016	7/14/2021	\$848,599
Loo, Yueh Lin	AWD1005050	Grant	DMREF: Collaborative Research: Organic Semiconductors by Computationally-Accelerated Refinement (OSCAR)	NSF - National Science Foundation	10/1/2016	9/30/2019	\$255,000
Koel, Bruce E.	AWD1005330	Grant	University Coalition for Fossil Energy Research	The Pennsylvania State University (DOE - Pittsburgh NETL)	10/1/2016	12/31/2018	\$199,632
Rand, Barry P.	AWD1004849	Grant	Understanding Processing and Device Function of Metal Halide Perovskite Thin Film Solar Cells	Office of Naval Research	12/1/2016	11/30/2019	\$547,110
Steingart, Daniel Artemus	AWD1005091	Contract	A Membrane Free Natural Convection ZnBr <sub>2</sub> Battery	Bromine Compounds Ltd (BCL)	1/1/2017	12/31/2018	\$150,000
Chen, Minjie	AWD1005397	Grant	Developing a Smart Energy Router for Flexible and Efficient DC Power Distribution in Smart Homes and Buildings	Siebel Energy Institute (UC Berkeley Fdn. and Siebel Energy Inst.)	4/17/2017	8/31/2018	\$50,000
Larson, Eric David	AWD1005682	Contract	Impacts of High Impedance Faults on Low-Voltage Electricity Distribution in the UK	Europe Power Survey Limited	7/17/2017	12/31/2018	\$113,400
White, Claire Emily	AWD1005402	Grant	Optimizing the Temperature and Chemical Stability of Fly Ash Aluminosilicate Composites at the Nanoscale	NSF - National Science Foundation	8/1/2017	7/31/2020	\$320,000
Steingart, Daniel Artemus	AWD1005401	Contract	Investigation of Lithium Plating Under Varying Conditions at Princeton University Laboratory Using Alpha-En Electrochemical Cell	Mercedes-Benz R&D of North America, Inc.	8/2/2017	8/31/2019	\$150,000
Carter, Emily Ann	AWD1005571	Contract	Mixed Ionic Electronic Conducting Quaternary Perovskites: Materials by Design for Solar Thermochemical Hydrogen	Arizona State University (DOE- Golden Field Office)	10/1/2017	3/31/2019	\$340,570
Steingart, Daniel Artemus	AWD1005558	Contract	Engineering the Invisible: Probing the Limits of Solar Powered Com-Towers	American Tower Corporation	12/1/2017	1/1/2019	\$38,932
Chen, Minjie	AWD1005709	Grant	Extreme Efficiency 240 Vac to Load Data Center Power Delivery Topologies and Control	University of California at Berkeley (DOE - Washington)	3/16/2018	3/15/2021	\$320,000
Carter, Emily Ann	AWD1005710	Contract	Advancing Catalysis Modeling: From Atomistic Chemistry to Whole System Simulation	Lawrence Berkeley National Laboratory (DOE - Washington)	3/28/2018	10/31/2021	\$604,000
Rand, Barry P.	AWD1005691	Contract	Light Extraction Enhancing Nanoporous OLED Anodes	Solution Deposition Sys. Inc. (DOE - Washington)	4/9/2018	12/9/2018	\$49,228
Avalos, Jose L.	AWD1005702	Grant	CAREER: Closed-Loop Control of Engineered Metabolism using Biosensors and Optogenetics	NSF - National Science Foundation	6/1/2018	5/31/2023	\$524,786

**Andlinger Center for Energy and the Environment (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Ren, Zhiyong	AWD1005777	Grant	Collaborative Research: Self-Sustaining Microbial Photoelectrosynthesis for Energy and Fuel Production	NSF - National Science Foundation	6/30/2018	6/30/2020	\$209,369

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Greenhouse, Carol Jane	AWD1004524	Grant	Doctoral Dissertation Research: An Ethnographic Study of Lay Participation in the United States Criminal Justice System	NSF - National Science Foundation	9/1/2015	8/31/2018	\$21,033
Greenhouse, Carol Jane	AWD1005369	Grant	Doctoral Dissertation Research: Processes of State Administration in Caring for the Isolated Deceased	NSF - National Science Foundation	7/15/2017	12/31/2018	\$23,532

**Applied & Computational Mathematics**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Constantin, Peter	CNV1002044	Grant	Complex and Nonlocal Systems	NSF - National Science Foundation	9/17/2012	9/30/2017	\$599,998
E, Weinan	CNV1002142	Grant	Modeling Mesoscale Processes of Scalable Synthesis	DOE - Washington	12/1/2012	11/30/2017	\$600,000
Seymour, Paul Douglas	CNV1002422	Grant	"Collaborative Research: Cliques, Stable Sets, and Approximate Structure"	NSF - National Science Foundation	8/1/2013	7/31/2018	\$240,000
Seymour, Paul Douglas	CNV1003052	Grant	Problems in Graph Theory	Office of Naval Research	4/1/2014	9/30/2017	\$533,986
Singer, Amit	AWD1004091	Grant	Improved Algorithms for Macromolecular Structure Determination by Cryo-EM	NIH NIGMS	8/1/2014	12/31/2018	\$1,311,545
Singer, Amit	CNV1003113	Grant	Simons Collaboration on Algorithms and Geometry	The Simons Foundation	8/1/2014	7/31/2018	\$660,574
Holmes, Philip John	AWD1004096	Grant	U.S. - German Collaboration: Central Pattern Generators and Reflexive Feedback in Insect Locomotion: A Cross-Species Study	NSF - National Science Foundation	8/15/2014	7/31/2018	\$506,745
Holmes, Philip John	AWD1004257	Cooperative Agreement	Integrative Functional Mapping of Sensory-Motor Pathways	Calif Inst of Technology (NIH NINDS)	9/30/2014	7/31/2018	\$354,210
Singer, Amit	AWD1004217	Grant	Moore Investigators in Data Driven-Discovery	Gordon and Betty Moore Foundation	12/1/2014	11/20/2019	\$1,504,951
Chudnovsky, Maria	AWD1004526	Grant	Collaborative Research: Cliques, Stable Sets and Approximate Structure	NSF - National Science Foundation	7/15/2015	7/31/2018	\$210,155
Constantin, Peter	AWD1004562	Grant	Mathematical Methods for Water Problems	NSF - National Science Foundation	8/15/2015	7/31/2019	\$600,000
Singer, Amit	AWD1004655	Grant	Diffusion Scattering Networks	U.S.-Israel Binational Science Fdn.	9/1/2015	8/31/2019	\$35,568
Abbe, Emmanuel Auguste	AWD1004727	Grant	CAREER: Information-Theoretic Foundations of Community Detection and Graphical Channels	NSF - National Science Foundation	2/15/2016	1/31/2021	\$500,000
Chudnovsky, Maria	AWD1004908	Grant	Coloring Perfect Graphs	Army Research Office	7/18/2016	12/17/2018	\$422,056
Seymour, Paul Douglas	AWD1005230	Grant	Graph Coloring Questions	Office of Naval Research	6/1/2017	5/31/2018	\$125,000
Singer, Amit	AWD1005404	Grant	Modern Tools for Classification and Clustering	Air Force Office of Scientific Research	8/1/2017	7/31/2020	\$600,000
E, Weinan	AWD1005442	Grant	Machine Learning via Dynamical Systems	Office of Naval Research	9/1/2017	8/31/2020	\$597,211
Constantin, Peter	AWD1005299	Grant	Complex Systems and Boundary Interactions	NSF - National Science Foundation	9/15/2017	8/31/2020	\$320,000

**Architecture**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Allen, Stanley T.	CNV1002893	Grant	Princeton-Mellon Architecture, Urbanism, and Humanities Initiative: Cities of the Americas: Architecture, Society, Policy, and Culture	The Andrew W. Mellon Foundation	10/1/2013	9/30/2017	\$1,968,209
Nordenson, Guy J.P.	AWD1005235	Contract	Regional Corridors of Resilience and Equity	Regional Plan Association (The Rockefeller Foundation)	11/1/2016	10/31/2017	\$120,000
Gandelsonas, Mario Isaac	AWD1005241	Grant	Princeton-Mellon Initiative: Cities on the Edge: Hemispheric Comparisons and Connections	The Andrew W. Mellon Foundation	3/22/2017	9/30/2020	\$1,209,011

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Patton, Pamela A.	AWD1004870	Grant	Kress Postdoctoral Fellowship at the Index of Christian Art	Samuel H. Kress Foundation	9/1/2017	8/31/2018	\$60,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Steward, James C.	AWD1004270	Grant	The Minor White Photography Archive at the Princeton University Art Museum: Digitization, Documentation and Access	U.S. Inst of Museum & Library Services	11/1/2014	10/31/2017	\$99,493
Steward, James C.	AWD1004696	Grant	Nature's Nation: American Art and Environment	The Henry Luce Foundation, Inc.	11/5/2015	11/4/2019	\$125,000
Steward, James C.	AWD1004857	Grant	The Berlin Painter	Stavros Niarchos Foundation	6/2/2016	9/17/2017	\$100,000
Steward, James C.	AWD1005041	Grant	Nature's Nation: American Art and Environment	National Endowment for the Arts	7/1/2016	12/31/2019	\$50,000
Steward, James C.	AWD1005037	Grant	Princeton University Art Museum Asian Art Collections Discovery	U.S. Inst of Museum & Library Services	11/1/2016	10/31/2018	\$150,000
Steward, James C.	AWD1005116	Grant	Clarence White and His World: The Art and Craft of Photography, 1895 -1925	The Henry Luce Foundation, Inc.	1/1/2017	12/31/2018	\$150,000
Steward, James C.	AWD1005117	Grant	Collections Research Initiative	The Andrew W. Mellon Foundation	1/1/2017	12/31/2019	\$303,430
Steward, James C.	AWD1005200	Grant	NEA 2016 Berlin Painter Proposal	National Endowment for the Arts	1/1/2017	12/31/2017	\$30,000
Steward, James C.	AWD1005555	Grant	Programming for the Art Museum CY 2017	Rita Allen Foundation, Inc.	1/1/2017	12/31/2017	\$4,000
Steward, James C.	AWD1005529	Grant	PUAM - FY2018 Application for General Support	NJ State Council on the Arts	7/1/2017	6/30/2018	\$30,000
Steward, James C.	AWD1005503	Grant	Discovering Drawings	U.S. Inst of Museum & Library Services	11/1/2017	10/31/2020	\$399,293



**Astrophysical Sciences**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Goodman, Jeremy J.	CNV1001093	Grant	Predicting Signatures of Accretion and Turbulence in Protoplanetary Disks	NASA Headquarters - Washington	9/1/2010	8/31/2017	\$362,000
Fisch, Nathaniel J.	CNV1002184	Grant	Center for Pulsed Power Driven High Energy Density Plasmas	Cornell University (DOE - Germantown)	10/1/2012	9/30/2017	\$525,000
Bakos, Gaspar Aron	CNV1002124	Grant	Packard Fellowship Grant: Gaspar Bakos	The David and Lucile Packard Foundation	10/17/2012	10/15/2019	\$875,000
Bhattacharjee, Amitava	CNV1002432	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	NSF - National Science Foundation	6/15/2013	5/31/2019	\$1,280,000
Brennan, Dylan Patrick	CNV1002433	Grant	Interactions Between Microturbulence and Magnetohydrodynamic Instabilities in Magnetized Plasmas	DOE - Washington	8/15/2013	1/31/2019	\$345,000
Ebrahimi, Fatima	CNV1002434	Grant	Extended MHD Studies of Flow-Driven and Reconnecting Instabilities in Toroidal Plasmas	DOE - Germantown	8/15/2013	8/14/2021	\$725,000
Stone, James McLellan	CNV1002436	Grant	Collaborative Research: Black Hole Accretion Theory and Computation Network	NSF - National Science Foundation	9/1/2013	8/31/2017	\$501,276
Stone, James McLellan	CNV1002441	Grant	MHD Models of Accretion Disks in Close Binaries	NSF - National Science Foundation	9/1/2013	8/31/2017	\$311,500
Ostriker, Eve Charis	CNV1002443	Grant	The Physics of Feedback and Star Formation Regulation in Galactic Disks	NSF - National Science Foundation	9/1/2013	8/31/2017	\$415,516
Spergel, David N.	CNV1002442	Grant	Combining Thermal SZ and Gravitational Lensing Measurements: A Novel Approach to Measuring the Amplitude of Matter Fluctuations	NSF - National Science Foundation	9/15/2013	8/31/2017	\$539,488
Goodman, Jeremy J.	CNV1002444	Grant	Experiments in Magnetohydrodynamic and Hydrodynamic Instabilities of Astrophysical Interest	NSF - National Science Foundation	9/15/2013	8/31/2018	\$487,630
Greene, Jenny E.	CNV1002892	Contract	AGN Fueling: Alignments Between Circumnuclear Structures and Radio Jets	Space Telescope Science Institute (NASA HQ - Washington)	10/1/2013	9/30/2017	\$38,852
Ji, Hantao	CNV1002989	Grant	MRI Consortium: Development of A Large Plasma Device for Studies of Magnetic Reconnection and Related Phenomena	NSF - National Science Foundation	10/1/2013	9/30/2019	\$3,078,369
Ostriker, Eve Charis	CNV1002915	Grant	Collaborative Research: From the ISM to the IMF: Multi-Scale, Multi-Physics Modeling of Star Formation, Princeton Node	NASA Headquarters - Washington	1/1/2014	6/30/2018	\$502,897
Morton, Timothy Davies	CNV1002965	Grant	Completing the Kepler Census of Earth-like Planets	NASA Shared Services Center	2/11/2014	8/10/2018	\$448,851
Gunn, James Edward	AWD1004250	Grant	ARC Agreement SSP422, SDSS-IV Support	Astrophysical Research Consortium (ARC)	4/1/2014	12/31/2018	\$244,109

## Astrophysical Sciences (2)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jenkins, Edward Beynon	CNV1003137	Contract	Directly Probing $>10^6$ K Gas in Lyman Limit Absorbers at $z>2$	Space Telescope Science Institute (NASA HQ - Washington)	5/1/2014	4/30/2018	\$84,752
Spitkovsky, Anatoly	CNV1003037	Grant	Simons Investigator - A. Spitkovsky	The Simons Foundation	8/1/2014	7/31/2019	\$594,000
Draine, Bruce T.	AWD1004067	Grant	Interstellar Dust: Optics and Models	NSF - National Science Foundation	8/15/2014	7/31/2019	\$454,820
Greene, Jenny E.	AWD1004146	Grant	Collaborative Research: MASSIVE - A Survey of the 100 Most Massive Galaxies within 100 Mpc	NSF - National Science Foundation	9/1/2014	8/31/2018	\$317,602
Ebrahimi, Fatima	AWD1004183	Grant	Global Simulations of Dynamo and Magnetorotational Instability in Madison Plasma Experiments and Astrophysical Disks	DOE - Germantown	9/15/2014	9/14/2017	\$220,000
Bakos, Gaspar Aron	AWD1004209	Contract	Supporting TESS from the ground with HATNET	Massachusetts Institute of Technology (NASA Goddard Space Flight Center)	10/1/2014	10/8/2019	\$410,492
Lupton, Robert Hugh	AWD1004264	Contract	Testbed Photometric Data Processor	Assn of Univ for Rsrch in Astronomy, Inc. (NSF - National Science Foundation)	10/1/2014	9/30/2018	\$6,658,504
Bhattacharjee, Amitava	AWD1004507	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	NSF - National Science Foundation	10/21/2014	5/31/2019	\$612,689
Spergel, David N.	AWD1004187	Grant	Tidal Effects in Few-body Interactions	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	12/1/2014	11/30/2017	\$306,962
Goulding, Andrew David	AWD1004302	Grant	Probing the Extreme AGN Blowout Phase of Galaxy Evolutio	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	12/25/2014	1/31/2018	\$36,181
Greene, Jenny E.	AWD1004265	Contract	The Hosts of Megamaser Galaxies (II)	Space Telescope Science Institute (NASA HQ - Washington)	1/1/2015	12/31/2018	\$87,692
Bowen, David Vernon	AWD1004288	Contract	The COS Absorption Survey of Baryon Harbors (CASBaH): Probing the Circumgalactic Media of Galaxies from $z = 0$ to $z = 1.5$	Space Telescope Science Institute (NASA HQ - Washington)	1/1/2015	12/31/2017	\$83,482
Burrows, Adam S.	AWD1004324	Grant	Optimal Observational Diagnostics for Transiting Exoplanetary Atmospheres	University of Maryland (NASA HQ - Washington)	1/26/2015	1/25/2018	\$135,000
Jenkins, Edward Beynon	AWD1004333	Contract	Constraining the Cosmic-ray Acceleration and Gamma-ray Emission Processes in IC 443	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2015	2/28/2019	\$19,764

## Astrophysical Sciences (3)

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bowen, David Vernon	AWD1004347	Contract	Baryon Structures Around Nearby Galaxies: Using an Edge-On Disk to Assess Inflow/Outflow Models	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2015	2/28/2018	\$173,959
Huang, Yi-Min	AWD1004381	Grant	Plasma Instabilities in Post-Eruption Solar Corona, Formation of Plasmoids and Supra-Arcade Downflows	NSF - National Science Foundation	5/15/2015	4/30/2018	\$357,000
Spitkovsky, Anatoly	AWD1004518	Grant	First-Principles Simulations of Pulsar Magnetospheres	NASA Headquarters - Washington	6/5/2015	6/4/2019	\$599,406
Brennan, Dylan Patrick	AWD1004433	Grant	Stability and Control of Burning Tokamak Plasmas with Resistive Walls	DOE - Washington	7/1/2015	6/30/2021	\$849,999
Greene, Jenny E.	AWD1005057	Contract	Extended X-ray Emission From a Quasar-driven Superbubble	Space Telescope Science Institute (NASA HQ - Washington)	7/1/2015	6/30/2018	\$10,373
Hartman, Joel David	AWD1004558	Contract	Confirming the Inflated Size of a Transiting Super-Jupiter with WHIRC	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	7/22/2015	7/1/2017	\$19,250
Stone, James McLellan	AWD1004536	Grant	A Max-Planck/Princeton Research Center for Plasma Physics	NSF - National Science Foundation	8/1/2015	7/31/2018	\$540,000
Spitkovsky, Anatoly	AWD1004583	Grant	Formation and Diagnostics of Collisionless Shock in Laser-Produced Plasmas	DOE - Chicago	8/15/2015	8/14/2018	\$640,000
Fisch, Nathaniel J.	AWD1004505	Grant	Equation of State for Hydrodynamic Compression in Turbulent Z-pinch	NSF - National Science Foundation	9/1/2015	8/31/2019	\$285,000
Cen, Renyue	AWD1004564	Grant	Unveiling True Galaxy Abundance Evolution at z=6-15 with Precision Simulations and Analysis	NSF - National Science Foundation	9/1/2015	8/31/2018	\$764,413
Spitkovsky, Anatoly	AWD1004574	Grant	Kinetic and Multiscale Simulations of Particle Acceleration in Astrophysical Shocks	NSF - National Science Foundation	9/1/2015	8/31/2019	\$457,936
Spitkovsky, Anatoly	AWD1004582	Grant	Particle Acceleration and Emission Processes in Pulsar Magnetospheres	NASA Headquarters - Washington	9/1/2015	8/31/2017	\$60,000
Ji, Hantao	AWD1004661	Grant	Creation of Magnetized Jet Using a Hollow Ring of Laser Beams	Rice University (DOE- Albuquerque Operations Office)	9/1/2015	8/31/2017	\$52,333
Bakos, Gaspar Aron	AWD1004634	Contract	Confirming and Characterizing Transiting Neptunes and Transiting Planets around M Dwarfs	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	9/8/2015	7/30/2017	\$14,500
Spitkovsky, Anatoly	AWD1004308	Grant	Generation of Collisionless Shocks in Laser - Produced Plasmas	DOE - National Nuclear Security Admin	9/15/2015	9/14/2018	\$209,698
Fisch, Nathaniel J.	AWD1004588	Grant	Studies in Raman Compression	Air Force Office of Scientific Research	9/15/2015	9/14/2020	\$1,200,000

## Astrophysical Sciences (4)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Lupton, Robert Hugh	AWD1004489	Grant	Joint Source Detection, Deblending, and Measurement for WFIRST-AFTA and LSST	NASA Headquarters - Washington	10/1/2015	9/30/2018	\$312,510
Stone, James McLellan	AWD1004548	Grant	Modeling and Probing the Physics of Multiphase Gas Condensation in Hot Halos	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	10/1/2015	9/30/2018	\$340,703
Bhattacharjee, Amitava	AWD1004606	Grant	Dynamics of Magnetic Reconnection and Instabilities of Current Sheets in High-Energy-Density Plasmas	DOE - National Nuclear Security Admin	10/1/2015	9/30/2018	\$370,078
Fisch, Nathaniel J.	AWD1004609	Grant	Fundamental Issues in the Interaction of Intense Lasers with Plasma	DOE - National Nuclear Security Admin	10/1/2015	9/30/2018	\$930,000
Brennan, Dylan Patrick	AWD1004711	Contract	DIII-D National Fusion Program Research and Facility Operations and Advanced Fusion Technology Research and Development	General Atomics (DOE - Chicago)	11/18/2015	10/31/2018	\$285,000
Brennan, Dylan Patrick	AWD1004715	Contract	Stability Analyses of Compact Toroid Compression Experiments	General Fusion Inc.	1/1/2016	12/31/2018	\$156,460
Bakos, Gaspar Aron	AWD1004737	Contract	Confirming and Characterizing Transiting Neptunes and Transiting Planets around M Dwarfs Using Keck/Hires 2016	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	1/4/2016	12/31/2017	\$15,000
Hartman, Joel David	AWD1004740	Contract	Secondary Eclipse Observations of Hot Jupiters with WHIRC	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	1/4/2016	1/1/2018	\$10,800
Spergel, David N.	AWD1004745	Contract	WFIRST Science Investigation Teams and Adjutant Scientists	NASA Goddard Space Flight Center	1/19/2016	4/20/2021	\$865,457
Goulding, Andrew David	AWD1004759	Grant	Probing AGN Feedback on Nuclear and Galaxy-Wide Scales	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	1/21/2016	1/20/2019	\$52,664
Jenkins, Edward Beynon	AWD1004758	Contract	Project AMIGA: Mapping the Circumgalactic Medium of Andromeda	Space Telescope Science Institute (NASA HQ - Washington)	2/1/2016	1/31/2019	\$12,654
Greene, Jenny E.	AWD1004769	Contract	Homogeneous Distances and Central Profiles for MASSIVE Survey Galaxies with Supermassive Black Holes	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2016	2/28/2019	\$39,181
Bowen, David Vernon	AWD1004770	Contract	Damped Lyman-alpha Systems in the Disks of Low-z SDSS Galaxies on Top of QSOs	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2016	4/30/2018	\$47,782
Spergel, David N.	AWD1004818	Contract	Constraining Dark Energy and Modified Gravity with Euclid Part 2	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	3/9/2016	5/31/2018	\$125,373
Greene, Jenny E.	AWD1004803	Contract	The Structures of Dwarf Galaxies Hosting Massive Black Holes	Space Telescope Science Institute (NASA HQ - Washington)	4/1/2016	3/31/2019	\$8,779

## Astrophysical Sciences (5)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Greene, Jenny E.	AWD1004816	Grant	Extended X-ray Emission From a Quasar-driven Superbubble	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	4/5/2016	4/4/2019	\$25,135
Greene, Jenny E.	AWD1004948	Contract	WFIRST-EXPO	University of California at Santa Cruz (NASA Goddard Space Flight Center)	4/19/2016	4/18/2019	\$11,340
Zirnstein, Eric J.	AWD1005179	Grant	Pick-Up Ions and Energetic Neutral Atoms: Implications for the Termination Shock	University of Alabama at Huntsville (NASA HQ - Washington)	5/1/2016	3/31/2019	\$69,883
Burrows, Adam S.	AWD1004890	Contract	Characterizing Extrasolar Planetary Systems with the WFIRST Chronograph	Stanford University (NASA Goddard Space Flight Center)	5/20/2016	4/28/2021	\$622,719
Kunz, Matthew Walter	AWD1004888	Grant	Kinetic Turbulence, Ion Heating, and Plasma Microphysics in the Solar Wind and Numerical Simulations	NASA Headquarters - Washington	6/1/2016	5/31/2019	\$427,883
Fisch, Nathaniel J.	AWD1004933	Grant	Optimizing Current Drive in the Presence of Alpha Particles	DOE - Chicago	6/15/2016	6/14/2019	\$350,000
McComas, David J.	AWD1004920	Contract	Integrated Science Investigation of the Sun	The Johns Hopkins University (NASA HQ - Washington)	7/11/2016	9/30/2018	\$7,035,288
Brennan, Dylan Patrick	AWD1004974	Cooperative Agreement	Simulation Center for Runaway Electron Avoidance and Mitigation	DOE - Washington	7/15/2016	7/14/2018	\$168,942
Winn, Joshua Nathan	AWD1004993	Contract	Stellar Obliquities for Hosts of Warm Jupiters	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	7/21/2016	6/30/2018	\$18,000
Huang, Yi-Min	AWD1004961	Grant	Collaborative Research: The Evolution of Magnetic Skeletons During 3D Reconnection	DOE - Chicago	8/1/2016	7/31/2019	\$119,000
Bhattacharjee, Amitava	AWD1004958	Grant	Magnetic Reconnection in High-Energy-Density Laboratory Plasmas	DOE - Washington	8/15/2016	8/14/2019	\$753,300
Greene, Jenny E.	AWD1004990	Contract	Unveiling the Relationship Between AGN and the CGM: Feeding and Feedback	Space Telescope Science Institute (NASA HQ - Washington)	9/1/2016	8/31/2019	\$223,093
Strauss, Michael Abram	AWD1005022	Grant	Exploring the Dark Universe: Panoramic Imaging and Spectroscopy with the Subaru 8 meter Telescope	NSF - National Science Foundation	9/1/2016	8/31/2021	\$5,544,861
Greene, Jenny E.	AWD1005046	Grant	The Importance of Merging and Changes Over Time in Luminous Quasars Selected by the Wide-field Infrared Survey Explorer Observatory.	NSF - National Science Foundation	9/1/2016	8/31/2019	\$325,820

## Astrophysical Sciences (6)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Winn, Joshua Nathan	AWD1005069	Contract	Toward a Comprehensive View of Planet Formation and Evolution: Probing the Role of Orbital Migration in Explanatory Systems from their Observed Architecture	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	9/1/2016	8/31/2019	\$331,200
Hammett, Gregory Wayne	AWD1005129	Grant	Studies of Plasma Sheath Physics Using Continuum Kinetic Simulations of Plasmas	Virginia Polytechnic Inst & State University (Air Force Office of Scientific Research)	9/1/2016	8/31/2019	\$336,000
Hartman, Joel David	AWD1005061	Contract	Searching for Faint Stellar Companions to Transiting Planet Candidates from HATNet with DSSI/WIYN	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	9/21/2016	9/21/2017	\$11,100
McComas, David J.	AWD1005058	Grant	IBEX - Interstellar Boundary Explorer Extended Mission	NASA Headquarters - Washington	10/1/2016	11/30/2017	\$1,517,900
McComas, David J.	AWD1005059	Grant	The Two Wide-angle Imaging Neutral-atom Spectrometers (TWINS) Mission of Opportunity	NASA Headquarters - Washington	10/21/2016	12/20/2017	\$569,000
Goulding, Andrew David	AWD1005143	Grant	A Homogeneous View of X-ray Halos in Massive Early-type Galaxies	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	11/22/2016	1/10/2019	\$112,590
McComas, David J.	AWD1005101	Contract	Interstellar Boundary Explorer (IBEX- Contract)	NASA Headquarters - Washington	12/1/2016	3/23/2021	\$6,332,157
Jenkins, Edward Beynon	AWD1005103	Contract	Understanding the Sequestration of Krypton Atoms in the Interstellar Medium	Space Telescope Science Institute (NASA HQ - Washington)	12/1/2016	11/30/2019	\$192,898
Jenkins, Edward Beynon	AWD1005262	Contract	Metal Evolution and Transport in the Large Magellanic Cloud (METAL): Probing Dust Evolution in Star Forming Galaxies	Space Telescope Science Institute (NASA HQ - Washington)	12/1/2016	11/30/2019	\$121,046
Bakos, Gaspar Aron	AWD1005087	Grant	Monitoring the Sky with HATPI	Gordon and Betty Moore Foundation	12/2/2016	11/30/2018	\$1,002,152
Strauss, Michael Abram	AWD1005158	Contract	Constraining Dark Energy and Modified Gravity with Euclid	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	12/13/2016	11/30/2018	\$87,500
Bakos, Gaspar Aron	AWD1005080	Grant	Finding and Characterizing a Large and Diverse Population of Transiting Exoplanets with HATSouth in Support of NASA Space Missions	NASA Headquarters - Washington	1/1/2017	12/31/2019	\$613,858
Penev, Kaloyan Minev	AWD1005104	Grant	Unstable Roche-Lobe Overflow of Gaseous Planets	Boise State University (NASA HQ - Washington)	1/1/2017	7/31/2017	\$0
Cantiello, Matteo	AWD1005263	Grant	Time Domain Astrophysics	Research Corporation	1/1/2017	12/31/2018	\$50,000
Gaspari, Massimo	AWD1005160	Grant	The Spectacular Case of a Ram-Pressure Stripped Galaxy Group in the Outskirts of Hydra A/A780	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	1/16/2017	1/15/2019	\$33,960

## Astrophysical Sciences (7)

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Raitses, Yevgeny	AWD1005156	Grant	Developing Methods of Control of Self-Organized Plasma Structures in Devices Relevant to Electric Propulsion	Air Force Office of Scientific Research	2/1/2017	1/31/2020	\$1,095,500
Spergel, David N.	AWD1005168	Contract	Combining CMB (ActPol, Stage IV) and Weak Lensing Data (HSC, Euclid, WFIRST, LSST)	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	2/14/2017	9/24/2018	\$17,500
Ostriker, Eve Charis	AWD1005213	Grant	Resolving Star Formation, Multiphase ISM Structure, and Wind Driving with MHD and RHD Models of Galactic Disks	NASA Headquarters - Washington	2/14/2017	2/13/2020	\$490,061
Hartman, Joel David	AWD1005182	Contract	Follow-up Observations of HATNet Transiting Planet Candidates with WIYN	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	2/24/2017	1/17/2019	\$16,000
Burrows, Adam S.	AWD1005183	Contract	Transits and Eclipses of the Best of the Best: 23 Hot Jupiters for Atmospheric Characterization by Spitzer, Hubble and JWST	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	2/24/2017	3/31/2020	\$10,000
Bowen, David Vernon	AWD1005222	Contract	What is a Galaxy Halo Really Like?	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2017	2/29/2020	\$138,171
Goulding, Andrew David	AWD1005223	Contract	High Spatial Resolution Imaging of AGN-driven Super-bubbles in Two Low-redshift Quasars	Space Telescope Science Institute (NASA HQ - Washington)	3/1/2017	2/29/2020	\$9,490
Greene, Jenny E.	AWD1005267	Contract	The Search for AU-scale Supermassive Black Hole Binaries	Space Telescope Science Institute (NASA HQ - Washington)	4/1/2017	3/31/2020	\$55,628
Stone, James McLellan	AWD1005287	Contract	Performance Evaluation of Detector and Read out System, Subaru Prime Focus Spectrograph	Kavli Institute for Physics & Mathematics	4/1/2017	3/15/2018	\$350,000
Spergel, David N.	AWD1005305	Contract	Optimal Cosmological Inference from Lensing and Redshift Observations, Cosmology Beyond Cosmic Variance	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	5/3/2017	9/30/2018	\$60,000
Spergel, David N.	AWD1005335	Contract	Cosmology with the WFIRST High Latitude Survey	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	5/31/2017	6/24/2018	\$154,659
Kunz, Matthew Walter	AWD1005424	Grant	Instability, Turbulence, and Enhanced Transport in Collisionless Black-Hole Accretion Flows	NASA Headquarters - Washington	6/1/2017	5/31/2020	\$476,248
Hartman, Joel David	AWD1005347	Contract	Follow-up Observations of HATNet Transiting Planet Candidates with WIYN/WHIRC	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	6/29/2017	7/5/2019	\$19,950
Burrows, Adam S.	AWD1005315	Grant	Solutions to the Core-Collapse Supernova Problem from Theory	NSF - National Science Foundation	7/1/2017	6/30/2020	\$405,586
Bowen, David Vernon	AWD1005357	Contract	Photometric Mapping of the Galactic Outflow in NGC 7552	Space Telescope Science Institute (NASA HQ - Washington)	7/1/2017	6/30/2020	\$104,620
Ostriker, Eve Charis	AWD1005323	Grant	Simons Investigator in Astrophysics	The Simons Foundation	8/1/2017	7/31/2022	\$660,000

## Astrophysical Sciences (8)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wang, Zhenyu	AWD1005698	Grant	Collaborative Research: Particle Simulation of Collisionless Magnetic Reconnection Under Finite Guide Field	DOE - Germantown	8/15/2017	8/14/2020	\$35,000
TenBerge, Jason	AWD1005527	Grant	SHINE: A Vlasov-Maxwell Study of Solar Wind Turbulence Heating and Distribution Function Dynamics	NSF - National Science Foundation	8/19/2017	5/31/2019	\$212,003
Zirnstein, Eric J.	AWD1005470	Grant	Understanding Pickup Ion Processes Outside the Heliopause: Modeling and Analysis of the IBEX Ribbon Observables-Princeton	NASA Headquarters - Washington	8/29/2017	8/28/2020	\$531,391
Ostriker, Eve Charis	AWD1005341	Grant	On the Formation and Destruction of Giant Molecular Clouds in Galaxies	NSF - National Science Foundation	9/1/2017	8/31/2020	\$384,707
Stone, James McLellan	AWD1005395	Grant	Collaborative Research: Predicting the Observational Signatures of Accreting Black Holes	NSF - National Science Foundation	9/1/2017	8/31/2020	\$408,418
Greene, Jenny E.	AWD1005407	Grant	Collaborative Research: A Tale of Dwarf Galaxies and Giant Galaxies: Connecting the Smallest and the Largest Galaxies to Their Dark Matter Halos	NSF - National Science Foundation	9/1/2017	8/31/2020	\$253,400
Greene, Jenny E.	AWD1005423	Contract	New Horizons with a IR-Population II Distance Ladder	Space Telescope Science Institute (NASA HQ - Washington)	9/1/2017	8/31/2020	\$121,360
TenBerge, Jason	AWD1005453	Grant	Collaborative Research: Analysis of Wave Mode Content in Fully Turbulent, Moderately Collisional Plasma through Laboratory Experiment and Kinetic Simulation	DOE - Washington	9/1/2017	8/31/2020	\$102,000
Stone, James McLellan	AWD1005459	Grant	Moving Mesh Magnetohydrodynamics: Understanding the Role of Magneto-turbulence in Cosmological Structure Formation and Star Formation	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	9/1/2017	8/31/2019	\$213,377
Ostriker, Eve Charis	AWD1005467	Grant	The Detailed Evolution of Galactic Winds	Space Telescope Science Institute (NASA HQ - Washington)	9/1/2017	8/31/2020	\$120,866
Burrows, Adam S.	AWD1005510	Grant	Towards Exascale Astrophysics of Mergers and Supernovae (Teams)	University of California at Berkeley (DOE - Chicago)	9/1/2017	8/31/2022	\$677,151
Szalay, Jamey Robert	AWD1005666	Grant	Determining the Processes Affecting the Asymmetric Plasma Sheet Structure	Southwest Research Institute (NASA HQ - Washington)	9/1/2017	3/1/2019	\$25,000
Bhattacharjee, Amitava	AWD1005452	Grant	Dynamics of Magnetic Reconnection in High-Energy-Density Plasmas	DOE - National Nuclear Security Admin	9/11/2017	9/10/2019	\$252,000
Spitkovsky, Anatoly	AWD1005500	Grant	Generation of Collisionless Shocks in Laser-Produced Plasmas	DOE - National Nuclear Security Admin	9/11/2017	9/10/2019	\$375,000



## Astrophysical Sciences (9)

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kunz, Matthew Walter	AWD1005288	Grant	Alfred P. Sloan Research Fellowship for Matthew Kunz in Physics	Alfred P. Sloan Foundation	9/15/2017	9/14/2019	\$60,000
Szalay, Jamey Robert	AWD1005481	Grant	16-LDAP16_2-0065:Constraining Impact Ejecta Production at the Moon with LADEE/LDEX Data-Princeton	NASA Headquarters - Washington	9/20/2017	9/19/2020	\$288,534
Melchior, Peter Michael	AWD1005428	Grant	Detecting Super-clusters and Filaments in the Dark Energy Survey	Universities Research Association, Inc.	9/24/2017	9/23/2018	\$9,000
Ji, Hantao	AWD1005465	Grant	Particle Acceleration Due to Magnetically Driven Reconnection Using Laser-powered Capacitor Coils	DOE - National Nuclear Security Admin	10/1/2017	9/30/2019	\$300,000
Fisch, Nathaniel J.	AWD1005610	Grant	Multi-University Center of Excellence for Pulsed Power-Driven High Energy Density Science	Cornell University (DOE - National Nuclear Security Admin)	10/1/2017	9/30/2022	\$997,710
Spergel, David N.	AWD1005498	Contract	Combining CMP (ActPol, Stage IV) and Weak Lensing Data (HSC, Euclid, WFIRST, LSST)	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	10/10/2017	9/24/2018	\$17,500
Jenkins, Edward Beynon	AWD1005541	Contract	Constructing a Phase Diagram for the Interstellar Medium through the Analysis of O I Fine-Structure Excitations	Space Telescope Science Institute (NASA HQ - Washington)	11/1/2017	10/31/2020	\$18,436
Jenkins, Edward Beynon	AWD1005543	Contract	An Archival Study of Atomic Constituents in Four Edge-on Debris Disk Systems	Space Telescope Science Institute (NASA HQ - Washington)	11/1/2017	10/31/2020	\$179,594
Winn, Joshua Nathan	AWD1005580	Grant	Finding the Shortest Period Planning with TESS	Heising-Simons Foundation	11/1/2017	3/31/2020	\$489,106
Dunkley, Joanna	AWD1005602	Contract	Cosmology with High and Low Redshift Universe	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	11/20/2017	9/30/2018	\$25,000
McComas, David J.	AWD1005562	Grant	Interstellar Boundary Explorer Extension Mission	NASA Headquarters - Washington	12/1/2017	11/30/2019	\$3,035,800
McComas, David J.	AWD1005660	Grant	MO & DA of the Advanced Composition Explorer - Extended Phase E	Calif Inst of Technology (NASA HQ - Washington)	12/1/2017	11/30/2022	\$611,300
Dong, Chuanfei	AWD1005699	Grant	Exoplanetary Space Weather, Climate and Habitability: Consequences of Atmospheric Loss	National Center for Atmospheric Research (NASA HQ - Washington)	1/1/2018	12/31/2020	\$322,977
McComas, David J.	AWD1005614	Grant	The Two Wide-angle Imaging Neutral-atom Spectrometers (TWINS)	NASA Headquarters - Washington	1/8/2018	1/7/2020	\$1,176,000
Winn, Joshua Nathan	AWD1005608	Contract	Obliquities of Kepler Planet-Hosting Stars	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	1/23/2018	1/8/2020	\$11,750
Bowen, David Vernon	AWD1005624	Contract	How do Inflows and Outflows from Galaxies Create Their Inner Circumgalactic Medium?	Space Telescope Science Institute (NASA HQ - Washington)	2/1/2018	1/31/2021	\$453,807

**Astrophysical Sciences (10)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jenkins, Edward Beynon	AWD1005625	Contract	First Exploration of a Single Thermal Interface Between the Two Dominant Phases of the Interstellar Medium	Space Telescope Science Institute (NASA HQ - Washington)	2/1/2018	1/31/2021	\$36,251
Goodman, Jeremy J.	AWD1005642	Grant	Protostellar Disk Winds: Confronting Observations with Theory	NASA Headquarters - Washington	3/1/2018	2/28/2021	\$632,345
Hartman, Joel David	AWD1005652	Contract	Follow-up Observations of HATNet Transiting Planet Candidates with WIYN/NESSI	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	3/1/2018	9/30/2019	\$12,000
Winn, Joshua Nathan	AWD1005653	Contract	High Resolution Imaging of Planet Candidates from K2 Campaigns 14-16	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	3/1/2018	9/30/2019	\$9,800
Goulding, Andrew David	AWD1005648	Grant	Can Radio Emission From Luminous Obscured AGN Blow Kpc-scale Ionized Outflows?	Smithsonian Astrophysical Observatory (NASA HQ - Washington)	3/7/2018	3/6/2019	\$31,050
Radice, David	AWD1005656	Grant	Collaborative Research: Petascale Simulations of Binary Neutron Star Mergers	NSF - National Science Foundation	4/1/2018	3/31/2019	\$7,500
Burrows, Adam S.	AWD1005658	Grant	Three-Dimensional Simulations of Core-Collapse Supernovae	NSF - National Science Foundation	4/1/2018	3/31/2019	\$8,100
Stone, James McLellan	AWD1005725	Contract	Characterization of Infrared Detectors, Development of Noise-reduction Code in the Readout System, and Documentation, Subaru Prime Focus Spectrograph	Kavli Institute for Physics & Mathematics	4/1/2018	3/15/2019	\$250,000
Bowen, David Vernon	AWD1005717	Contract	The Baryon Reservoirs in Ultra Diffuse Galaxies (UDGs)	Space Telescope Science Institute (NASA HQ - Washington)	5/1/2018	4/30/2021	\$166,338
Jenkins, Edward Beynon	AWD1005742	Contract	Direct Constraints on the Temperature and Ionization of Low-Redshift O VI Absorbers from Ultra High-Resolution Spectroscopy of H1821+643	Space Telescope Science Institute (NASA HQ - Washington)	5/1/2018	4/30/2021	\$42,106
Greene, Jenny E.	AWD1005782	Contract	Spatially Resolved Rest-UV Spectroscopy of a Prototypical Quasar Driven Superwind at Low-z	Space Telescope Science Institute (NASA HQ - Washington)	6/1/2018	5/31/2021	\$84,002
Jenkins, Edward Beynon	AWD1005802	Contract	What is the Metallicity of the Cool ISM in our own Galaxy?	Space Telescope Science Institute (NASA HQ - Washington)	6/1/2018	5/31/2021	\$77,149
Kunz, Matthew Walter	AWD1005783	Grant	Shock Structure, the Electron-ion Equilibration Timescale and the Disintegrating Cool Core in A2146	Space Telescope Science Institute (NASA HQ - Washington)	6/6/2018	6/5/2020	\$36,097
Armstrong, Robert E.	AWD1005793	Contract	LSST Dark Energy Science Collaboration (DESC)	SLAC National Accelerator Laboratory (DOE - Chicago)	6/25/2018	6/24/2021	\$296,348

**Atmospheric & Oceanic Sciences**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Sarmiento, Jorge Louis	CNV1000439	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2008	6/30/2018	\$20,203,301
Sarmiento, Jorge Louis	AWD1004131	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2013	6/30/2019	\$30,000,000
Sergienko, Olga V.	CNV1002684	Grant	Collaborative Research: Representing Calving and Iceberg Dynamics in Global Climate Models	U.S. DOC - Natl Oceanic & Atmos Admin	9/1/2013	8/31/2018	\$451,000
Sarmiento, Jorge Louis	CNV1003090	Cooperative Agreement	Skillful Predictions of Seasonal Hurricane Frequency, Track and Landfall	U.S. DOC - Natl Oceanic & Atmos Admin	3/1/2014	2/28/2018	\$2,770,179
Legg, Sonya Allayne	CNV1003054	Grant	Collaborative Research: Continuation and Enhancement of MPOWIR	NSF - National Science Foundation	4/1/2014	3/31/2019	\$249,958
Sergienko, Olga V.	AWD1004425	Grant	Collaborative Research: Dynamic Response of the Ross Ice Shelf to Wave-induced Vibrations	University of California at San Diego (NSF - National Science Foundation)	6/1/2014	5/31/2018	\$42,266
Sarmiento, Jorge Louis	CNV1003212	Grant	The Role of Mesoscale Eddies in Cross-Frontal Transport and Subduction of Nutrients and Carbon in the Southern Ocean	NASA Headquarters - Washington	6/26/2014	6/25/2018	\$715,124
Rodgers, Keith B.	AWD1004055	Grant	Synthesis of New Sea Surface pCO <sub>2</sub> Data Products: Evaluation, Comparison, and Implications for the Global Carbon Cycle	NASA Headquarters - Washington	6/28/2014	6/27/2018	\$697,306
Fueglistaler, Stephan Andreas	AWD1004008	Grant	Analysis of Cirrus Clouds and Atmospheric Humidity with Cloud Resolving Numerical Model Calculations	NSF - National Science Foundation	7/1/2014	6/30/2018	\$443,075
Lin, Meiyun	AWD1004158	Grant	Statistics for Stratospheric Influence on Surface GHGs during NASA's North American Field Campaigns: A Study with Aircraft & Satellite Data and High-Resolution Global Models	NASA Goddard Space Flight Center	8/14/2014	8/13/2017	\$101,451
Sarmiento, Jorge Louis	AWD1004094	Cooperative Agreement	Three-Dimensional Structure of the Southern Ocean Overturning Circulation	DOE - Washington	8/15/2014	8/14/2018	\$624,213
Sarmiento, Jorge Louis	AWD1004298	Contract	Towards Reliable Projections of the Response of Fisheries to Future Climates-Phase II	University of British Columbia (The Nippon Foundation)	9/1/2014	8/31/2017	\$553,567
Petrik, Colleen Mary	AWD1004659	Grant	Growth and Dispersal of Early Life History Stages of Arctic Cod and Saffron Cod under Variable Climate Forcing	North Pacific Research Board (U.S. DOC - Natl Oceanic & Atmos Admin)	9/1/2015	1/31/2018	\$11,800
Adcroft, Alistair James	AWD1004529	Grant	Collaborative Research: Energetically Consistent, Resolution Aware, Parameterization of Meso-Scale Eddies	NSF - National Science Foundation	10/1/2015	9/30/2018	\$364,137

**Atmospheric & Oceanic Sciences (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Legg, Sonya Allayne	AWD1004626	Grant	Collaborative Research: Dynamics of the Orkney Passage Outflow	NSF - National Science Foundation	10/1/2015	9/30/2018	\$84,220
Key, Robert Marion	AWD1004754	Grant	Collaborative Research: Understanding the Changing Global Distribution of Radiocarbon: Sampling and Analysis from GO-SHIP and Ships of Opportunity Cruises	NSF - National Science Foundation	2/15/2016	1/31/2021	\$262,530
Balaji, Venkatramani	AWD1004880	Cooperative Agreement	Dream: Distributed Resources for the Earth System Grid Federation Advanced Management	DOE - Washington	3/1/2016	2/28/2019	\$900,000
Rodgers, Keith B.	AWD1005232	Grant	Roses 2016/Carbon Cycle Science - Evaluating Spatiotemporal Scales and Underlying Mechanisms for Emergence of Anthropogenic Trends in the Solubility and Biological Ocean Carbon Pumps	NASA Headquarters - Washington	3/16/2017	3/15/2020	\$572,982
Sarmiento, Jorge Louis	AWD1005306	Grant	Determination of the Relationship between Primary Production and Net Community Production in the Southern Ocean through the use Profiling Floats, Satellite Data, and Ecosystem Models	NASA Headquarters - Washington	3/16/2017	3/15/2020	\$907,349
Lin, Meiyun	AWD1005176	Contract	Characterizing Daily-to-yearly Variability in High-ozone Events from Regional Pollution Versus Stratospheric Intrusion	Clark County Department of Air Quality	4/1/2017	12/1/2018	\$142,605
Fueglistaler, Stephan Andreas	AWD1005319	Grant	Collaborative Research: Using SOCRATES datasets to improve simulations of clouds, aerosols and their climate impacts	NSF - National Science Foundation	6/15/2017	5/31/2020	\$235,667
Held, Isaac M.	AWD1005338	Grant	Global Atmospheric Modeling Hierarchy Development	NSF - National Science Foundation	7/1/2017	6/30/2020	\$368,228
Sarmiento, Jorge Louis	AWD1005377	Contract	Towards Reliable Projections of the Response of Fisheries to Future Climates	University of British Columbia (The Nippon Foundation)	9/1/2017	8/31/2019	\$368,100
Fueglistaler, Stephan Andreas	AWD1005607	Grant	PIRE: International Partnership for Cirrus Studies	University of Chicago (NSF - National Science Foundation)	10/1/2017	9/30/2022	\$730,173
Legg, Sonya Allayne	AWD1005659	Grant	Collaborative Research: Further Continuity and Enhancement of MPOWIR	NSF - National Science Foundation	4/1/2018	3/31/2022	\$105,322

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brooks, Peter P.	CNV1002869	Grant	Ethics of Reading and Cultures of Professionalism	Christian A. Johnson Endeavor Foundation	9/1/2013	12/31/2018	\$50,000
Singer, Peter Albert David	AWD1005194	Grant	The Good Life: A Utilitarian Perspective	Yale University (The John Templeton Foundation)	5/1/2017	6/30/2018	\$20,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Felten, Edward William	AWD1005482	Grant	AI/ML Ethics and Encryption and Surveillance Study Groups	The Ford Foundation	9/1/2017	8/31/2019	\$200,000
Narayanan, Arvind	AWD1005626	Contract	Attribution of Malicious Binaries	Drexel University (Air Force Office of Scientific Research)	9/13/2017	9/12/2018	\$154,912

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Storey, John D.	AWD1004216	Contract	Otsuka Genomic Analysis of Neuroscience Drug Response	Otsuka Pharm Dev & Commercialization	12/1/2014	3/31/2019	\$283,699

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Teiser, Stephen F.	CNV1002951	Grant	Proposal to the Henry Luce Foundation: Dunhuang Art and Manuscripts	The Henry Luce Foundation, Inc.	11/1/2013	12/31/2018	\$250,000
Miller, David W.	AWD1004255	Grant	Princeton University: Advancing the Understanding of the Intersection of Faith & Work	The Kern Family Foundation	11/4/2014	9/1/2018	\$783,657
Wuthnow, Robert J.	AWD1005184	Grant	Making Choice Sacred: Liberal Religion and Reproductive Rights in the United States, 1965 - 1980	The Louisville Institute	1/2/2017	9/30/2018	\$20,325



**Chemical and Biological Engineering**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Nelson, Celeste M.	CNV1000630	Grant	Nelson Packard Fellowship for Science and Engineering	The David and Lucile Packard Foundation	11/1/2008	11/30/2017	\$875,000
Panagiotopoulos, Athanassios Z.	CNV1000836	Grant	Interactions, Phase Equilibria and Self-Assembly in Ionic Systems	DOE - Washington	9/1/2009	11/30/2018	\$1,262,325
Nelson, Celeste M.	CNV1001858	Grant	The Chemistry of Morphogenesis: Quantitative Analysis of Transcription Factor Kinetics During Tissue Development	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2012	5/30/2019	\$75,000
Aksay, Ilhan A.	CNV1002165	Grant	Smart Functional Nanoenergetic Materials	The Pennsylvania State University (Air Force Office of Scientific Research)	11/1/2012	10/31/2018	\$2,375,001
Sundaresan, Sankaran	CNV1002536	Contract	Development of Practical Approaches to Modeling Fluid-Particle Flows	ExxonMobil Global Services Company	8/27/2013	1/31/2018	\$300,000
Link, Aaron James	CNV1002535	Grant	Alfred P. Sloan Research Fellowship for Dr. A. James Link in Chemistry Biosynthesis, Discovery, and Engineering of Lasso Peptides	Alfred P. Sloan Foundation	9/15/2013	9/14/2017	\$50,000
Brangwynne, Clifford Paul	CNV1002544	Grant	CAREER: Non-Equilibrium RNA/Protein Liquids and Intracellular Phase Transitions	NSF - National Science Foundation	9/15/2013	8/31/2018	\$700,000
Priestley, Rodney D.	CNV1003144	Grant	Physical Chemistry of Confined Polymers: Influence of Size and Processing Effect on Morphology and Properties	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2014	6/30/2019	\$75,000
Link, Aaron James	AWD1004050	Grant	Lasso Peptide Discovery	NIH NIGMS	8/1/2014	3/31/2019	\$1,582,050
Register, Richard Alan	CNV1003040	Grant	Melt-Miscible Polyethylene Block Copolymers	NSF - National Science Foundation	8/1/2014	7/31/2020	\$850,000
Koel, Bruce E.	AWD1004064	Grant	Establishing the Role of the Electrode Surface in Solar-Driven Pyridine-Catalyzed CO <sub>2</sub> Reduction	DOE - Washington	8/15/2014	8/14/2020	\$1,215,000
Nelson, Celeste M.	AWD1004088	Grant	Mechanical Regulation of Mesenchyme and Mammalian Lung Development	NIH NHLBI	8/15/2014	4/30/2019	\$1,613,925
Nelson, Celeste M.	AWD1004036	Grant	The Mechanics of Lung Development in Three Different Species	NSF - National Science Foundation	9/1/2014	8/31/2018	\$400,000
Kevrekidis, Yannis George	AWD1004095	Grant	Collaborative Research: A Distributed Approximate Dynamic Programming Approach for Robust Adaptive Control of Multiscale Dynamical Systems	NSF - National Science Foundation	9/1/2014	8/31/2017	\$167,000
Kevrekidis, Yannis George	AWD1004124	Grant	CDS&E: Collaborative Research: Data-Driven Predictive Modeling of Flows Containing Aggregating Particles	NSF - National Science Foundation	9/1/2014	8/31/2017	\$175,000

**Chemical and Biological Engineering (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Panagiotopoulos, Athanassios Z.	CNV1003222	Grant	Collaborative Research: Exploiting Void Symmetries to Control the Self-Assembly of Nanoparticles	NSF - National Science Foundation	9/1/2014	8/31/2018	\$230,000
Prud'homme, Robert Krafft	AWD1004150	Contract	Targeting Nanoparticles for Therapeutic Delivery	GlaxoSmithKline - US	9/7/2014	12/31/2018	\$186,781
Brangwynne, Clifford Paul	CNV1003123	Grant	Alfred P. Sloan-Computational and Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2014	9/14/2018	\$50,000
Priestley, Rodney D.	CNV1003143	Grant	Novel Nanoscale Studies, Processing and Discovery in Glassy Polymers	Alfred P. Sloan Foundation	9/15/2014	9/14/2018	\$50,000
Koel, Bruce E.	AWD1004219	Grant	Fundamental Surface Science of PFCs for Improved Plasma Performance in NSTX-U	DOE - Washington	1/1/2015	12/31/2017	\$656,133
Priestley, Rodney D.	AWD1004227	Grant	PECASE: Characterization of Nanostructured Polymer Films	Air Force Office of Scientific Research	1/1/2015	12/31/2019	\$1,000,000
Brynildsen, Mark Philip	AWD1004282	Grant	Career: Metabolic Engineering to Potentiate Immunity and Discover Novel Antivirulence Therapies	NSF - National Science Foundation	2/1/2015	1/31/2020	\$500,000
Koel, Bruce E.	AWD1004328	Contract	Evaluation of Synthesized Nanoparticles and Nanostructures, and Fundamental Lab-Based Studies of Synthesis Processes	Princeton Plasma Physics Laboratory (DOE - Chicago)	3/3/2015	4/15/2018	\$230,000
Brynildsen, Mark Philip	AWD1004357	Grant	Investigating the Metabolic Mechanisms of Bacterial Persistence	Army Research Office	4/24/2015	11/23/2018	\$390,000
Brynildsen, Mark Philip	AWD1004377	Grant	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	NIH NIAID	5/11/2015	4/30/2018	\$445,500
Koel, Bruce E.	AWD1004378	Grant	SusChEM: Insights into the Surface Chemistry of Water Oxidation on Pure and Modified Hematite Surfaces	NSF - National Science Foundation	6/1/2015	5/31/2018	\$498,223
Nelson, Celeste M.	AWD1004400	Grant	Biophysical and Biochemical Effects of the ECM on Breast Epithelial Cells	NIH NCI	6/1/2015	5/31/2020	\$2,103,345
Kevrekidis, Yannis George	AWD1004482	Grant	Collaborative Research: Unique Binding Geometries: Engineering and Modeling of Sticky Patches on Lipid Nanoparticles for Effective Targeting of Otherwise Untargetable Cells	NSF - National Science Foundation	8/1/2015	7/31/2018	\$225,722
Loo, Yueh Lin	AWD1004477	Grant	EAGER: Structural Development of Organometal Halide Perovskites for Thin-film Photovoltaics	NSF - National Science Foundation	9/1/2015	8/31/2017	\$100,000
Brangwynne, Clifford Paul	AWD1004587	Cooperative Agreement	Optogenetic Droplets: Using Light to Control Nucleoplasmic Phase Separation	NIH NIDA	9/1/2015	8/31/2020	\$1,129,821

**Chemical and Biological Engineering (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Loo, Yueh Lin	AWD1004764	Grant	Electrical Response of MoS2 Transistors under Complex Strains	Oak Ridge Institute for Science & Educ (DOE - Oak Ridge)	9/1/2015	8/31/2017	\$34,000
Kevrekidis, Yannis George	AWD1004589	Grant	EAGER-DynamicData: Collaborative Research: Dynamically Data-driven Morphing of Parsimonious Models for the Description of Transient Dynamics in Complex Systems	NSF - National Science Foundation	9/15/2015	8/31/2017	\$75,000
Loo, Yueh Lin	AWD1004572	Grant	Collaborative Research: Designing Functional Materials with Optimal Learning	NSF - National Science Foundation	1/1/2016	12/31/2018	\$249,999
Nelson, Celeste M.	AWD1004772	Grant	Matrix Stiffness Regulates Multinucleation in Mammary Epithelial Cells	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$50,000
Nelson, Celeste M.	AWD1004882	Grant	Interplay Between Matrix Stiffness, Hypoxia and Integrin-linked Kinase in the Regulation of Breast Cancer Stem Cell Niche	NJ Commission on Cancer Research	1/1/2016	12/31/2018	\$100,000
Brynildsen, Mark Philip	AWD1004742	Grant	High-throughput Quantification of Persister Physiology at the Systems Level	NIH NIAID	2/15/2016	1/31/2019	\$430,166
Elbaum, Shana	AWD1004811	Grant	From Physiological Liquids to Pathological Gels: Regulation of Protein Phase Separation in Neurodegenerative Disease	NIH NINDS	4/1/2016	9/29/2017	\$118,983
Prud'homme, Robert Krafft	AWD1004860	Grant	Flash Nano Precipitation as a Scalable Platform for Drug Development	Bill & Melinda Gates Foundation	5/25/2016	11/30/2018	\$1,490,562
Prud'homme, Robert Krafft	AWD1004863	Grant	Collaborative Research: SuSchEM: Root-Targeted Delivery of Encapsulated Agrochemicals using Natural Microbial Carriers	NSF - National Science Foundation	6/1/2016	5/31/2019	\$111,056
Sundaresan, Sankaran	AWD1004869	Grant	Coupling Tribocharging and Hydrodynamics in Fluidized Beds	NSF - National Science Foundation	7/1/2016	6/30/2019	\$393,037
Brynildsen, Mark Philip	AWD1004905	Grant	Investigating the Metabolic Program of Bacterial Persistence	Charles H. Revson Foundation	7/1/2016	1/1/2019	\$191,660
Brangwynne, Clifford Paul	AWD1004944	Grant	Cytoplasmic Organization by Phase Separations	Univ of No Carolina at Chapel Hill (NIH NIGMS)	7/1/2016	6/30/2018	\$59,522
Prud'homme, Robert Krafft	AWD1004988	Contract	Targeting Nanoparticles for Therapeutic Delivery-Dolutegravir	ViiV Healthcare	8/22/2016	8/21/2018	\$37,841
Panagiotopoulos, Athanassios Z.	AWD1005011	Grant	Leadership Class Scientific and Engineering Computing: Breaking Through the Limits (Blue Waters)	University of Illinois at Chicago (NSF - National Science Foundation)	9/1/2016	8/31/2017	\$50,000
Avalos, Jose L.	AWD1004875	Grant	Alfred P. Sloan Research Fellowship for Dr. J. Avalos in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000

**Chemical and Biological Engineering (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kevrekidis, Yannis George	AWD1005075	Grant	Multiscale Modeling of the Mammalian Circadian Clock: The Role of GABA Signaling	University of Massachusetts (NIH NIBIB)	9/15/2016	6/30/2018	\$260,128
Debenedetti, Pablo Gaston	AWD1004871	Contract	Computational Investigation of Keratin Associated Proteins for Improved Hair Actives	Unilever R&D, Port Sunlight	10/1/2016	9/30/2019	\$332,978
Prud'homme, Robert Krafft	AWD1005205	Contract	Improve Current Ink Formulations or/and Generate a New Ink Formulation	Albert Browne Limited	10/1/2016	6/30/2019	\$105,346
Brangwynne, Clifford Paul	AWD1005029	Contract	HHMI Faculty Scholars Program Award - Clifford Brangwynne	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$900,000
Nelson, Celeste M.	AWD1005030	Contract	Howard Hughes Medical Institute - Celeste M Nelson	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Brangwynne, Clifford Paul	AWD1005049	Cooperative Agreement	Cyborg Computation with Liquid Phases of Cytoplasm	Defense Advanced Research Projects Agency	11/1/2016	1/31/2018	\$478,499
Prud'homme, Robert Krafft	AWD1005079	Contract	Nanoparticle Formulations for Imaging and the Delivery of Biologics	Optimeos Life Sciences, LLSC	12/8/2016	12/8/2018	\$549,427
Nelson, Celeste M.	AWD1005317	Grant	The Regulation of Tumor Dormancy by the Host Microenvironment	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$50,000
Brangwynne, Clifford Paul	AWD1005140	Contract	Collaborative Research Consortium: The Structure and Function of Membrane-less Organelles in Health and Disease	St. Jude's Children Research Hospital	2/1/2017	1/31/2022	\$1,500,000
Kevrekidis, Yannis George	AWD1005228	Grant	The DDDS Design of Programmable Mechanical Metamaterials	Massachusetts Institute of Technology (Air Force Office of Scientific Research)	2/1/2017	1/31/2019	\$34,500
Kevrekidis, Yannis George	AWD1005296	Cooperative Agreement	Multiscale Analysis of Trauma	University of Pennsylvania (NIH NHLBI)	2/1/2017	1/31/2019	\$132,027
Brynildsen, Mark Philip	AWD1005173	Grant	Removing the Death Sentence from Enterohemorrhagic E.Coli Infections	New Jersey Health Foundation, Inc.	3/1/2017	2/28/2018	\$35,000
Brangwynne, Clifford Paul	AWD1005298	Grant	Architecture and Stability of Non-Membranated Organelles Investigated by Novel Cryo-Electron Tomography	U.S.-Israel Binational Science Fdn.	3/1/2017	2/28/2020	\$150,000
Nelson, Celeste M.	AWD1005557	Grant	Airway Remodeling and Redox Signaling in Asthma	New Jersey Health Foundation, Inc.	3/1/2017	12/31/2018	\$35,000
Panagiotopoulos, Athanassios Z.	AWD1005214	Contract	Supramolecular Structures Based on Tunable Building Blocks and Patchiness (SUSTUP)	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$140,000
Brangwynne, Clifford Paul	AWD1005229	Grant	Elucidating Nucleolar Self-organization by Seeding Nuclei with Segregated Nucleolar Sublayers	Human Frontier Science Prog Org (HFSP)	4/1/2017	3/31/2020	\$189,060

**Chemical and Biological Engineering (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Nelson, Celeste M.	AWD1005283	Cooperative Agreement	Engineering Invasive Human Breast Tumors with Integrated Capillaries and Lymphatics	Trustees of Boston University (NIH NCI)	4/1/2017	3/31/2019	\$463,808
Panagiotopoulos, Athanassios Z.	AWD1005285	Cooperative Agreement	2017 NIST Surf-Gaithersburg-Kevin Liu & Sally Jiao	Ntl Inst of Standards and Technology	5/1/2017	9/30/2017	\$13,835
Stone, Howard A.	AWD1005340	Grant	Mechanism of Mitotic Spindle Formation: How are Microtubules Generated to find Kinetochores During Cell Division?	American Heart Association	7/1/2017	6/30/2019	\$53,688
Nelson, Celeste M.	AWD1005386	Grant	Biomechanics of Mesenchymal Remodeling During Lung Development	NIH NHLBI	7/1/2017	6/30/2020	\$173,630
Brynildsen, Mark Philip	AWD1005413	Grant	Examining Flouroquinolone-induced DNA Damage in Persisters and its Contributions to Antibiotic Resistance	NIH NIAID	8/1/2017	7/31/2022	\$1,998,960
Prud'homme, Robert Krafft	AWD1005457	Contract	Princeton-Nevakar Research Program	Nevakar, LLC	8/1/2017	7/31/2018	\$65,508
Avalos, Jose L.	AWD1005476	Grant	Systems and Synthetic Biology of Mitochondria	Pew Scholars Prog in the Biomedical Sci	8/1/2017	7/31/2022	\$300,235
Sundaresan, Sankaran	AWD1005464	Contract	Carbon Capture Simulation for Industry Impact (CCSI2)	Pacific Northwest Ntl Labs (DOE Pacific Northwest Site Office)	8/30/2017	12/31/2017	\$37,866
Sundaresan, Sankaran	AWD1005463	Contract	Computational Modeling of Hydrodynamics and Gas REsidence Time Distribution in Wet Fluidized Beds	Syncrude Canada Ltd.	9/1/2017	8/31/2020	\$344,239
Nelson, Celeste M.	AWD1005735	Grant	Pre & Post Cancer Research - Fellowship 2018	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$100,000
Prud'homme, Robert Krafft	AWD1005792	Contract	Encapsulation Platform for Oral Delivery of Peptide Therapeutics	Optimeos Life Sciences, LLSC	1/1/2018	12/31/2018	\$161,829
Kevrekidis, Yannis George	AWD1005761	Contract	Data-driven Dynamic Optimization of Systems (D-DOS)	United Technologies Research Center (Defense Advanced Research Projects Agency)	3/20/2018	9/19/2019	\$600,000
Panagiotopoulos, Athanassios Z.	AWD1005760	Cooperative Agreement	FY2018 Summer Undergraduate Research Fellowship MatSci/NCNR	Ntl Inst of Standards and Technology	5/1/2018	9/30/2018	\$6,352

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Cava, Robert Joseph	CNV1000008	Grant	New Superconducting Materials	DOE - Chicago	9/1/1998	1/31/2020	\$3,780,414
Rabitz, Herschel Albert	CNV1000102	Grant	Control of Molecular Dynamics: Algorithms for Design and Implementation	DOE - Washington	9/1/2002	10/31/2018	\$2,389,999
MacMillan, David W.C.	CNV1000335	Grant	Merck Center for Catalysis at Princeton University	Merck & Co., Inc.	10/18/2006	10/17/2026	\$10,220,389
Cava, Robert Joseph	CNV1000639	Grant	Johns Hopkins University Institute for Quantum Matter	The Johns Hopkins University (DOE - Boston Regional Office)	9/1/2008	2/28/2019	\$1,715,141
Bocarsly, Andrew Bruce	CNV1000876	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	DOE - Washington	9/1/2009	8/31/2017	\$1,325,000
Chirik, Paul J.	CNV1001544	Grant	Understanding Nitrogen Fixation	DOE - Chicago	7/15/2011	8/14/2019	\$1,430,000
Selloni, Annabella	CNV1001700	Grant	Understanding Surfaces and Interfaces of Photocatalytic Oxide Materials with First Principles Theory and Simulations	DOE - Chicago	11/15/2011	8/31/2019	\$990,000
Groves, John Taylor	CNV1001804	Grant	MERIT: Molecular Probes of the Mechanisms of Cytochrome P450	NIH NIGMS	6/1/2012	3/31/2018	\$1,879,779
Muir, Thomas William	CNV1001872	Grant	Structure, Function and Applications of Inteins	NIH NIGMS	8/1/2012	7/31/2017	\$2,626,250
Sorensen, Erik J.	CNV1001894	Grant	Seeking Efficiency and Innovation in Syntheses of Bioactive Compounds	NIH NIGMS	8/1/2012	7/31/2018	\$1,357,384
Car, Roberto	CNV1002020	Grant	Predictive Computing for Condensed Matter	DOE - Chicago	9/1/2012	8/31/2017	\$749,998
Cava, Robert Joseph	CNV1002062	Grant	The Physics of Surface States with Interactions Mediated by Bulk Properties, Defects and Surface Chemistry	Army Research Office	9/15/2012	6/14/2019	\$6,196,204
Sorensen, Erik J.	CNV1002098	Cooperative Agreement	CCI Center in Selective C-H Functionalization	Emory University (NSF - National Science Foundation)	9/15/2012	8/31/2017	\$546,272
Chirik, Paul J.	CNV1002492	Contract	Base Metal Catalysis for Flavors and Fragrances	Firmenich SA	6/1/2013	8/31/2018	\$406,000
Doyle, Abigail Gutmann	CNV1002493	Grant	Transition Metal Catalysis for the Discovery and Development of Valuable Synthetic Methods	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2013	6/30/2018	\$75,000
Doyle, Abigail Gutmann	CNV1002504	Grant	Metal-Catalyzed Cross Coupling with N,O-Acetals and Acetals	NIH NIGMS	7/1/2013	3/31/2019	\$1,478,850
Fiedler, Dorothea	CNV1002497	Grant	Understanding Phosphate Metabolism in Cancer and Metastasis	Rita Allen Foundation, Inc.	9/1/2013	8/31/2018	\$500,000

## Chemistry (2)

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bocarsly, Andrew Bruce	CNV1002509	Grant	SusChEM: A Mechanistic Approach to Understanding and Lowering the Overpotential for CO2 Reduction to C1 Organic Products	NSF - National Science Foundation	9/15/2013	8/31/2017	\$420,000
Carey, Jannette	CNV1003065	Grant	REU Site: Molecular Biophysics	NSF - National Science Foundation	4/1/2014	12/31/2018	\$599,309
Hecht, Michael H.	AWD1004031	Grant	Toward Artificial Proteomes	NSF - National Science Foundation	7/1/2014	6/30/2019	\$991,483
Seyedsayamdost, Mohammad R.	AWD1004032	Grant	Searching the Cryptic Metabolome for New Therapeutic Molecules	Searle Scholars Program	7/1/2014	6/30/2018	\$300,000
Barstow, Buz Michael	AWD1004075	Grant	Career Award at the Scientific Interface	The Burroughs Wellcome Fund	7/1/2014	6/30/2018	\$146,464
Scholes, Gregory D.	AWD1004354	Grant	Ultrafast Photo-induced Electronic and Nuclear Dynamics of Inorganic Chromophores: Fundamental Science to Applications in Energy Conversion	University of Toronto (Air Force Office of Scientific Research)	7/1/2014	1/31/2018	\$607,918
Seyedsayamdost, Mohammad R.	AWD1004014	Grant	Pew Scholars Program in the Biomedical Sciences	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$255,079
Scholes, Gregory D.	AWD1004245	Grant	Photosynthetic Antenna Research Center (PARC)	Washington University (DOE - Washington)	8/1/2014	7/31/2018	\$480,000
Cava, Robert Joseph	AWD1004093	Grant	Moore Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	8/6/2019	\$1,909,224
Ando, Nozomi	AWD1004105	Grant	Structural Characterizations of Transient and Heterogeneous Protein Complexes	NIH NIGMS	9/1/2014	7/31/2017	\$755,908
MacMillan, David W.C.	AWD1004136	Grant	Photoredox Catalysis in Organic Chemistry	NIH NIGMS	9/15/2014	5/31/2018	\$1,213,256
MacMillan, David W.C.	AWD1004276	Grant	New Activation Modes in Organocatalysis	NIH NIGMS	12/15/2014	11/30/2018	\$1,209,260
Rabitz, Herschel Albert	AWD1004244	Grant	Translational Development of Technologies Towards Improved Models of Quantum Computation, Analysis, Optimization, and Big Data	Massive Dynamics, LLC	12/20/2014	12/31/2017	\$953,913
Knowles, Robert Randolph	AWD1004253	Grant	Proton-Coupled Electron Transfer in Organic Synthesis and Asymmetric Catalysis	NIH NIGMS	1/1/2015	12/31/2019	\$1,366,955
Groves, John Taylor	AWD1004294	Contract	Improving the Scope of Manganese-Porphyrin Catalyzed Direct Halogenation: Enabling the Late-Stage Installation of C-X Bonds	Merck & Co., Inc.	2/2/2015	2/1/2020	\$300,000
Rabitz, Herschel Albert	AWD1004640	Contract	Universal Operating Principle for Optimal Control in the Sciences (OptiSci) over Vast Length and Time Scales	The John Templeton Foundation	6/1/2015	5/31/2018	\$772,715

## Chemistry (3)

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Groves, John Taylor	AWD1004436	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	NSF - National Science Foundation	6/15/2015	5/31/2019	\$800,000
Rabitz, Herschel Albert	AWD1004438	Grant	Altering the Course of Quantum Dynamics Phenomena	NSF - National Science Foundation	6/15/2015	5/31/2018	\$549,000
MacMillan, David W.C.	AWD1004478	Contract	BMS Collaboration	Bristol-Myers Squibb Company	7/1/2015	6/30/2019	\$2,600,000
Muir, Thomas William	AWD1004500	Contract	Merck Nucleosome Collaboration	Merck & Co., Inc.	7/21/2015	7/20/2018	\$657,291
Rabitz, Herschel Albert	AWD1004473	Grant	Equipment for Optimal Dynamic Control of Multiple Quantum Systems	Army Research Office	8/15/2015	8/14/2017	\$357,729
Bocarsly, Andrew Bruce	AWD1004382	Grant	Structure and Dynamics in Heterogeneous Reactions	NSF - National Science Foundation	9/1/2015	8/31/2018	\$555,000
Groves, John Taylor	AWD1004441	Grant	Directing Metalloenzyme Movies	Arnold and Mabel Beckman Foundation	9/1/2015	8/31/2018	\$190,334
Doyle, Abigail Gutmann	AWD1004575	Grant	Electron-Deficient Olefins: New Ligands for Asymmetric Transition Metal Catalysis	NIH NIGMS	9/1/2015	8/31/2018	\$161,102
Muir, Thomas William	AWD1004698	Grant	Oncohistones: Role of Histone H3 Mutations in the Oncogenesis of Pediatric Cancers	Rockefeller University (NIH NIAID)	9/9/2015	8/31/2020	\$2,430,270
Seyedsayamdost, Mohammad R.	AWD1004645	Grant	Implementing Innovative Approaches to Access the Hidden Metabolomes of Bacteria	NIH NIAID	9/30/2015	6/30/2020	\$2,344,925
Yang, Haw	AWD1004643	Contract	The Molecular Optical Deep-Cell Explorer: Beyond Imaging	Gordon and Betty Moore Foundation	10/1/2015	9/30/2018	\$2,338,526
Chirik, Paul J.	AWD1004644	Contract	Redox-Non Innocent Catalysts for Alkene-CO2 Couplings	SABIC Technology Center	10/1/2015	5/31/2018	\$467,238
Rabitz, Herschel Albert	AWD1004678	Grant	Optimal Dynamic Control of Multiple Quantum Systems for Multiplexed Bio-network Analysis and Optogenetics	Army Research Office	12/1/2015	11/30/2020	\$1,200,000
Scholes, Gregory D.	AWD1004851	Contract	Quantum Coherences in Artificial Light-Harvesting Complexes	University of Adelaide (Australian Research Council)	1/1/2016	12/31/2018	\$26,508
Scholes, Gregory D.	AWD1004756	Grant	Bioinspired Solar Energy	Canadian Institute for Advanced Research	2/1/2016	1/31/2018	\$59,000
Rabitz, Herschel Albert	AWD1004757	Grant	Optimal Dynamic Discrimination of Similar Molecules Exploiting OFC Sources	Army Research Office	2/15/2016	2/14/2018	\$990,000
Cava, Robert Joseph	AWD1004881	Grant	MIP: Platform for the Accelerated Realization, Analysis, and Discovery of Interface Materials (Paradim)	Cornell University (NSF - National Science Foundation)	3/1/2016	2/28/2021	\$650,000
Muir, Thomas William	AWD1004762	Grant	Epigenetic Mechanisms of Oncohistone Detoxification	NIH NCI	4/1/2016	3/31/2019	\$168,274



## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Scholes, Gregory D.	AWD1004853	Grant	Charge Transfer Resonance and Coherence in Solar Photochemistry	DOE - Washington	4/1/2016	3/31/2019	\$769,006
Doyle, Abigail Gutmann	AWD1004844	Grant	Methods for Late-Stage Nucleophilic Fluorination and Radiofluorination	NSF - National Science Foundation	5/1/2016	4/30/2019	\$450,000
MacMillan, David W.C.	AWD1004850	Grant	C-H Activation via Synergistic Catalysis	NIH NIGMS	6/1/2016	5/31/2018	\$111,360
Chirik, Paul J.	AWD1004845	Grant	GOALI: SusChEM: An Industrial-Academic Collaboration for High Throughput Discovery of Base Metal Catalysis	NSF - National Science Foundation	7/1/2016	6/30/2019	\$516,000
Knowles, Robert Randolph	AWD1004910	Grant	Development of Novel Catalytic and Enantioselective Reactions of Radical Cations	NIH NIGMS	7/1/2016	5/31/2020	\$1,192,388
Bondar, Denys Ivanovych	AWD1004911	Grant	Operational Dynamical Modelling: Towards Efficient Model-Building and Simulation of Complex Systems	Air Force Office of Scientific Research	7/1/2016	6/30/2019	\$360,000
MacMillan, David W.C.	AWD1004931	Grant	Combining Nickel and Photoredox Catalysis	NIH NIGMS	8/1/2016	5/31/2020	\$1,426,896
Doyle, Abigail Gutmann	AWD1005042	Contract	Celgene Research Agreement	Celgene Corporation	9/13/2016	3/12/2019	\$300,000
Ando, Nozomi	AWD1005009	Grant	Allosteric Motions of B12 Enzymes	NIH NIGMS	9/26/2016	9/25/2018	\$115,284
MacMillan, David W.C.	AWD1005035	Contract	Janssen Hydrogen_Deuterium Exchange Using Photocatalysis	Janssen Research & Development, LLC	9/26/2016	9/25/2017	\$40,000
MacMillan, David W.C.	AWD1005038	Contract	Direct C-H Methylation via Photoredox, Nickel, and HAT Catalysis	Janssen Research & Development, LLC	10/13/2016	11/30/2018	\$250,000
Doyle, Abigail Gutmann	AWD1005039	Contract	Visible Light Promoted Fluorination for Application to PET Imaging	Janssen Research & Development, LLC	10/13/2016	10/12/2018	\$125,000
Carey, Jannette	AWD1005012	Grant	NSF INCLUDES Launch Pilot: STEPs to STEM	NSF - National Science Foundation	11/1/2016	10/31/2018	\$299,998
Kleiner, Ralph Elliot	AWD1005074	Grant	Investigating the Importance of Post-translational Microtubule Modification using Recombinant Acetylated Tubulin	Damon Runyon Cancer Research Foundation	11/18/2016	8/31/2018	\$100,000
Muir, Thomas William	AWD1005084	Grant	Sculpting Chromatin Architecture in Live Cells Using Protein Chemistry	Damon Runyon Cancer Research Foundation	1/1/2017	12/31/2020	\$231,000
Chirik, Paul J.	AWD1005107	Grant	Earth Abundant Catalysts as an Enabling Tool for Organic Synthesis	NIH NIGMS	1/1/2017	12/31/2020	\$1,210,488
Groves, John Taylor	AWD1005280	Contract	Mechanism and Transient Kinetics of Hypervalent Iodine Alkane Oxidation (HIAO)	University of Virginia (DOE - Idaho National Laboratory)	1/27/2017	9/30/2018	\$130,000
Muir, Thomas William	AWD1005161	Grant	Peptide Autoinducers of Staphylococcal Pathogenicity	NIH NIAID	2/8/2017	1/31/2022	\$2,657,117

**Chemistry (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Muir, Thomas William	AWD1005180	Grant	Exploring Second-Tier Post-Translational Modifications in Chromatin Biology: A New Class of Histone Modifications with Undetermined Function	NIH NIGMS	3/1/2017	2/28/2019	\$118,240
Doyle, Abigail Gutmann	AWD1005186	Grant	Visible Light Promoted Fluorination for Application to PET Imaging	NIH NIGMS	3/1/2017	2/28/2019	\$115,732
MacMillan, David W.C.	AWD1005195	Contract	Discovery and Use of Novel Photoredox Transformations to Drug Discovery: Application in Continuous Flow	Eli Lilly and Company	3/8/2017	3/7/2019	\$260,000
Chirik, Paul J.	AWD1005226	Contract	C-H Functionalization with Earth Abundant Metal Catalysts: A New Tool for Drug Discovery	GlaxoSmithKline - US	3/21/2017	3/20/2019	\$40,000
MacMillan, David W.C.	AWD1005210	Grant	Alcohols as Latent Alkylating Agents Using Photoredox Organocatalysis	NIH NIGMS	4/1/2017	3/31/2019	\$115,732
Knowles, Robert Randolph	AWD1005264	Grant	Proton-Coupled Electron Transfer in Organic Synthesis and Asymmetric Catalysis	The Camille and Henry Dreyfus Fdn., Inc.	4/28/2017	4/27/2022	\$75,000
Carey, Jannette	AWD1005256	Grant	REU Training Site: Molecular Biophysics	NSF - National Science Foundation	5/1/2017	4/30/2021	\$588,674
Carrow, Bradley Patrick	AWD1005181	Grant	CAREER: Enabling Sustainable Polymer Synthesis through Design of New Catalysts	NSF - National Science Foundation	6/1/2017	5/31/2022	\$700,000
Selloni, Annabella	AWD1005351	Grant	Electronic Structure Workshop (ES17)	DOE - Washington	6/15/2017	6/14/2018	\$10,000
Seyedsayamdost, Mohammad R.	AWD1005312	Grant	Deciphering the Small Molecule Vocabulary of Human Microbiome Streptococci	The Burroughs Wellcome Fund	7/1/2017	6/30/2022	\$500,000
Muir, Thomas William	AWD1005313	Grant	Defining the Interactome of the Acidic Patch with Chromatin Effectors	Jane Coffin Childs Mem. Fund/Med. Resr.	7/1/2017	6/30/2020	\$163,500
Kleiner, Ralph Elliot	AWD1005318	Grant	Chemical Approaches to Investigate RNA Modifications in Cancer Progression and Therapy	Sidney Kimmel Fdn for Cancer Research	7/1/2017	6/30/2019	\$200,000
Hyster, Todd K.	AWD1005327	Grant	Photon Induced Enzyme Promiscuity	Searle Scholars Program	7/1/2017	6/30/2020	\$300,000
Muir, Thomas William	AWD1005350	Grant	Development and Application of Transpeptidase-Assisted Intein Ligation - A Next-Generation Method of Protein Semisynthesis	Charles H. Revson Foundation	7/1/2017	6/30/2019	\$198,825
Ando, Nozomi	AWD1005387	Grant	Protein Allostery and Catalysis Beyond Bragg Diffraction	NIH NIGMS	8/1/2017	7/1/2018	\$375,357
Chirik, Paul J.	AWD1005396	Contract	STTR Phase II: Novel Polymer-Derived Carbide and Boride Refractory Ceramics	Triton Systems Inc. (Air Force Office of Scientific Research)	8/1/2017	9/18/2019	\$225,000

## Chemistry (6)

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Muir, Thomas William	AWD1005414	Grant	Structure, Function and Applications of Inteins	NIH NIGMS	8/1/2017	7/31/2022	\$2,743,195
Rabitz, Herschel Albert	AWD1005494	Contract	Applicability of HDMR for formulation optimization for Large Molecules	Janssen Research & Development, LLC	8/15/2017	12/14/2018	\$305,500
Sorensen, Erik J.	AWD1005511	Cooperative Agreement	CCI Center in Selective C-H Functionalization	Emory University (NSF - National Science Foundation)	9/1/2017	8/31/2022	\$86,000
MacMillan, David W.C.	AWD1005454	Contract	Substrate-Directed Stereoselective C(sp <sup>3</sup> )-Arylation and Bidirectional Functionalization of Saturated Heterocycles	Pfizer Inc.	9/11/2017	9/10/2018	\$136,283
Chirik, Paul J.	AWD1005539	Grant	Selective CH Activation of Arylfluorides	Amgen, Inc.	11/29/2017	11/28/2018	\$105,498
Doyle, Abigail Gutmann	AWD1005542	Contract	Rational Development of New Ligand Systems for Nickel Catalysis	Pfizer Inc.	11/29/2017	11/28/2018	\$135,000
Muir, Thomas William	AWD1005550	Contract	Chromatin Regulation in Pediatric Cancer	St. Jude's Children Research Hospital	12/1/2017	11/30/2022	\$1,500,000
MacMillan, David W.C.	AWD1005578	Contract	Princeton Chemistry Catalysis Center Funding	AbbVie Inc.	12/1/2017	11/30/2018	\$50,000
MacMillan, David W.C.	AWD1005563	Contract	Genentech, Inc.: Research Collaboration Agreement	Genentech, Inc.	12/18/2017	6/17/2019	\$100,000
Chirik, Paul J.	AWD1005486	Grant	A Unified Strategy for Regio- and Stereoselective, Iron-Catalyzed Cycloaddition Reactions of Unactivated Olefins	NIH NIGMS	1/1/2018	12/31/2020	\$170,094
Scholes, Gregory D.	AWD1005586	Grant	Function from Coherence	Keck Foundation (The W. M.)	1/1/2018	12/31/2020	\$1,000,000
Hecht, Michael H.	AWD1005620	Grant	High-Level Expression of Commercially Valuable Proteins and Peptides by Fusion to Designed Sequences	New Jersey Health Foundation, Inc.	3/1/2018	5/7/2018	\$0
MacMillan, David W.C.	AWD1005639	Grant	Discovery, Invention and Development of New Bond Forming Reactions using Light	Office of Naval Research	3/1/2018	2/28/2021	\$1,050,000
Hecht, Michael H.	AWD1005694	Contract	Insulin Expression and Production by Fusion to Protein Sequences Designed De Novo	New Jersey Health Foundation, Inc.	3/1/2018	2/28/2019	\$94,984
Doyle, Abigail Gutmann	AWD1005649	Grant	New Directions in Ni-Catalyzed Cross Coupling	NIH NIGMS	4/1/2018	3/31/2023	\$1,953,500
Seyedsayamdost, Mohammad R.	AWD1005695	Grant	Total Chemo-Enzymatic Synthesis of Vancomycin and Its Analogs	The Camille and Henry Dreyfus Fdn., Inc.	4/27/2018	4/26/2023	\$75,000
Hyster, Todd K.	AWD1005673	Grant	Development of Flavoproteins as Catalysts for Asymmetric Radical Reactions	NIH NIGMS	5/1/2018	2/28/2023	\$1,541,265

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Knowles, Robert Randolph	AWD1005716	Grant	Enantioselective Catalysis with Radical Intermediates Enabled by Proton-Coupled Electron Transfer	NIH NIGMS	6/1/2018	5/31/2021	\$178,866
MacMillan, David W.C.	AWD1005729	Grant	New Strategies in Metallaphotoredox Catalysis	NIH NIGMS	6/1/2018	5/31/2022	\$1,307,196

**Civil and Environmental Engineering**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Prevost, Jean-Herve	CNV1002850	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	LaFarge Corporation	9/3/2012	9/9/2017	\$257,946
Prevost, Jean-Herve	CNV1002860	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	Ctr Scientifique et Tech du Bâtiment	9/3/2012	9/9/2017	\$171,964
Lin, Ning	CNV1003107	Contract	Hydrodynamic Modeling for Pacific Island-based Defense Installations	Woods Hole Oceanographic Institute (Department of Defense)	9/20/2013	9/19/2018	\$281,501
Glisic, Branko	CNV1003109	Grant	Arrangement of Sensors and Probability of Detection for Sensing Sheets Based on Large-Area Electronics for Reliable Structural Health Monitoring	Rutgers University - New Brunswick (U.S. Department of Transportation)	9/30/2013	1/31/2018	\$188,754
Wood, Eric F.	CNV1002918	Grant	Development of Consistent Global Long-Term Records of Atmospheric Evaporative Demand	NASA Headquarters - Washington	1/1/2014	12/31/2018	\$647,809
Zondlo, Mark Andrew	CNV1003108	Contract	Fast Nitrous Oxide Sensor for Continuous Flux Measurements	Southwest Sciences, Inc. (DOE - Washington)	2/18/2014	4/9/2019	\$1,227,723
Wood, Eric F.	CNV1003235	Grant	Soil Moisture Cal/Val Activities as a SMAP Mission Science Team Member	NASA Headquarters - Washington	4/24/2014	4/23/2019	\$501,450
Wood, Eric F.	AWD1004062	Contract	Forecasting Drought Impacts Months Ahead using Satellite Data	The Australian National University (Australian Research Council)	6/1/2014	5/30/2018	\$0
Glisic, Branko	AWD1004047	Grant	Collaborative Research: Structural Identification & Health Monitoring using Temperature-Driven Data	NSF - National Science Foundation	8/1/2014	7/31/2018	\$119,992
Zondlo, Mark Andrew	AWD1004139	Grant	Distribution of Fugitive Methane Emissions in the Marcellus Shale	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2017	\$598,451
Mauzerall, Denise Leonore	AWD1004141	Grant	Constraining Methane Leakage from Abandoned Oil and Gas Wells	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2019	\$592,220
Wood, Eric F.	AWD1004186	Grant	Understanding the Role of Land-Atmospheric Coupling in Drought Forecast Skill for the 2011 and 2012 US Droughts	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2018	\$317,000
Wood, Eric F.	AWD1004206	Grant	Development of a Global Flood and Drought Catalogue for the 20th and Early 21st Centuries Based on Improved Assessment of the Global Terrestrial Water Cycle and its Extremes	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2018	\$423,615
Wood, Eric F.	AWD1004025	Grant	Understanding Land-Atmosphere Controls on the Spatio-Temporal Evolution of Drought in North America in Current and Future Climates	NASA Headquarters - Washington	9/1/2014	8/31/2017	\$90,000

**Civil and Environmental Engineering (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Peters, Catherine Anne	AWD1004052	Grant	Geochemical Controls on Hazardous Element Mobilization in Shales and Precipitation in Wastewater Treatment	NSF - National Science Foundation	9/1/2014	8/31/2017	\$330,484
Garlock, Maria Eugenia Moreyra	AWD1004060	Grant	Collaborative Research: Advancing the Dissemination of the Creative Art of Structural/Civil Engineering	NSF - National Science Foundation	9/1/2014	8/31/2018	\$498,814
Caylor, Kelly K.	AWD1004110	Grant	Improved Understanding of Tropical Forest Carbon Dynamics using Coupled Models and Remote Sensing of Water Vapor Isotopes	NASA Headquarters - Washington	9/1/2014	8/31/2018	\$90,000
Peters, Catherine Anne	AWD1004180	Grant	Geophysical and Mineralogical Controls on the Rheology of Fracture Slip and Seal Breaching	The Pennsylvania State University (DOE - Pittsburgh NETL)	10/1/2014	9/30/2018	\$382,512
Celia, Michael Anthony	AWD1004190	Grant	Multiscale Modeling of Carbon Dioxide Migration and Trapping in Fractured Reservoirs with Validation by Model Comparison and Real-Site Applications	DOE - Pittsburgh NETL	10/1/2014	9/30/2018	\$600,000
Pan, Ming	AWD1004286	Grant	Deriving Global High Resolution Surface Runoff Fields from Space-borne Altimetry Measurements and Development of Precursor Product from River Gauges	NASA Shared Services Center	12/22/2014	12/21/2018	\$396,261
Jaffe, Peter R.	AWD1004369	Grant	Combined Biological and Electrochemical Treatment of Gaseous NO Emissions and Organic Waste Water from the Coking Process. Phase 1. Feasibility Study	Hebei Huafeng Coking & Power Co., Ltd	3/1/2015	8/31/2017	\$487,550
Zondlo, Mark Andrew	AWD1004483	Grant	Methane Observation Networks with Innovative Technology to Obtain Reductions (MONITOR)	Physical Sciences Inc. (DOE - Washington)	4/24/2015	8/15/2018	\$432,975
Bourg, Ian Charles	AWD1004393	Grant	The Effect of Salinity on Geochemical Processes in Confined Aqueous Fluids	Lawrence Berkeley National Laboratory (DOE - Germantown)	5/8/2015	3/31/2018	\$369,165
Wood, Eric F.	AWD1004411	Grant	FORESEED - Forecasting to Reduce Socio-Economic Effects of Drought	Netherlands Org for Scientific Rsrch	6/1/2015	5/31/2018	\$126,435
Wood, Eric F.	AWD1004552	Grant	Development of Pre-SWOT ESDRs for Global Surface Water Storage Dynamics	University of California at Los Angeles (NASA HQ - Washington)	6/11/2015	6/10/2019	\$731,841
Wood, Eric F.	AWD1004488	Grant	Assessing Phase 2 NMME (NMME-2) Forecasts for Improved Predictions of Drought and Water Management	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2015	7/31/2018	\$69,632

**Civil and Environmental Engineering (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wood, Eric F.	AWD1004502	Grant	Process Orientated Metrics of Land Surface-atmospheric Interactions for Diagnosing Coupled Model Simulations of Land Surface Hydro-meterological Extremes	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2015	7/31/2019	\$439,283
Estes, Lyndon Despard	AWD1004541	Grant	Hazards SEES: Understanding Cross-scale Interactions of Trade and Food Policy to Improve Resilience to Drought Risk in Zambia	NSF - National Science Foundation	8/15/2015	7/31/2019	\$2,519,689
Lin, Ning	AWD1004514	Grant	Hazards SEES: An Integrated Approach to Risk Assessment and Management in Responding to Land Falling Hurricanes in a Changing Climate	NSF - National Science Foundation	9/1/2015	8/31/2019	\$2,734,526
Adriaenssens, Sigrid M.	AWD1004565	Grant	Adaptive Building Skin to Enhance Interior of Buildings	NSF - National Science Foundation	9/1/2015	2/28/2019	\$299,979
Smith, James A.	AWD1004586	Grant	Collaborative Research: Extreme Rainfall in Urban Environments	NSF - National Science Foundation	9/15/2015	8/31/2019	\$283,121
Scherer, George W.	AWD1004688	Contract	Microproportioning with Crushed Sand	Norwegian Univ of Science & Technology (Research Council of Norway)	10/1/2015	9/30/2020	\$24,000
Peters, Catherine Anne	AWD1004713	Grant	Area [3] Targeted Mineral Carbonation to Enhance Wellbore Integrity	University of Virginia (DOE - Pittsburgh NETL)	10/1/2015	12/31/2018	\$199,998
Wood, Eric F.	AWD1004666	Grant	International Symposium on Observations and Modeling of Land Surface Water and Energy Exchanges Across Scales: Learning from the Past and Looking to the Future	NSF - National Science Foundation	1/1/2016	12/31/2017	\$42,240
Zondlo, Mark Andrew	AWD1004872	Contract	STTR Phase I: Compact Laser Hygrometer for In-situ Measurements of Water Vapor from Small Unmanned Vehicles	Physical Sciences Inc. (DOE - Washington)	3/5/2016	3/1/2019	\$531,993
Wood, Eric F.	AWD1004827	Grant	Algorithm Development for SWOT River Discharge Retrievals	NASA Headquarters - Washington	4/4/2016	4/3/2020	\$654,374
Zondlo, Mark Andrew	AWD1004962	Grant	Spatiotemporal Variability of Ammonia through Syntheses of In-situ-, Ground-based, and Remote Sensing Measurements	NASA Headquarters - Washington	8/17/2016	8/16/2019	\$486,268
Smith, James A.	AWD1004903	Grant	Extreme Floods in Arid/Semi-Arid Watersheds: Paired Studies in Israel and the US	NSF - National Science Foundation	9/1/2016	8/31/2019	\$295,967
Wood, Eric F.	AWD1004995	Grant	ECOsysteem Spaceborne Thermal Radiometer Experiment on Space Station (ECOSTRESS)	NASA Langley Research Center	9/1/2016	8/31/2019	\$155,000

**Civil and Environmental Engineering (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Estes, Lyndon Despard	AWD1005294	Contract	Infrared Remote Sensing of Canopy Water During the California Megadrought	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	11/14/2016	9/24/2017	\$8,000
Wood, Eric F.	AWD1005146	Grant	Development of a Latin America and Caribbean Drought Monitor	Army Corps of Engineers	2/1/2017	10/31/2017	\$68,000
Smith, James A.	AWD1005268	Grant	LTER: Dynamic Heterogeneity: Investigating Causes and Consequences of Ecological Change in the Baltimore Urban Ecosystem	Cary Institute of Ecosystem Studies (NSF - National Science Foundation)	3/1/2017	2/28/2019	\$20,000
Zondlo, Mark Andrew	AWD1005201	Contract	Support for Ammonia Eddy Covariance Flux Measurements	Amec Foster Wheeler (U.S. Environmental Protection Agency)	3/9/2017	7/8/2017	\$100,000
Garlock, Maria Eugenia Moreyra	AWD1005300	Grant	Collaborative Research: Shear-Buckling Mechanics for Enhanced Performance of Thin Plates	NSF - National Science Foundation	7/1/2017	6/30/2020	\$366,137
Bou Zeid, Elie R.	AWD1005410	Grant	PREEVENTS Track 2: Collaborative Research: SHADE: Surface Heat Assessment for Developed Environments	NSF - National Science Foundation	8/1/2017	7/31/2020	\$305,763
Lin, Ning	AWD1005119	Grant	CAREER: Understanding and Designing Structures for Hurricane Wind and Surge Hazards under Changing Climate Conditions	NSF - National Science Foundation	9/1/2017	8/31/2022	\$535,587
Zondlo, Mark Andrew	AWD1005447	Grant	Understanding Tropospheric Ammonia through Remote Sensing Measurements	NASA Headquarters - Washington	9/1/2017	8/31/2019	\$90,000
Porporato, Amilcare Michele M.	AWD1005517	Grant	Local and Nonlocal Topographic Controls on Landscape Ecohydrology	NSF - National Science Foundation	9/1/2017	7/31/2018	\$127,665
Zondlo, Mark Andrew	AWD1005506	Contract	US Navy SBIR Phase I: UAV-Compatible Secondary Payload for Meteorological Profiling	Physical Sciences Inc. (Navy - Other)	10/11/2017	11/27/2017	\$12,000
Wood, Eric F.	AWD1005713	Contract	Hazards SEES: Understanding Cross-Scale Interactions of Trade and Food Policy to Improve Resilience to Drought Risk	Clark University (NSF - National Science Foundation)	11/17/2017	7/31/2019	\$76,672
Wood, Eric F.	AWD1005641	Grant	Development of the African (AFDM) and Latin America and Caribbean (LACFDM) Flood and Drought Monitors	Army Corps of Engineers	2/1/2018	10/31/2018	\$72,080
Bourg, Ian Charles	AWD1005584	Grant	Nanoscale Basis of the Permeability of Fine-Grained Sedimentary Rocks	DOE - Washington	2/15/2018	2/14/2021	\$495,054
Bourg, Ian Charles	AWD1005629	Grant	CAREER: Coupled Hydrology and Mechanics of Fine-Grained Soils and Sedimentary Rocks	NSF - National Science Foundation	3/15/2018	2/28/2023	\$400,000
Zondlo, Mark Andrew	AWD1005685	Grant	Tropospheric Ammonia Measurements Onboard the DC8 in FIRE-CHEM	NASA Headquarters - Washington	3/20/2018	3/19/2021	\$750,000



ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Holmes, Brooke A.	CNV1003120	Grant	New Directions Fellowship	The Andrew W. Mellon Foundation	7/1/2014	6/30/2018	\$292,590

**Computer Science**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Peterson, Larry L.	CNV1000203	Cooperative Agreement	Planet Lab Memebership Agreement - Income Account	PlanetLab	9/1/2003	8/31/2020	\$3,480,000
Arora, Sanjeev	CNV1001852	Grant	Simons Investigator Award for Sanjeev Arora	The Simons Foundation	8/1/2012	7/31/2022	\$1,320,000
Freedman, Michael Joseph	CNV1001938	Grant	TC: Large: Collaborative Research: Facilitating Free and Open Access to Information on the Internet	NSF - National Science Foundation	9/1/2012	8/31/2018	\$750,000
Martonosi, Margaret Rose	CNV1002559	Contract	COLUMBIA ESP: Embedded Scalable Platforms for Terascale Energy-Efficient Computing	The Trustees of Columbia University (Defense Advanced Research Projects Agency)	1/4/2013	7/3/2018	\$835,009
Funkhouser, Thomas Allen	CNV1002561	Grant	BIGDATA: SMALL: DA: Semantic Modeling of Cities from Scanned Data	NSF - National Science Foundation	8/1/2013	7/31/2017	\$600,000
Arora, Sanjeev	CNV1002560	Grant	AF: Medium: Towards Provable Bounds for Machine Learning	NSF - National Science Foundation	9/1/2013	8/31/2017	\$900,000
Freedman, Michael Joseph	CNV1002563	Grant	BIGDATA: Small: DCM: JetStream: A Flexible Distributed System for Online and In-Place Data Analysis	NSF - National Science Foundation	9/15/2013	8/31/2018	\$700,000
Braverman, Mark	CNV1002896	Grant	Packard Foundation - Braverman	The David and Lucile Packard Foundation	10/15/2013	10/14/2020	\$875,000
Finkelstein, Adam	CNV1002897	Cooperative Agreement	The Next Generation of Probabilistic Programming: Massive Data, Data Streams, and Model Diagnostics	Defense Advanced Research Projects Agency	10/22/2013	8/21/2018	\$1,820,000
Narayanan, Arvind	AWD1004023	Grant	TWC: Small: Addressing the Challenges of Cryptocurrencies: Security, Anonymity, Stability	NSF - National Science Foundation	7/1/2014	6/30/2018	\$500,000
Appel, Andrew Wilson	CNV1003256	Grant	SHF: Medium: Collaborative Research: Principled Optimizing Compilation of Dependently Typed Languages	NSF - National Science Foundation	7/1/2014	6/30/2018	\$600,000
Rusinkiewicz, Szymon M.	AWD1004041	Grant	RI: Small: Micro GPS: Localization using Visual Landmarks in Commonplace Texture	NSF - National Science Foundation	7/15/2014	6/30/2018	\$499,993
August, David I.	AWD1004033	Grant	XPS: EXPL: CCA: A Framework for Portable Parallel Performance	NSF - National Science Foundation	8/1/2014	7/31/2017	\$300,000
Braverman, Mark	CNV1003125	Grant	Simons 2014 Braverman	The Simons Foundation	8/1/2014	7/31/2021	\$680,000
Arora, Sanjeev	CNV1003126	Grant	Simons 2014 Arora	The Simons Foundation	8/1/2014	7/31/2021	\$849,268
August, David I.	AWD1004101	Grant	SaTC:STARSS: An Architecture for Restoring Trust in Our Personal Computing Systems	NSF - National Science Foundation	9/1/2014	2/28/2019	\$500,000

**Computer Science (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Chazelle, Bernard	AWD1004155	Grant	AF: Small: An Algorithmic Approach to Collective Behavior	NSF - National Science Foundation	9/1/2014	8/31/2017	\$420,000
Rexford, Jennifer L.	AWD1004065	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	NSF - National Science Foundation	10/1/2014	9/30/2018	\$350,000
Feamster, Nicholas G.	AWD1004346	Grant	TC:Large: Collaborative Research:Facilitating Free and Open Access toInformation on the Internet	NSF - National Science Foundation	1/15/2015	8/31/2018	\$1,225,153
Feamster, Nicholas G.	AWD1004316	Grant	CI-New: Collaborative Research: An Open Observatory for the Internet's Last Mile	NSF - National Science Foundation	1/16/2015	6/30/2018	\$372,393
Feamster, Nicholas G.	AWD1004319	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	NSF - National Science Foundation	1/16/2015	9/30/2018	\$500,000
Feamster, Nicholas G.	AWD1004361	Grant	CI-New: Collaborative Research: An Open Platfrom for Internet Routing Experiments	NSF - National Science Foundation	1/16/2015	12/31/2017	\$51,164
Feamster, Nicholas G.	AWD1004525	Grant	NeTS: Small: Collaborative Research: Studying and Improving the Performance of Access Networks.	NSF - National Science Foundation	1/16/2015	9/30/2018	\$271,701
Dvir, Zeev	AWD1004310	Grant	CAREER: New Algebraic Techniques for Line-Point Incidence Problems	NSF - National Science Foundation	3/15/2015	2/29/2020	\$481,354
Arora, Sanjeev	AWD1004421	Grant	AF: Small: Linear Algebra++ and Applications to Machine Learning	NSF - National Science Foundation	6/15/2015	5/31/2019	\$466,000
Narayanan, Arvind	AWD1004545	Grant	TWC: Small: Ending the Web Privacy Arms Race: Threat Detection, Measurement and Response	NSF - National Science Foundation	7/1/2015	6/30/2018	\$500,000
Rexford, Jennifer L.	AWD1004312	Grant	AitF: FULL: Collaborative Research: Compact Data Structures for Traffic Measurement in Software-Defined Networks	NSF - National Science Foundation	9/1/2015	8/31/2019	\$360,000
Gupta, Aarti	AWD1004476	Grant	SHF: Small: Driving Learning for Program Verification	NSF - National Science Foundation	9/1/2015	8/31/2019	\$463,706
Dvir, Zeev	AWD1004511	Grant	AF:Small:New Techniques for Private Information Retrieval and Locally Decodable Codes	NSF - National Science Foundation	9/1/2015	8/31/2019	\$427,093
Braverman, Mark	AWD1004531	Grant	AF: Small: Noise Across Computational Settings	NSF - National Science Foundation	9/1/2015	8/31/2018	\$450,000
Hazan, Elad E.	AWD1004532	Grant	RI: SMALL: Efficient Projection-Free Algorithms for Optimization and Online	NSF - National Science Foundation	9/1/2015	8/31/2018	\$500,000
Martonosi, Margaret Rose	AWD1004537	Grant	XPS: EXPL: CCA: Verification and Optimization Tools for Heterogeneous Memory Consistency Models	NSF - National Science Foundation	9/1/2015	8/31/2019	\$300,000

**Computer Science (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bavier, Andrew Charles	AWD1004570	Grant	CC*DNI DIBBs: Give Your Data the Edge: A Scalable Data Delivery Platform	University of Arizona (NSF - National Science Foundation)	9/1/2015	8/31/2017	\$224,974
Funkhouser, Thomas Allen	AWD1004581	Grant	VEC: Small: Collaborative Research: Scene Understanding from RGB-D Images	NSF - National Science Foundation	9/1/2015	8/31/2019	\$135,000
Feamster, Nicholas G.	AWD1004685	Grant	TWC: TTP Option: Large: Collaborative: Towards a Science of Censorship Resistance	NSF - National Science Foundation	9/1/2015	8/31/2019	\$400,000
Appel, Andrew Wilson	AWD1004700	Grant	Collaborative Research: Expeditions in Computing: The Science of Deep Specification	NSF - National Science Foundation	12/15/2015	11/30/2020	\$3,453,419
Arora, Sanjeev	AWD1004777	Grant	Unsupervised Learning with Provable Guarantees	Office of Naval Research	4/1/2016	3/31/2019	\$430,000
Gupta, Aarti	AWD1004800	Grant	Verification Mentoring Workshop II	NSF - National Science Foundation	4/1/2016	3/31/2018	\$30,600
Feamster, Nicholas G.	AWD1005005	Grant	Detecting Abnormal Activity on the Internet of Things with Real Time Outlier Detection	UC Berkeley Fdn. and Siebel Energy Inst.	4/21/2016	10/31/2017	\$50,000
Zhandry, Mark Landry	AWD1004928	Grant	TWC: Small: Bridging the Gap Between Cutting-Edge Cryptography and Practice	NSF - National Science Foundation	8/1/2016	7/31/2019	\$490,927
Martonosi, Margaret Rose	AWD1004940	Grant	SHF: Small: DeSCPar: Decoupled Supply-Compute Communication Management for Heterogeneous, Accelerator-Oriented Parallelism	NSF - National Science Foundation	8/1/2016	7/31/2019	\$300,000
Rusinkiewicz, Szymon M.	AWD1004927	Grant	CHS: Small: Collaborative Research: Detailed Shape and Reflectance Capture with Light Field Cameras	NSF - National Science Foundation	9/1/2016	8/31/2019	\$250,000
Raphael, Benjamin J.	AWD1005289	Grant	CAREER: Algorithms for Next-Generation Genomics	NSF - National Science Foundation	9/1/2016	12/31/2018	\$292,101
Raphael, Benjamin J.	AWD1005352	Grant	Computational Characterization of Genetic Heterogeneity	NIH NHGRI	9/1/2016	8/31/2019	\$629,845
Raphael, Benjamin J.	AWD1005138	Grant	Deep Discovery and Clinical Interpretation of Germline and Somatic Cancer Drivers	Washington University (NIH NCI)	9/14/2016	8/31/2021	\$20,000
Engelhardt Martin, Barbara	AWD1004897	Grant	Alfred P. Sloan Research Fellowship for Dr. Barbara Engelhardt in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Raphael, Benjamin J.	AWD1005092	Grant	Pathway and Network Integration of Cancer Genomics and Clinical Data	NIH NCI	9/15/2016	8/31/2021	\$1,687,990
Jamieson, Kyle Andrew	AWD1004953	Grant	NeTS: Small: Continuous Spatial Awareness (CoSA) for Smart and Connected Objects	NSF - National Science Foundation	10/1/2016	9/30/2019	\$400,000

**Computer Science (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Engelhardt Martin, Barbara	AWD1005134	Grant	March of Dimes Prematurity Research Center UChicago-Northwestern-Duke	University of Chicago (March of Dimes- Birth Defects Foundation)	10/1/2016	6/30/2018	\$89,365
Chetty, Marshini	AWD1005157	Grant	TWC SBE: TTP Option: Medium: Collaborative: EPICA: Empowering People to Overcome Information Controls and Attacks	NSF - National Science Foundation	10/14/2016	7/31/2019	\$194,829
Walker, David P.	AWD1005056	Grant	Synthesizing Data Wranglers	Air Force Research Laboratory- Rome (Defense Advanced Research Projects Agency)	11/1/2016	10/31/2018	\$450,002
Feamster, Nicholas G.	AWD1005094	Contract	Securing the Internet of Things with Traffic Analysis and SDN-Based Control Systems	Siemens Corporation, Corporate Tech	11/1/2016	10/31/2017	\$142,000
Engelhardt Martin, Barbara	AWD1005148	Grant	Decoding and Reprogramming the Corticosteroid Transcriptional Regulatory Network	Duke University (NIH NHGRI)	12/1/2016	11/30/2017	\$130,000
Raz, Ran	AWD1005126	Grant	Simons Collaboration on Algorithms and Geometry	The Simons Foundation	1/1/2017	7/31/2021	\$426,781
Chazelle, Bernard	AWD1005139	Grant	New Perspectives on Multiagent Dynamics	Army Research Office	1/17/2017	1/16/2019	\$399,846
Narayanan, Arvind	AWD1005167	Grant	CAREER: Measurement, Analysis, and Novel Application of Blockchains	NSF - National Science Foundation	2/15/2017	1/31/2022	\$585,636
Engelhardt Martin, Barbara	AWD1005303	Grant	Epigenetic Fine-Mapping of Cardiometabolic Disease Loci in the Human Liver	University of Pennsylvania (NIH NHLBI)	4/1/2017	2/28/2019	\$576,502
Rexford, Jennifer L.	AWD1005328	Contract	DARPA Dispersed Computing BAA-16-41 TA2	Vencore Labs, Inc. (Defense Advanced Research Projects Agency)	4/18/2017	4/17/2021	\$2,994,812
Arora, Sanjeev	AWD1005290	Grant	AF: Large: Collaborative Research: Nonconvex methods and models for learning: Toward algorithms with provable and interpretable guarantees	NSF - National Science Foundation	6/1/2017	5/31/2022	\$1,700,000
Funkhouser, Thomas Allen	AWD1005301	Contract	Facebook - Funkhouser	Facebook, Inc.	6/1/2017	6/1/2018	\$254,000
Walker, David P.	AWD1005316	Grant	NeTS: Medium: Collaborative Research: Network Configuration Synthesis: A Path to Practical Deployment	NSF - National Science Foundation	7/1/2017	6/30/2021	\$570,000
Rexford, Jennifer L.	AWD1005326	Grant	NeTS: Medium: From Packets to Insights: Programmable Streaming Analytics for Networks	NSF - National Science Foundation	7/1/2017	6/30/2021	\$1,200,000
Zhandry, Mark Landry	AWD1005501	Contract	New Directions in Mathematical Obfuscation	University of California at Los Angeles (Defense Advanced Research Projects Agency)	7/1/2017	6/30/2019	\$305,000

**Computer Science (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Feamster, Nicholas G.	AWD1005383	Grant	Workshop on Self-Driving Networks	NSF - National Science Foundation	8/1/2017	7/31/2018	\$49,999
Dvir, Zeev	AWD1005251	Grant	Line Point Incidences and Applications	The Simons Foundation	9/1/2017	6/30/2018	\$120,000
Funkhouser, Thomas Allen	AWD1005314	Grant	Collaborative Research: CI-P: ShapeNet: An Information-Rich 3D Model Repository for Graphics, Vision and Robotics Research	NSF - National Science Foundation	9/1/2017	8/31/2018	\$33,000
Weinberg, Seth Matthew	AWD1005336	Grant	AF: Small: Algorithmic Duality-Based Tools for Simple vs. Optimal Mechanism Design and Applications to Cryptocurrency	NSF - National Science Foundation	9/1/2017	8/31/2020	\$466,000
Raz, Ran	AWD1005389	Grant	AF: Small: Lower Bounds for Computational Models, and Relations to Other Topics in Computational Complexity	NSF - National Science Foundation	9/1/2017	8/31/2020	\$450,000
Narayanan, Arvind	AWD1005398	Grant	CHS: Large: Collaborative Research: Pervasive Data Ethics for Computational Research	NSF - National Science Foundation	9/1/2017	8/31/2021	\$423,045
Adams, Ryan P.	AWD1005679	Grant	RI: Small: Parallel Markov Chain Monte Carlo Methods for Scalable Bayesian Inference	NSF - National Science Foundation	9/1/2017	8/31/2019	\$433,499
Lloyd, Wyatt A	AWD1005630	Grant	CAREER: Power and Performance Optimal Distributed Transactions	NSF - National Science Foundation	9/4/2017	1/31/2022	\$541,919
Adams, Ryan P.	AWD1005475	Grant	Ryan Adams Alfred P. Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2017	9/14/2019	\$39,686
Raphael, Benjamin J.	AWD1005535	Grant	The Kinship Risk Score: An Integrative Tool to Prioritize Alcohol and Drug-Addiction Related Genes for Enhanced Risk Prediction	Emory University (NIH NIDA)	9/15/2017	8/31/2022	\$135,000
Beringer, E. Lennart	AWD1005616	Grant	The UniMath Library for Type Theory and Programming Languages	Institute for Advanced Study (Air Force Office of Scientific Research)	9/30/2017	9/29/2018	\$121,609
Martonosi, Margaret Rose	AWD1005455	Grant	CPS: Small: Collaborative Research: Towards Secure, Privacy-Preserving, Verifiable Cyberphysical Systems	NSF - National Science Foundation	10/1/2017	9/30/2020	\$311,447
Engelhardt Martin, Barbara	AWD1005590	Grant	Oak Ridge Institute for Science and Education Post Doc Research Fellowship CHANEY	Oak Ridge Institute for Science & Educ (DOE - Oak Ridge)	10/2/2017	10/1/2019	\$15,000
Lloyd, Wyatt A	AWD1005638	Grant	CSR: NeTS: Medium: Achieving High-Availability in the Face of Rapid Network Evolution in Large Content Providers	NSF - National Science Foundation	11/10/2017	7/31/2021	\$999,712
Raphael, Benjamin J.	AWD1005572	Contract	Evaluation of Algorithms to Detect Cell-free Tumor DNA	HKF Technology	12/29/2017	12/28/2018	\$15,000

**Computer Science (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Arora, Sanjeev	AWD1005632	Contract	Arora - JUMP C-BRIC: Center For Brain-Inspired Computing Enabling Autonomous Intelligence	Purdue University (Semiconductor Research Corporation)	1/1/2018	12/31/2022	\$1,250,000
Rexford, Jennifer L.	AWD1005593	Grant	Enabling Computer and Information Science Research and Education in the Cloud Workshop	NSF - National Science Foundation	1/15/2018	12/31/2018	\$49,999
Kol, Gillat	AWD1005594	Grant	CAREER: Communication, Information, and Interactive Compression	NSF - National Science Foundation	2/1/2018	1/31/2023	\$500,000
Brassil, John	AWD1005611	Contract	Jack Brassil IPA	NSF - National Science Foundation	2/1/2018	10/18/2018	\$264,307
Engelhardt Martin, Barbara	AWD1005627	Grant	CAREER: Recovering Complex Associations from High-Dimensional Genomic Data	NSF - National Science Foundation	2/15/2018	1/31/2023	\$549,999
Martonosi, Margaret Rose	AWD1005628	Grant	Collaborative Research:EPIQC:Enabling Practical-Scale Quantum Computation	NSF - National Science Foundation	3/1/2018	2/28/2023	\$1,000,000
Raphael, Benjamin J.	AWD1005662	Grant	Analysis of Molecular and Cellular Interactions by Combining Network Algorithms and Human Insight	Silicon Valley Community Foundation	3/1/2018	2/28/2019	\$219,807
Engelhardt Martin, Barbara	AWD1005664	Grant	Nonparametric Manifold Learning for Alignment and Imputation in Single Cell RNA-Sequencing Data	Silicon Valley Community Foundation	3/1/2018	2/28/2019	\$165,000
Engelhardt Martin, Barbara	AWD1005667	Grant	Machine Learning Approaches for Integrative Analysis of Cellular Images and Single Cell RNA-Sequencing Data	Silicon Valley Community Foundation	3/1/2018	2/28/2019	\$165,000
Russakovsky, Olga	AWD1005595	Contract	Large-Scale Analysis, Description and Detection of Human Activities in Videos	King Abdullah Univ of Science and Tech	4/1/2018	3/31/2021	\$420,000
Jamieson, Kyle Andrew	AWD1005692	Grant	NeTS: Collaborative Research : Assessing Feasibility of Programming the Ambient	NSF - National Science Foundation	5/1/2018	4/30/2019	\$191,278
Rusinkiewicz, Szymon M.	AWD1005776	Contract	Topology-Independent Attribute Transfer for Goal-Oriented 3D Design	Siemens Corporation, Corporate Tech	6/15/2018	12/31/2018	\$170,000

**East Asian Studies / EAS Program**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Teiser, Stephen F.	CNV1000436	Grant	National Consortium for Teaching About Asia Seminar	Freeman Foundation	9/1/2008	6/30/2019	\$288,045
Elman, Benjamin A.	CNV1001350	Grant	Mellon Distinguished Achievement Award	The Andrew W. Mellon Foundation	7/1/2011	3/31/2018	\$1,503,731



**Ecology & Evolutionary Biology**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dobson, Andrew P.	CNV1001452	Grant	Collaborative Research: Modeling Infectious Diseases:How Much Ecological Complexity Must We Address?	NSF - National Science Foundation	8/1/2011	7/31/2017	\$350,469
Levin, Simon Asher	CNV1002006	Grant	CNH: Social-Ecological Complexity and Adaptation in Marine Systems	NSF - National Science Foundation	9/1/2012	8/31/2018	\$1,498,903
Rubenstein, Daniel Ian	CNV1002138	Grant	CREATIV: Mingle: Sensing the Social Interactions of Animals	University of Illinois at Chicago (NSF - National Science Foundation)	9/1/2012	8/15/2018	\$85,691
Rubenstein, Daniel Ian	CNV1002490	Grant	RNA-guided Genome Rearrangement: Experiments Coupled with Discrete Models	University of South Florida (NIH NIGMS)	9/1/2013	6/30/2018	\$959,193
Metcalf, Charlotte Jessica Eland	CNV1003148	Grant	Models to Support Decision Making for Measles and Rubella Vaccination Planning	The Pennsylvania State University (Bill & Melinda Gates Foundation)	10/18/2013	12/31/2018	\$677,195
Levin, Simon Asher	AWD1004069	Contract	Green Growth based on Marine Resources: Ecological and Socio-Economic Constraints	University of Oslo (NordForsk)	4/1/2014	12/31/2018	\$291,076
Levin, Simon Asher	AWD1004305	Contract	NMFS-Sea Grant Population and Ecosystem Dynamics Graduate Fellowship: Assessing the Impacts of Connectivity on Coral Reef Metacommunity Dynamics in the Coral Triangle	New Jersey Sea Grant Extension Program (U.S. DOC - Natl Oceanic & Atmos Admin)	6/1/2014	5/31/2018	\$96,249
Graham, Andrea Linn	CNV1003115	Grant	RCN: Infectious Disease Evolution Across Scales	NSF - National Science Foundation	7/1/2014	6/30/2019	\$499,916
Couzin, Iain D.	AWD1004090	Grant	IOS: Sensory Networks and Collective Information Processing in Animal Groups	NSF - National Science Foundation	8/1/2014	7/31/2019	\$325,000
Landweber, Laura Faye	AWD1004120	Grant	Molecular Mechanisms and Epigenetic Control of Beneficial Transposons: Lessons from Ciliates	Human Frontier Science Prog Org (HFSP)	8/1/2014	7/31/2018	\$375,000
Levin, Simon Asher	AWD1004044	Grant	Coastal SEES Collaborative Research: Adaptations of Fish and Fishing Communities to Rapid Climate Change	NSF - National Science Foundation	9/1/2014	8/31/2019	\$135,442
Levin, Simon Asher	AWD1004173	Grant	Robustness and Adaptability in Complex Biological Systems	Army Research Office	9/1/2014	7/31/2017	\$360,000
McBride, Carolyn Sarah	AWD1004203	Grant	Genetic Analysis of Mosquito Olfactory Preference for Humans	NIH NIDCD	9/1/2014	8/31/2017	\$738,063
Rubenstein, Daniel Ian	AWD1004208	Grant	Collaborative Research: EAGER: Prototype of an Image-Based Ecological Information System (IBEIS)	NSF - National Science Foundation	9/1/2014	8/31/2018	\$88,928

**Ecology & Evolutionary Biology (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dobson, Andrew P.	AWD1004394	Contract	Quantitative Analysis and Modelling to Support the Achievement of the 2020 Goals for Leprosy	University of Warwick (The Task Force for Global Health)	10/23/2014	4/30/2018	\$278,550
Tarnita, Corina E.	CNV1003117	Grant	Collaborative Research: DEB: Causes and Consequences of Regular Spatial Patterning in Foundation Species: Theoretical Development and Experimental Tests in an African Savanna	NSF - National Science Foundation	11/1/2014	10/31/2018	\$379,998
Pringle, Robert Mitchell	AWD1004387	Grant	Predation, Competition, and Establishment Dynamics within an Insular Adaptive Radiation	NSF - National Science Foundation	5/1/2015	4/30/2019	\$882,925
McBride, Carolyn Sarah	AWD1004492	Grant	Using Evolution to Decode the Genetic and Neural Basis of Preference for Human Odor	Esther A. & Joseph Klingenstein Fund	7/1/2015	6/30/2018	\$225,000
McBride, Carolyn Sarah	AWD1004451	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Preference for Human Odor	The Pew Charitable Trusts	8/1/2015	7/31/2020	\$270,000
Grenfell, Bryan T.	AWD1005102	Contract	Modeling the Risk of Measles Outbreaks and the Effectiveness of Public Health Response Strategies in the United States	Centers for Disease Control & Prevention	8/31/2015	12/31/2018	\$147,000
Rubenstein, Daniel Ian	AWD1004540	Grant	EAGER-NEON: IBEIS: Combining Computer Vision and Mark-Recapture Data for NEON	NSF - National Science Foundation	9/1/2015	8/31/2018	\$50,000
Tarnita, Corina E.	AWD1004364	Grant	Alfred P. Sloan Research Fellowship for Dr. Corina Tarnita in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$50,000
Metcalfe, Charlotte Jessica Eland	AWD1005106	Grant	Assessing the Feasibility of Using Serological Data to Monitor and Guide Immunization Programs in Low Income Countries	The Johns Hopkins University (Bill & Melinda Gates Foundation)	12/1/2015	5/31/2020	\$92,375
McBride, Carolyn Sarah	AWD1004704	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Preference for Human Odor	Peter Gruber Foundation	1/1/2016	12/31/2018	\$75,000
Pringle, Robert Mitchell	AWD1004779	Grant	DISSERTATION RESEARCH: Plant Defenses in African Savannas: Testing the Effects of Induced and Associational Defenses on Plant Phenotype, Fitness and Diversity	NSF - National Science Foundation	6/1/2016	5/31/2018	\$16,380
Dobson, Andrew P.	AWD1004790	Grant	Dissertation Research: Within-host Seasonal Drivers of Pathogen Dynamics in a Fruit Bat Reservoir.	NSF - National Science Foundation	6/1/2016	8/31/2017	\$16,301
Graham, Andrea Linn	AWD1005099	Grant	Characterization of Deer Mouse Disease Space for Sin Nombre Virus	Stanford University (Defense Advanced Research Projects Agency)	6/16/2016	7/14/2019	\$589,842

**Ecology & Evolutionary Biology (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Levin, Simon Asher	AWD1004838	Grant	A New Framework for Ecological Kinetics in Natural Environments	The Simons Foundation	7/1/2016	6/30/2019	\$518,463
McBride, Carolyn Sarah	AWD1004898	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Behavior	Searle Scholars Program	7/1/2016	6/30/2019	\$300,000
Tarnita, Corina E.	AWD1004935	Grant	Using Dictyostelium Discoideum to understand the role of Ecology and Multiple Fitness Tradeoffs in the Evolution of Multicellular	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000
Rubenstein, Daniel Ian	AWD1004814	Grant	Develop Strategies for Reconciling Agricultural Practices with Indigenous Livelihood Patterns in Protected Area Landscapes	Schlumberger Foundation	9/1/2016	8/31/2018	\$80,000
Levin, Simon Asher	AWD1004970	Grant	Conservation Implications of Community-supported Fishery (CSF) Programs: A Multidisciplinary Analysis of Ecological, Economic and Social Outcomes	Society for Conservation Biology	9/1/2016	9/1/2019	\$193,253
Levin, Simon Asher	AWD1004975	Grant	Collaborative Research: The Role of Spatial Interactions in Determining the Distribution of Savanna and Forest	NSF - National Science Foundation	9/1/2016	8/31/2019	\$109,998
Altmann, Jeanne	AWD1005082	Grant	Demography of Sex Differences in Health and Survival	Duke University (NIH NIA)	9/15/2016	4/30/2021	\$608,876
Martinez-Bakker, Micaela E.	AWD1005077	Grant	Hacking Epidemics: Unlocking the Drivers of Transmission Seasonality to Battle Vaccine-Preventable Diseases	NIH Office of the Director	9/19/2016	9/2/2017	\$372,822
Levin, Simon Asher	AWD1005127	Cooperative Agreement	The Statistical Mechanics of Crowds - Tools for Predictive Modeling in the Social Sciences.	University of Pennsylvania (Defense Advanced Research Projects Agency)	10/17/2016	10/16/2018	\$276,785
Rubenstein, Daniel Ian	AWD1005211	Grant	Dissertation Research: Revealing the Spatial Distribution of Risk in Animal Groups	NSF - National Science Foundation	4/1/2017	3/31/2019	\$13,190
Stoddard, Mary Caswell	AWD1005234	Grant	Evolution of Plumage Patterns in a Continental Radiation of Passerines: the Setophaga Warblers (Parulidae)	British Ornithologists' Union	5/1/2017	9/30/2017	\$3,085
Rubenstein, Daniel Ian	AWD1005582	Grant	BEACON: An NSF Center for the Study of Evolution in Action	Michigan State University (NSF - National Science Foundation)	5/1/2017	5/31/2018	\$75,271
Pringle, Robert Mitchell	AWD1005443	Grant	Collaborative Research: IOS: Allometry of Behavior in Spatially Patterned Resource Landscapes	NSF - National Science Foundation	8/15/2017	7/31/2021	\$550,001

**Ecology & Evolutionary Biology (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McBride, Carolyn Sarah	AWD1005712	Grant	Using Natural Variation to Uncover the Genomic Basis of Preference for Human Hosts in the Zika and Dengue Fever Mosquito <i>Aedes Aegypti</i>	Helen Hay Whitney Foundation	4/1/2018	3/31/2021	\$175,500
McBride, Carolyn Sarah	AWD1005840	Grant	The Genomics of the Evolution of Host Preference in Mosquitoes	Masason Foundation	4/1/2018	12/31/2018	\$47,344
vonHoldt, Bridgett Marie	AWD1005714	Grant	Collaborative Research: Physiological and Regulatory Mechanisms of the Attenuation of Maladaptive Plasticity in Highland Deer Mice	NSF - National Science Foundation	5/1/2018	4/30/2021	\$135,081
Riehl, Christina Pauline	AWD1005731	Grant	Mechanisms and Adaptive Consequences of Group Decision-making in a Communally Nesting Bird	NSF - National Science Foundation	6/1/2018	5/31/2021	\$463,587

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kiyotaki, Nobuhiro	CNV1002512	Grant	Financial Intermediation, Crises and Aggregate Economic Activity	NSF - National Science Foundation	8/15/2013	7/31/2017	\$187,284
Pesendorfer, Wolfgang	AWD1004039	Grant	Risk, Ambiguity and Dynamic Choice	NSF - National Science Foundation	8/1/2014	7/31/2018	\$380,526
Evdokimov, Kirill	AWD1004370	Grant	New Econometric Approaches to Models with Unobserved Heterogeneity	NSF - National Science Foundation	4/15/2015	6/30/2018	\$239,964
Currie, Janet Marion	AWD1004601	Grant	The Undergraduate Women in Economics Challenge	National Bureau of Economic Research (Alfred P. Sloan Foundation)	5/1/2015	6/30/2020	\$12,500
Kiyotaki, Nobuhiro	AWD1004804	Contract	Credit and Labour Market Foundations of the Macroeconomy	University of Edinburgh (Economic and Social Research Council)	6/1/2015	5/31/2020	\$23,720
Honore, Bo E.	AWD1004509	Grant	Issues in Estimation of Structural Economic Models	NSF - National Science Foundation	8/1/2015	7/31/2019	\$227,187
Morris, Stephen E.	AWD1004408	Grant	Collaborative Research: Information, Markets and Networks	NSF - National Science Foundation	9/1/2015	8/31/2019	\$216,861
Oberfield, Ezra Danis	AWD1004561	Grant	Substitution and the Skill Premium	Washington Center for Equitable Growth	9/1/2015	2/28/2019	\$25,000
Aguiar, Mark A.	AWD1004684	Grant	Women's Entrepreneurship and Rent Sharing: Can Female Entrepreneurs Help Close the Gender Income Gap?	Ewing Marion Kauffman Foundation	11/13/2015	8/31/2017	\$6,429
Kuziemko, Ilyana	AWD1004806	Grant	Alfred P. Sloan Foundation Research Fellowship	Alfred P. Sloan Foundation	11/15/2015	9/14/2018	\$50,000
Kiyotaki, Nobuhiro	AWD1004915	Grant	Financial Intermediary, Crises and Macroeconomic Policy	NSF - National Science Foundation	7/15/2016	6/30/2019	\$201,690
Mueller, Ulrich K.	AWD1004921	Grant	Three Projects in Econometric Theory	NSF - National Science Foundation	8/1/2016	7/31/2019	\$199,260
Boustan, Leah Platt	AWD1005353	Grant	Cultural Assimilation During the Age of Mass Migration	Russell Sage Foundation	6/1/2017	1/31/2018	\$14,404
Pesendorfer, Wolfgang	AWD1005449	Grant	Ambiguous Random Variables and Menu Effects	NSF - National Science Foundation	8/15/2017	7/31/2020	\$386,370
Kiyotaki, Nobuhiro	AWD1005618	Grant	Macro Financial Modeling Fidelity	University of Chicago (Fidelity Investments)	12/1/2017	11/30/2018	\$32,500
Yariv, Leeat	AWD1005708	Grant	An Experimental Study of Matching Markets with Incomplete Information	Intl Fdn for Res in Experimental Econ	3/30/2018	5/31/2019	\$7,443

**Electrical Engineering**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bhatt, Ravindra N.	CNV1000877	Grant	Design Principles for Quantum Hall States	DOE - Germantown	9/1/2009	8/31/2018	\$4,275,000
Verdu, Sergio	CNV1001243	Cooperative Agreement	Emerging Frontiers of Science of Information	Purdue University (NSF - National Science Foundation)	8/1/2010	1/31/2019	\$3,930,872
Lee, Ruby Bei-Loh	CNV1001965	Grant	CSR:Small: Cloud Security on Demand	NSF - National Science Foundation	9/1/2012	8/31/2017	\$500,000
Tureci, Hakan Engin	CNV1001996	Grant	CAREER: Collective Effects in Cavity Quantum Electrodynamics - From Fundamental Science to Devices	NSF - National Science Foundation	9/1/2012	8/31/2017	\$460,000
Lyon, Stephen Aplin	CNV1002173	Grant	Princeton Quantum Engineering Group	The MITRE Corporation	10/1/2012	9/30/2018	\$23,000
Malik, Sharad	CNV1002190	Grant	Systems On Nanoscale Information fabriCs (SONIC) Center	University of IL at Urbana-Champaign (Microelectronics Advanced Research Corp)	1/15/2013	12/31/2017	\$2,323,333
Malik, Sharad	CNV1002551	Contract	Revised CFAR: The Center for Future Architectures Research (C-FAR)	University of Michigan (Defense Advanced Research Projects Agency)	1/15/2013	12/31/2017	\$3,507,496
Verma, Naveen	CNV1002187	Grant	CAREER: Hardware and Algorithmic Architectures for Analyzing Physically-complex Systems: Embedding Inference Capabilities in Ultra-low-power sensors	NSF - National Science Foundation	3/1/2013	2/28/2019	\$445,734
Jha, Niraj Kumar	CNV1002553	Grant	SHF: Small: Parasitics-aware Exploration of the FinFET SRAM Design Space	NSF - National Science Foundation	9/1/2013	8/31/2017	\$450,000
Poor, H. Vincent	CNV1002557	Grant	Collaborative Research: EARS: Fundamental Limits of Spectrum Sensing	NSF - National Science Foundation	10/1/2013	9/30/2017	\$212,154
Cuff, Paul W.	CNV1002972	Grant	CAREER: Digital Encoding of Information Signals for Security with Limited Resources	NSF - National Science Foundation	2/1/2014	1/31/2019	\$450,000
Poor, H. Vincent	AWD1004016	Grant	CIF: Small:Collaborative Research:Towards Universal Signal Recovery Algorithms	NSF - National Science Foundation	7/1/2014	6/30/2018	\$250,000
Sengupta, Kaushik	AWD1004021	Grant	Multiplexing Techniques for Scalable Wireless Interconnects at sub-THz Frequencies: Circuits-EM-Communication Codesign Approach	NSF - National Science Foundation	8/1/2014	7/31/2018	\$300,000
Chou, Stephen Y.	AWD1004026	Grant	New Scalable Nanomanufacturing Technology: Large-Area Nanoimprint Master Fabrication without Using EBL by Innovative Multi-Set Nanopatterning	NSF - National Science Foundation	8/1/2014	7/31/2019	\$300,000

**Electrical Engineering (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Mittal, Prateek	AWD1004059	Grant	TWC: Medium: Collaborative: Aspire: Leveraging Automated Synthesis Technologies for Enhancing System Security	NSF - National Science Foundation	8/1/2014	7/31/2018	\$400,000
Poor, H. Vincent	AWD1004024	Grant	Collaborative Research: Network Protection under Uncertainty	NSF - National Science Foundation	9/1/2014	8/31/2017	\$140,000
Wentzlaff, David	AWD1004061	Grant	XPS: FULL: CCA: Collaborative Research: CASH: Cost-aware Adaptation of Software and Hardware	NSF - National Science Foundation	9/1/2014	8/31/2018	\$300,000
Mittal, Prateek	AWD1004084	Grant	TWC: Small: Collaborative: Advancing Anonymity Against an AS-level Adversary	NSF - National Science Foundation	9/1/2014	8/31/2017	\$250,000
Wentzlaff, David	AWD1004147	Grant	Looking Beyond the Dark, Rethinking General Purpose Computer Architecture for UAV and Space Processing	Space and Naval Warfare Systems Command	9/4/2014	9/3/2017	\$800,000
Verma, Naveen	AWD1004231	Grant	(YIP) From Sensor Data to High-Value Information: Ultra-Low-Energy Platforms for Deriving Inferences from Complex Embedded Signals	Air Force Office of Scientific Research	9/30/2014	9/29/2017	\$360,000
Rodriguez, Alejandro W.	AWD1004266	Grant	CAREER: Fluctuation-Induced Phenomena in Microstructured Media	NSF - National Science Foundation	2/1/2015	1/31/2020	\$500,000
Wentzlaff, David	AWD1004279	Grant	CAREER: Commonality Exploiting Architectures for Energy Efficiency	NSF - National Science Foundation	2/1/2015	1/31/2020	\$511,176
Poor, H. Vincent	AWD1004314	Grant	WiFiUS: Collaborative Research: Sequential Inference and Learning for Agile Spectrum Use	NSF - National Science Foundation	3/15/2015	2/28/2018	\$135,000
Sengupta, Kaushik	AWD1004362	Grant	Broadband and Spectrally-Efficient mm-Wave Silicon-Based Receivers for Multi-Gb/s Wireless Transmission	Office of Naval Research	4/1/2015	6/30/2018	\$450,000
Cuff, Paul W.	AWD1004392	Grant	Performance-based Security for Encoding of Information Signals	Air Force Office of Scientific Research	5/1/2015	4/30/2018	\$360,000
Verdu, Sergio	AWD1004424	Grant	CIF: Medium: Collaborative Research: Feedback Communication: Models, Designs, and Fundamental Limits	NSF - National Science Foundation	6/1/2015	5/31/2019	\$400,000
Chou, Stephen Y.	AWD1004550	Grant	Subwavelength-Resonant-Grating Mirror and Cavity for Single-Mode, Sub-pm-linewidth, UV (220-240 nm) Laser	Office of Naval Research	6/1/2015	5/31/2018	\$400,000
Wysocki, Gerard	AWD1004440	Grant	Monolithic THz and LWIR QCL Frequency Combs for Threat Detection and Identification	Massachusetts Institute of Technology (Defense Advanced Research Projects Agency)	6/9/2015	11/30/2018	\$650,000

**Electrical Engineering (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kahn, Antoine	AWD1004397	Grant	Gap State Compensation in Organic Semiconductors: The Ultra-low Doping Regime	NSF - National Science Foundation	7/1/2015	6/30/2018	\$400,000
Sengupta, Kaushik	AWD1004528	Grant	Integrated THz Spectroscopy exploiting On-chip Scattering and Device Nonlinearity	NSF - National Science Foundation	8/1/2015	7/31/2019	\$320,000
Verdu, Sergio	AWD1004623	Grant	Adaptive Exploitation of Non-Commutative Multimodal Information Structure	University of IL at Urbana-Champaign (Army Research Office)	8/17/2015	8/16/2018	\$424,105
Poor, H. Vincent	AWD1004625	Grant	EAGER: Renewables: Collaborative Research: Foundations of Prosumer-Centric Grid Energy Management	NSF - National Science Foundation	9/15/2015	8/31/2018	\$100,000
Kung, Sun-Yuan	AWD1004734	Contract	Efficient Privacy-Preserving Machine Learning: Strategies, Implementations and Evaluation	Iowa State University (Defense Advanced Research Projects Agency)	9/28/2015	3/27/2020	\$1,500,000
Lee, Ruby Bei-Loh	AWD1004551	Grant	STARSS: Small: Collaborative: Practical and Scalable Security Verification of Security-Aware Hardware Architectures	NSF - National Science Foundation	10/1/2015	9/30/2018	\$133,333
Kahn, Antoine	AWD1004618	Grant	Organic- Inorganic Metal Halide Perovskite Semiconductors	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2018	\$90,000
Lee, Ruby Bei-Loh	AWD1004656	Contract	STARSS: Small: Collaborative: Practical and Scalable Security Verification of Security-Aware Hardware Architectures	Semiconductor Research Corporation	10/1/2015	9/30/2018	\$66,666
Wysocki, Gerard	AWD1004712	Contract	An Intelligent Multi-Modal CH4 Measurement System (AIMS)	Intl Business Machines Corp. (IBM) (DOE Advanced Res Projects Agency - Energy)	12/14/2015	1/20/2018	\$300,000
Tsui, Daniel Chee	AWD1004846	Contract	Novel Quantum Hall physics in Low Dimensional Electron Systems	Sandia National Laboratories (DOE - Chicago)	1/19/2016	10/1/2018	\$450,000
Mittal, Prateek	AWD1004707	Grant	CAREER: Trustworthy Social Systems Using Network Science	NSF - National Science Foundation	2/1/2016	1/31/2021	\$520,957
Abbe, Emmanuel Auguste	AWD1004738	Grant	Information-Geometric Embeddings for Feature Extraction in Networks	Army Research Office	2/8/2016	12/7/2018	\$310,000
Fleischer, Jason W.	AWD1004768	Contract	Correlation-and Radiometry-InSpired Plenoptic Imaging	Defense Advanced Research Projects Agency	4/8/2016	4/7/2018	\$1,859,225
Lyon, Stephen Aplin	AWD1004861	Contract	Electron Spin Qubits on Superfluid Helium	Sandia National Laboratories (DOE - Chicago)	5/18/2016	9/1/2018	\$319,730
Sengupta, Kaushik	AWD1004822	Grant	Portable Fluorescence-based Bio-Molecular Sensor on CMOS Chip with Integrated Nano-Optics for Massively Multiplexed Assays	NSF - National Science Foundation	7/1/2016	6/30/2019	\$360,000



**Electrical Engineering (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Mittal, Prateek	AWD1004893	Grant	CIF: Small: Collaborative Research: Analytics on Edge-labeled Hypergraphs: Limits to De-anonymization	NSF - National Science Foundation	7/1/2016	6/30/2019	\$250,000
Tureci, Hakan Engin	AWD1004894	Grant	Photon-mediated Interactions in Superconducting Circuits as a New Tool to Study Emergent Phenomena Far from Equilibrium	DOE - Chicago	7/1/2016	6/30/2019	\$535,422
Sengupta, Kaushik	AWD1004856	Grant	DURIP: Universal Chip-scale mm-Wave and THz systems with Programmable Electromagnetic Fields for New Modalities in Sensing, Communication and Computation	Office of Naval Research	7/15/2016	7/14/2017	\$390,953
Mittal, Prateek	AWD1004939	Contract	Machine-Intelligence for Advanced Notification of Threats and Energy-Grid Survivable Situational Awareness (MANTESSA)	Applied Communications Sciences (Defense Advanced Research Projects Agency)	8/1/2016	7/27/2020	\$1,382,475
Poor, H. Vincent	AWD1005018	Grant	Integrated Cognitive Mobile and Social Networking	Arizona State University (Army Research Office)	8/8/2016	8/7/2019	\$306,892
Houck, Andrew Addison	AWD1004950	Grant	Many-Body Quantum Optics and Light-Matter Interactions in Superconducting Circuits	NSF - National Science Foundation	8/15/2016	7/31/2020	\$580,000
Malik, Sharad	AWD1004899	Grant	XPS: FULL: Hardware Software Abstractions: Addressing Specification and Verification Gaps in Accelerator-Oriented Parallelism	NSF - National Science Foundation	9/1/2016	8/31/2020	\$875,000
Ramadge, Peter Jeffrey	AWD1004979	Grant	CRCNS: Collaborative Research: A Common Model of the Functional Architecture of Human Cortex	NSF - National Science Foundation	9/1/2016	8/31/2019	\$307,292
Poor, H. Vincent	AWD1004992	Grant	EAGER: Physical-Layer Security for the Internet of Things	NSF - National Science Foundation	9/1/2016	8/31/2018	\$200,000
Chou, Stephen Y.	AWD1005002	Grant	SNM: 3D Nanomanufacturing by Imprint and Strain Engineering (3D NISE)	The Johns Hopkins University (NSF - National Science Foundation)	9/1/2016	8/31/2020	\$317,500
Rodriguez, Alejandro W.	AWD1005093	Grant	EFRI ACQUIRE: An Integrated Quantum Communication	University of Washington (NSF - National Science Foundation)	9/1/2016	8/31/2020	\$396,375
Sengupta, Kaushik	AWD1005081	Grant	(MURI-2016) Universal Electromagnetic Surface: Exploiting Active Electronics and Active Origami to Generate a Programmable Electromagnetic Response	Calif Inst of Technology (Air Force Office of Scientific Research)	9/30/2016	3/29/2019	\$645,145
Jha, Niraj Kumar	AWD1004941	Grant	CSR: Small: Energy-efficient Embedded Signal-processing Inference Systems	NSF - National Science Foundation	10/1/2016	9/30/2019	\$480,000

**Electrical Engineering (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jha, Niraj Kumar	AWD1004978	Grant	TWC: Small: Physiological Information Leakage: A New Front on Health Information Security	NSF - National Science Foundation	10/1/2016	9/30/2019	\$500,000
Lyon, Stephen Aplin	AWD1005169	Grant	Princeton Quantum Engineering Group	The MITRE Corporation	10/1/2016	9/30/2018	\$15,000
Tureci, Hakan Engin	AWD1004991	Grant	Microlasers as a Platform to Study Fluctuations in Non-Hermitian Dynamical Systems	NSF - National Science Foundation	12/1/2016	11/30/2019	\$300,000
Fleischer, Jason W.	AWD1005225	Contract	Analog Computing with Optical Non-Linearity for Plasma Simulations (ACORN)	BBN Technologies (Defense Advanced Research Projects Agency)	12/1/2016	4/7/2018	\$200,000
Sengupta, Kaushik	AWD1005615	Grant	Reconfigurable mm-Wave Tx Architecture and Antenna Interface with Active Impedance Synthesis in Multi-port Node-conjugated Combiner	University of Texas at Dallas (Semiconductor Research Corporation)	3/1/2017	2/29/2020	\$255,001
Poor, H. Vincent	AWD1005216	Contract	Secure Li-Fi Wireless Communication Systems: From Fundamental Limits to Practical Schemes	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$150,000
Poor, H. Vincent	AWD1005224	Grant	WiFiUS: Collaborative Research: Secure Inference in the Internet of Things	NSF - National Science Foundation	4/1/2017	3/31/2019	\$150,000
Chiang, Mung	AWD1005371	Contract	Dispersed Computing	BAE Systems, Inc. (Defense Advanced Research Projects Agency)	4/19/2017	4/18/2021	\$600,000
Chiang, Mung	AWD1005468	Contract	Dispersed Computing or (DCOMP)	LGS Innovations LLC (Defense Advanced Research Projects Agency)	4/20/2017	4/19/2021	\$400,000
Sengupta, Kaushik	AWD1005247	Grant	Bit-to-THz: Universally Programmable THz Surfaces with Sub-wavelength Field and Response Synthesis	Office of Naval Research	6/1/2017	5/31/2020	\$510,000
Sengupta, Kaushik	AWD1005337	Grant	Collaborative Research: A Microfluidic-CMOS Cross-cut Approach enabling Tri-Modal Biorecognition for Highly Accurate Viral Diagnostics	NSF - National Science Foundation	7/15/2017	6/30/2020	\$225,000
Ramadge, Peter Jeffrey	AWD1005380	Contract	Safe Autonomy	Siemens Corporation	7/15/2017	12/31/2018	\$50,000
Chiang, Mung	AWD1005373	Contract	Deterministic Optimized Communication Services over Heterogeneous Navy Networks	BAE Systems, Inc. (Office of Naval Research)	7/25/2017	2/28/2020	\$330,000
Rand, Barry P.	AWD1005370	Grant	Properties and Applications of Microcrystalline Organic Thin Films	NSF - National Science Foundation	8/1/2017	7/31/2020	\$368,500

**Electrical Engineering (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wentzlaff, David	AWD1005374	Grant	Student Travel Support for the 50th IEEE/ACM Symposium on Microarchitecture (MICRO)	NSF - National Science Foundation	8/1/2017	7/31/2018	\$20,000
Jha, Niraj Kumar	AWD1005403	Contract	Implementing Gateways for Sensors	IP Group Inc.	8/14/2017	8/13/2018	\$250,000
Mittal, Prateek	AWD1005416	Grant	SaTC: CORE: Medium: Collaborative: A Linguistically-Informed Approach for Measuring and Circumventing Internet Censorship	NSF - National Science Foundation	8/15/2017	7/31/2020	\$540,001
Poor, H. Vincent	AWD1005435	Grant	AMPS: Collaborative Research: Analysis of Local Power Grid Properties: from Network Motifs to Tensors	NSF - National Science Foundation	9/1/2017	8/31/2020	\$115,000
Jha, Niraj Kumar	AWD1005436	Grant	SHF: Small: Exploration of the Transistor-level Monolithic 3D SRAM Design Space	NSF - National Science Foundation	9/1/2017	8/31/2020	\$450,000
Rodriguez, Alejandro W.	AWD1005536	Grant	Cornell Center for Materials Research - MRSEC	Cornell University (NSF - National Science Foundation)	9/1/2017	8/31/2023	\$540,000
Poor, H. Vincent	AWD1005589	Grant	Network Science: Social and Cognitive Networks: Data Driven Modeling of Information Propagation in Multilayer and Multiplex Networks	Carnegie Mellon University (Army Research Office)	9/28/2017	9/27/2020	\$180,000
Malik, Sharad	AWD1005784	Contract	Ensembles of Moving Target Defenses for Scalable and Composable Hardware Security	University of Michigan (Defense Advanced Research Projects Agency)	12/12/2017	4/11/2019	\$750,000
Thompson, Jeffrey Douglas	AWD1005591	Grant	(YIP) Scalable Quantum Networks and Devices Using Erbium Ions Integrated with Silicon Nanophotonics	Air Force Office of Scientific Research	1/1/2018	12/31/2020	\$600,000
Malik, Sharad	AWD1005631	Contract	Applications Driving Architectures (ADA) Center	University of Michigan (Semiconductor Research Corporation)	1/1/2018	12/31/2022	\$2,640,000
Fleischer, Jason W.	AWD1005619	Grant	Phase Retrieval and Nonlinear Dynamical Systems	Air Force Office of Scientific Research	3/1/2018	2/28/2021	\$450,000
Mittal, Prateek	AWD1005651	Contract	Securing Domain Validation	Open Technology Fund (Broadcasting Board of Governors)	3/1/2018	2/28/2019	\$300,000
Ramadge, Peter Jeffrey	AWD1005693	Contract	Modeling and Learning Human Agent Behavior for Safe Autonomy	Siemens Corporation	5/1/2018	12/31/2018	\$50,000
Tureci, Hakan Engin	AWD1005752	Grant	Option # 2: Next Generation Quantum-Limited Multi-Mode Lumped Parametric Amplifiers	University of Pittsburgh (Army Research Office)	6/1/2018	5/31/2019	\$98,561
Wentzlaff, David	AWD1005745	Cooperative Agreement	CIFER: Coherent Interconnect and FPGA Enabling Reuse	Defense Advanced Research Projects Agency	6/12/2018	6/11/2020	\$1,815,500

**Electrical Engineering (7)**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wentzlauff, David	AWD1005750	Cooperative Agreement	ORDER: Open-Source Rooted Design Experts with Repute	Defense Advanced Research Projects Agency	6/12/2018	6/11/2020	\$2,795,500
Wentzlauff, David	AWD1005738	Grant	CRI: CI-New: OpenPiton 2: Enabling Open Source Manycore Hardware Research	NSF - National Science Foundation	6/15/2018	5/31/2021	\$500,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Martin, Meredith Anne	AWD1004379	Grant	New Directions Fellowship	The Andrew W. Mellon Foundation	7/1/2015	6/30/2018	\$258,663

**Gender & Sexuality Studies**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Strolovitch, Dara Z.	CNV1003003	Grant	Widening Inequalities and Political Representation for Marginalized Groups	Russell Sage Foundation	11/1/2013	2/28/2019	\$104,870
Strolovitch, Dara Z.	AWD1005114	Grant	Russell Sage Visiting Scholar: Advocacy in Hard Times	Russell Sage Foundation	9/1/2017	6/30/2018	\$96,562

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Simons, Frederik Jozef	CNV1002046	Grant	CAREER: From Robust, Reproducible Geophysical Inference to Geological Interpretation: New Perspectives on the Continental Lithosphere	NSF - National Science Foundation	9/15/2012	8/31/2017	\$499,969
Ward, Bettie	CNV1002164	Grant	Net Community Production and Carbon Export in the Southern Ocean: Measurements and Scaling	NASA Headquarters - Washington	11/16/2012	11/15/2018	\$534,113
Tromp, Jeroen	CNV1002572	Grant	Simulations of Seismic Wave Propagation on Mars	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	5/9/2013	11/29/2020	\$421,517
Maloof, Adam C.	CNV1002919	Grant	Collaborative Research: Quantifying Rate of Neoproterozoic Global Change, Ethiopia	NSF - National Science Foundation	1/1/2014	12/31/2017	\$150,000
Rubin, Allan Mattathias	CNV1002979	Grant	Developing High-resolution Tremor Catalogs to Constrain Numerical Models of Slow Slip	NSF - National Science Foundation	2/15/2014	1/31/2018	\$299,961
Sigman, Daniel Mikhail	CNV1003111	Grant	High-Resolution Assemblage-Specific Records of Diatom-Bound N Isotopes from the Indian Sector of the Antarctic Ocean	NSF - National Science Foundation	5/1/2014	4/30/2019	\$491,850
Ward, Bettie	AWD1004089	Grant	Lagrangian Particle Tracking as a Unifying Framework to Study Variability of Acidification in Coastal Waters	NASA Headquarters - Washington	6/28/2014	6/27/2018	\$490,292
Simons, Frederik Jozef	AWD1004291	Grant	Structure and Evolution of the Martian Crustal Magnetic Field	NASA Headquarters - Washington	7/2/2014	7/1/2018	\$347,811
Schoene, Robert Blair	AWD1004053	Grant	Collaborative Research: EarthScope Geochronology: Graduate Student Training Program	NSF - National Science Foundation	8/1/2014	7/31/2018	\$36,044
Duffy, Thomas S.	AWD1004109	Grant	Perovskite and post-perovskite in the (Mg,Fe) GeO <sub>3</sub> system	NSF - National Science Foundation	8/1/2014	7/31/2018	\$360,000
Onstott, Tullis C.	AWD1004100	Grant	Dimensions: Collaborative Research: Genetic, Phylogenetic, and Functional Microbial Diversity in Permanently Frozen Aquatic Sediments Over Geological Time	NSF - National Science Foundation	8/15/2014	7/31/2019	\$452,071
Maloof, Adam C.	AWD1004126	Grant	Collaborative Research: Toward a Global Timeline of Biological and Ocean Geochemical Change During the Early Cambrian	NSF - National Science Foundation	9/1/2014	8/31/2019	\$1,054,947
Jayakumar, Amal	CNV1003041	Grant	Collaborative Research: Dinitrogen Fixation Rates and Diazotrophic Communities in Contrasting Oxygen Regimes of the Eastern Pacific Ocean	NSF - National Science Foundation	9/1/2014	2/28/2019	\$342,062
Onstott, Tullis C.	AWD1004149	Grant	Collaborative Research: Untangling the Deep Genealogy of Microbial Dark Matter	NSF - National Science Foundation	10/1/2014	9/30/2018	\$398,307

**Geosciences (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Tromp, Jeroen	AWD1004366	Contract	Full Waveform Inversion with Real Surface-and Body-Wave Data	TOTAL E&P Research & Technology USA, LLC	1/1/2015	6/30/2021	\$583,146
Myneni, Satish Chandra Babu	AWD1004281	Grant	Collaborative Research: Highly Reactive Thiol Binding Sites on Bacterial Cell Envelopes and their Influence on Metal Speciation in Aquatic Systems	NSF - National Science Foundation	3/1/2015	2/28/2019	\$120,000
Higgins, John Andrew	AWD1004318	Grant	Ca and Mg Isotopic Indicators in Ancient Carbonates	The Simons Foundation	4/1/2015	3/31/2018	\$230,785
Duffy, Thomas S.	AWD1004406	Grant	Real Time X-ray Diffraction and Imaging of Shock-Compressed Geological Materials	Defense Threat Reduction Agency	5/10/2015	5/9/2019	\$744,404
Myneni, Satish Chandra Babu	AWD1004431	Grant	Collaborative Research: Halocarbon Biogeochemistry in Coastal Wetland Ecosystems - Exploring the Transition from Forested Wetland to Salt Marsh	NSF - National Science Foundation	8/1/2015	7/31/2018	\$89,671
Onstott, Tullis C.	AWD1004435	Grant	Racemization Dating of Subsurface Microorganisms	NSF - National Science Foundation	8/1/2015	7/31/2019	\$293,003
Sigman, Daniel Mikhail	AWD1004557	Grant	Collaborative Research: Identifying the Role of Basin-scale Climate Variability in the Decline of Atlantic Corals	NSF - National Science Foundation	9/1/2015	8/31/2018	\$264,801
Higgins, John Andrew	AWD1004580	Grant	Collaborative Research: Window into the World with 40,000-year Glacial Cycles from Climate Records in Million Year-old Ice from the Allan Hills Blue Ice Area	NSF - National Science Foundation	9/1/2015	8/31/2018	\$576,235
Duffy, Thomas S.	AWD1004371	Grant	Dynamic Compression of Earth and Planetary Materials Using Omega Laser	DOE - National Nuclear Security Admin	9/15/2015	9/14/2017	\$200,001
Tromp, Jeroen	AWD1004660	Grant	Advanced Full Wavefield Seismic Imaging for Analysis, Sensor Concept Development, Analytical and Field Test Evaluations	University of Kansas (Army Research Office)	9/29/2015	9/30/2017	\$374,585
Higgins, John Andrew	AWD1004690	Grant	Illuminating Earth's Past, Present and Future: The International Ocean Discovery Program Science Plan for 2013-2023	The Trustees of Columbia University (NSF - National Science Foundation)	10/1/2015	2/28/2019	\$63,763
Tromp, Jeroen	AWD1004743	Contract	Full-Waveform Inversion of Passive Seismic Data	TOTAL E&P Research & Technology USA, LLC	10/1/2015	12/30/2019	\$733,066
Rubin, Allan Mattathias	AWD1004763	Grant	Collaborative Research: Laboratory and Theoretical Investigations of the Micro-Mechanical Origins of Rate and State Friction on Tectonic Faults	NSF - National Science Foundation	3/1/2016	2/28/2019	\$254,833



**Geosciences (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Simons, Frederik Jozef	AWD1004886	Grant	Collaborative Research: Reproducible Research and Educational Software for Geoscience Data Analysis in Spherical and Planar Geometry	NSF - National Science Foundation	7/1/2016	6/30/2019	\$96,320
Myneni, Satish Chandra Babu	AWD1004932	Grant	Collaborative Research: The Chemistry of Lignin's Photochemical Transformation in the Environment: Implications for Global Carbon Cycling	NSF - National Science Foundation	8/1/2016	7/31/2019	\$330,000
Ward, Bettie	AWD1005189	Grant	Extrapolating Carbon Dynamics of Seasonally Dry Tropical Forests Across Geographic Scales and into Future Climates: Improving Simulation Models with Empirical Observations	University of Notre Dame (DOE - Germantown)	8/1/2016	11/1/2017	\$143,432
Tromp, Jeroen	AWD1005065	Grant	Computational Infrastructure for Geodynamics	University of California at Davis (NSF - National Science Foundation)	8/15/2016	7/31/2021	\$524,867
Duffy, Thomas S.	AWD1004954	Grant	High-Pressure Polymorphism of Two High-Strength Ceramics: Boron Carbide (B4C) and Silicon Carbide (SiC)	DOE - Chicago	9/1/2016	8/31/2018	\$164,227
Maloof, Adam C.	AWD1005120	Contract	Inspire: Search for Records of Hadean Dynamo from Detrital Zircons	Massachusetts Institute of Technology (NSF - National Science Foundation)	9/1/2016	7/31/2019	\$37,123
Schoene, Robert Blair	AWD1005135	Grant	EarthCube Data Infrastructure: Collaborative Proposal: Development of an Integrated Data System for the Geological Field Sciences	University of Kansas (NSF - National Science Foundation)	9/1/2016	8/31/2019	\$38,055
Ward, Bettie	AWD1005163	Contract	Exploring Anammox from the Macro to the Molecular Scale	Harvard University (Gordon and Betty Moore Foundation)	10/17/2016	11/1/2019	\$300,397
Morel, Francois M. M.	AWD1005151	Grant	Post-Doctoral Fellowship	Life Sciences Research Foundation	11/1/2016	10/31/2019	\$180,000
Duffy, Thomas S.	AWD1005096	Grant	In Situ X-ray Diffraction Study of Phase Transitions in Shock-Compressed Minerals	NSF - National Science Foundation	1/1/2017	12/31/2019	\$478,000
Tromp, Jeroen	AWD1005097	Grant	Toward Exascale Global Adjoint Tomography	NSF - National Science Foundation	1/1/2017	12/31/2019	\$547,492
Duffy, Thomas S.	AWD1005130	Grant	Shock Compression of Geological Materials at the Institute for Shock Physics	Washington State University (DOE - National Nuclear Security Admin)	1/1/2017	7/31/2019	\$485,589
Sigman, Daniel Mikhail	AWD1005575	Contract	If, When and How Has the Nitrogen Cycle Changed in the Central GBR Lagoon	Southern Cross University (Australian Research Council)	1/1/2017	12/31/2019	\$28,563

**Geosciences (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Schoene, Robert Blair	AWD1005122	Grant	Collaborative Research: Andean Plutonic Perspectives on Generation, Storage, and Eruption of Rhyolite	NSF - National Science Foundation	1/15/2017	6/30/2019	\$89,977
Irving, Jessica Claire Elizabeth	AWD1005098	Grant	Seismological Probes of Earth's Outer Core	NSF - National Science Foundation	2/1/2017	1/31/2020	\$307,844
Rubin, Allan Mattathias	AWD1005198	Grant	Catalog-Constrained Models of Tremor and Slow Slip	NSF - National Science Foundation	3/15/2017	2/29/2020	\$332,839
Higgins, John Andrew	AWD1005204	Grant	CAREER: What Sets the CO2 Thermostat? Insights from the Global Geochemical Cycles of Ca, Mg, and K	NSF - National Science Foundation	3/15/2017	2/28/2022	\$819,200
Simons, Frederik Jozef	AWD1005215	Contract	Waveform and Tomographic Inversion for Natural and Induced Seismic Events	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$306,710
Malooof, Adam C.	AWD1005307	Grant	How do Carbonates Record Sea Level and Seawater Chemistry?	Evolving Earth Foundation	5/1/2017	5/1/2018	\$3,000
Rubin, Allan Mattathias	AWD1005533	Grant	Electrostatic Precursors to Granular Slip Events	Rutgers University - New Brunswick (NSF - National Science Foundation)	6/1/2017	5/31/2018	\$112,717
Onstott, Tullis C.	AWD1005489	Grant	Transcriptomics and Proteomics of Methanogens under Simulated Subsurface Conditions that Mimic Recurring Slope Lineae on Mars	University of Florida (NASA HQ - Washington)	6/15/2017	6/14/2020	\$242,675
Onstott, Tullis C.	AWD1005484	Grant	The Deep Carbon Observatory Deep Energy Community	University of California at Los Angeles (Alfred P. Sloan Foundation)	7/1/2017	6/30/2019	\$56,000
Schoene, Robert Blair	AWD1005422	Grant	Laboratory Technician Support: Expanding the Capacity for U-Pb Geochronology at Princeton University	NSF - National Science Foundation	8/15/2017	7/31/2022	\$749,050
Sigman, Daniel Mikhail	AWD1005367	Grant	Collaborative Research: Global Ocean Repeat Hydrography, Carbon and Tracer Measurements, 2015-2020	University of California at San Diego (NSF - National Science Foundation)	8/16/2017	2/28/2018	\$7,497
Duffy, Thomas S.	AWD1005432	Grant	Laser-Based Dynamic Compression of High-Pressure and Planetary Materials	DOE - National Nuclear Security Admin	8/16/2017	8/15/2019	\$190,000
Irving, Jessica Claire Elizabeth	AWD1005378	Grant	A Seismic Synthesis Model for the Eastern North American Continent and its Integration with the Western Atlantic Upper Mantle	NSF - National Science Foundation	9/1/2017	8/31/2020	\$444,154

**Geosciences (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Ward, Bettie	AWD1005393	Grant	EAGER: Novel Genome-based Method to Measure Taxon-specific Phytoplankton Growth Rates in Natural Communities	NSF - National Science Foundation	9/1/2017	8/31/2019	\$299,097
Schoene, Robert Blair	AWD1005545	Grant	MRI: Aquisition of a Thermal Ionization Mass Spectrometer for High-Precision Geochronology and Isotope Geology	NSF - National Science Foundation	9/1/2017	8/31/2018	\$522,502
Onstott, Tullis C.	AWD1005462	Grant	Kinetically Activated Subsurface Microbial Sampler (KASMS)	NSF - National Science Foundation	9/15/2017	8/31/2019	\$297,259
Ward, Bettie	AWD1005203	Grant	Collaborative Research: Mechanisms and Controls of Nitrous Oxide Production in the Eastern Tropical North Pacific Ocean	NSF - National Science Foundation	10/1/2017	9/30/2020	\$699,251
Sigman, Daniel Mikhail	AWD1005556	Grant	Collaborative Research: US GEOTRACES PMT: Investigating geochemical tracers of Pacific nitrogen cycle and budget	NSF - National Science Foundation	1/1/2018	12/31/2020	\$361,380
Higgins, John Andrew	AWD1005587	Grant	Exploring Carbonate Records Past and Present with Non-Traditional Isotopes	Agouron Institute	1/1/2018	12/31/2019	\$43,716
Duffy, Thomas S.	AWD1005650	Grant	Crystal Structure and Equation of State of Shock-Compressed Soda-Lime Glass	Office of Naval Research	4/1/2018	3/31/2021	\$762,495
Duffy, Thomas S.	AWD1005790	Grant	Consortium for Materials Properties Research in Earth Sciences (COMPRES) Mineral Elasticity Database	Consortium for Materials (NSF - National Science Foundation)	6/1/2018	5/31/2019	\$25,524

**Graduate School\***

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Mian, Zia	AWD1005249	Grant	Princeton Citizen Scientists Campaign for Education, Mobilization and Engagement on Nuclear Policy Challenges Under the Trump Administration	Ploughshares Fund	3/23/2017	12/29/2017	\$10,000

\*Does not include Graduate School Fellowships

**History**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Darnton, Robert Choate	CNV1000222	Grant	Book Country: Publishing and the Book Trade in Francophone Europe, 1769-1789	The Florence Gould Foundation	1/1/2006	6/30/2018	\$25,000
Shawcross, Clare Teresa	CNV1001875	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	7/1/2012	8/31/2018	\$204,020
Grafton, Anthony Thomas	AWD1004982	Grant	Transforming Graduate Education in the Humanities at Princeton	National Endowment for the Humanities	9/1/2016	12/31/2017	\$25,000
Grafton, Anthony Thomas	AWD1005044	Grant	Education and its Discontents	Charles Koch Foundation	9/1/2016	8/31/2017	\$70,000
Garon, Sheldon Marc	AWD1005125	Grant	When Home Fronts Became Battlegrounds: A Transnational History of Violence Against Civilians in Japan, Germany and Britain in World War II	The Harry Frank Guggenheim Foundation	7/1/2017	8/31/2018	\$45,176
Burnett, David Graham	AWD1005281	Grant	Conjectural Historiography: Art and Attention	The Orphiflamme Foundation	9/1/2017	8/30/2018	\$50,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wailoo, Keith Andrew	AWD1005192	Grant	Doctoral Dissertation Research: The History of Film and Video in Child Psychiatric Research	NSF - National Science Foundation	3/1/2017	2/28/2019	\$12,158

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Gregor, Thomas	CNV1001668	Grant	Controlling Collective Behavior in Eukaryotic Cell Populations	NIH NIGMS	2/1/2012	1/31/2018	\$1,061,636
Murphy, Coleen T.	CNV1001899	Grant	Glenn Center For Quantitative Aging Research at Princeton University	Glenn Foundation for Medical Research	8/1/2012	7/31/2019	\$3,000,000
Rabinowitz, Joshua D.	CNV1001966	Grant	Mechanisms and Consequences of Metabolic Manipulation by Human Cytomegalovirus	NIH NIAID	8/17/2012	7/31/2017	\$2,183,966
Shvartsman, Stanislav Yefimovic	CNV1003091	Grant	Dynamics of Epithelial Morphogenesis	NIH NIGMS	5/1/2014	1/31/2019	\$1,222,902
Murphy, Coleen T.	CNV1003233	Grant	Identifying Genes that Confer Injury-induced Regenerative Ability to Aging Neuronal Axon	NJ Commission on Brain Injury Research	5/30/2014	5/29/2018	\$217,872
Leifer, Andrew Michael	AWD1004003	Grant	Whole Brain Calcium Imaging in Freely Behaving Nematodes	The Simons Foundation	7/1/2014	11/30/2017	\$320,000
Bialek, William	AWD1004017	Grant	Searching for Universality in the State Space of Neural Networks	The Simons Foundation	7/1/2014	6/30/2018	\$340,000
Rabinowitz, Joshua D.	AWD1004013	Grant	Intact Protein as a Cancer Fuel Source	NIH NCI	9/1/2014	8/31/2017	\$129,372
Shaevitz, Joshua William	AWD1004117	Grant	Multiscale Studies of Collective Behavior in a Model Social Bacterium	NSF - National Science Foundation	9/1/2014	8/31/2018	\$720,000
Rabinowitz, Joshua D.	AWD1004121	Grant	Quantitative Analysis of Metabolic Regulation by Integration of Metabolomics, Proteomics, and Fluxomics	DOE - Chicago	9/1/2014	8/31/2017	\$1,149,739
Murphy, Coleen T.	AWD1004161	Grant	Identifying Postsynaptic Regulators of Long-term Memory in <i>Caenorhabditis Elegans</i>	NIH NIA	3/15/2015	3/14/2018	\$167,091
Singh, Mona	AWD1004365	Grant	ABI: Innovation: Computationally Uncovering Dynamic Transcription Factor Interactions within and Across Organisms	NSF - National Science Foundation	4/15/2015	3/31/2019	\$707,468
Andolfatto, Peter	AWD1004374	Grant	Dissecting the Molecular Basis and Assembly of a Complex Morphological Trait	NIH NIGMS	5/1/2015	1/31/2019	\$1,752,683
Troyanskaya, Olga G.	AWD1004455	Grant	Integration and Visualization of Diverse Biological Data	NIH NIGMS	5/1/2015	1/31/2019	\$1,927,712
Storey, John D.	AWD1004542	Grant	Quantitative and Computational Biology Graduate Program	NIH NHGRI	5/1/2015	4/30/2020	\$2,604,225
Shvartsman, Stanislav Yefimovic	AWD1004510	Grant	Data-driven Models of Cell Communication in Embryos	NSF - National Science Foundation	8/1/2015	7/31/2019	\$900,001
Levine, Michael Steven	AWD1004487	Grant	Developing Live Imaging to Visualize Enhancer-promoter Interaction in the Early <i>Drosophila</i> Embryo	Human Frontier Science Prog Org (HFSP)	7/1/2015	6/30/2018	\$160,980

**Lewis-Sigler Institute for Integrative Genomics (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Andolfatto, Peter	AWD1004556	Grant	Parallel Evolution at NA,K-ATPase: A Model System for Understanding Constraints on the Evolution of Novel Protein Functions	NIH NIGMS	9/1/2015	5/31/2019	\$1,265,398
Troyanskaya, Olga G.	AWD1004658	Grant	Methodologies for Tissue- and Cell-Lineage Specific Analysis of Complex Functional Genomic Data	The Simons Foundation	9/1/2015	2/28/2019	\$390,000
Shvartsman, Stanislav Yefimovic	AWD1004681	Grant	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems (EBICS)	Massachusetts Institute of Technology (NSF - National Science Foundation)	9/1/2015	8/31/2020	\$675,000
Shvartsman, Stanislav Yefimovic	AWD1004617	Grant	Activating Mutations in MEK: From Molecules to Morphologies	NIH NIGMS	9/4/2015	8/31/2019	\$1,722,940
Murphy, Coleen T.	AWD1004614	Grant	Molecular Mechanisms Regulating Age-Related Cognitive Decline	NIH NIA	9/15/2015	5/31/2020	\$1,628,271
Murphy, Coleen T.	AWD1004613	Grant	Dissecting the Genetic and Molecular Networks Underlying Longevity and Aging	NIH NIA	9/30/2015	8/31/2018	\$556,546
Murphy, Coleen T.	AWD1004632	Grant	Toward the Tissue-ome: A Map of the C. Elegans Cell-Specific Transcriptome	NIH NIGMS	9/30/2015	7/31/2020	\$4,050,000
Gregor, Thomas	AWD1004669	Cooperative Agreement	Imaging Chromosome Dynamics and Measuring its Impact on Transcriptional Activity	NIH NIDA	9/30/2015	6/30/2020	\$1,850,001
Tilghman, Shirley Marie	AWD1004726	Contract	A Proposal to Support the Rescue of Biomedical Research Initiative	Silicon Valley Community Foundation (The Clear Fund)	11/3/2015	5/2/2018	\$299,112
Shaevitz, Joshua William	AWD1004701	Grant	The Biophysical Mechanism of Pilus-Based Surface Sensing in Pseudomonas Aeruginosa	NIH NIAID	1/1/2016	12/31/2018	\$436,374
Singh, Mona	AWD1004751	Grant	Identification of Cancer Driver Metabolites Through Genomic Approaches	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$50,000
Rabinowitz, Joshua D.	AWD1005089	Contract	Reprogramming of Transcriptional Circuitry to Control Pancreatic Cancer	Translational Genomics Research Inst (Stand up to Cancer)	1/1/2016	12/31/2018	\$943,855
Andolfatto, Peter	AWD1004798	Grant	Characterizing Genomic Patterns of Introgression in Colias Eurytheme and C. Philodice	Society for the Study of Evolution	3/1/2016	2/28/2018	\$2,500
Andolfatto, Peter	AWD1004805	Grant	Variation in Olfaction in Response to Artificial Selection on an Olfactory Stimulus	Society for the Study of Evolution	3/1/2016	2/28/2018	\$2,250
Shvartsman, Stanislav Yefimovic	AWD1005040	Grant	Reading and Writing the Morphogenetic Code	Tufts University (The Paul G Allen Family Foundation)	4/1/2016	3/31/2019	\$231,806



**Lewis-Sigler Institute for Integrative Genomics (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rabinowitz, Joshua D.	AWD1005206	Grant	Establishing the Rutgers Cancer Institute of New Jersey's Revolutionary Awards for Work in Innovative and Critical Areas of Cancer Research	Rutgers University - New Brunswick (Robert Wood Johnson Foundation)	6/15/2016	12/31/2018	\$168,417
Levine, Michael Steven	AWD1004956	Grant	Developmental Patterning of the Anterior Neural Plate in a Simple Chordate	NIH NINDS	6/29/2016	1/31/2018	\$345,024
Singh, Mona	AWD1004916	Grant	Interaction-based Computational Methods for Analyzing Cancer Genomes	NIH NCI	7/1/2016	6/30/2021	\$1,805,280
Dolinski, Kara J.	AWD1004919	Contract	BioGRID: An Open Integrated Resource for Biological Interaction Data	Mount Sinai Hospital (NIH Office of the Director)	7/1/2016	5/31/2021	\$2,139,145
Gregor, Thomas	AWD1005051	Grant	Towards a 4D Understanding of Chromatin Architecture and Transcriptional Regulation	Charles H. Revson Foundation	7/1/2016	10/1/2018	\$191,660
Rabinowitz, Joshua D.	AWD1005144	Grant	The Regulation of Cell Metabolism and Proliferation by mTOR Complex 2	Rutgers University - New Brunswick (NIH NIGMS)	7/1/2016	6/30/2018	\$57,976
Andolfatto, Peter	AWD1005034	Grant	The Evolution of a Co-Opted Gene-Regulatory Network Underlying a Rapidly Evolving Morphological Trait	NIH NIGMS	7/4/2016	4/30/2020	\$1,708,212
Gregor, Thomas	AWD1005003	Grant	The Biophysical and Molecular Mechanisms of Reliability in Development	NIH NIGMS	7/12/2016	2/29/2020	\$1,642,127
Rabinowitz, Joshua D.	AWD1004985	Grant	Towards a Holistic Understanding of Animal Metabolism	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000
Shvartsman, Stanislav Yefimovic	AWD1005174	Contract	Mechanisms of Signal Integration in Developmental Control of Organ Size and Tissue Patterning	University of Massachusetts Boston (NIH NICHD)	8/5/2016	4/30/2021	\$549,375
Shvartsman, Stanislav Yefimovic	AWD1004952	Grant	EGFR Signaling Dynamics during Embryogenesis	U.S.-Israel Binational Science Fdn.	9/1/2016	8/31/2020	\$24,000
Rajan, Kanaka	AWD1004955	Grant	Integrative Theory of Memory and Cognitive Processes	James S. McDonnell Foundation	9/1/2016	8/31/2022	\$600,000
Lu, Wenyun	AWD1005033	Grant	Revealing Cancer Metabolism Via Mass Spectrometry and Isotope Tracers	NIH NCI	9/19/2016	8/31/2021	\$542,135
Levine, Michael Steven	AWD1005016	Grant	Visualization of Gene Activity in the Drosophila Embryo	NIH NIGMS	9/23/2016	7/31/2021	\$2,682,161
Rabinowitz, Joshua D.	AWD1005036	Grant	Metabolism in Action: Quantitative Fluxes in Mammals	NIH NIDDK	9/30/2016	7/31/2021	\$5,670,000
Shaevitz, Joshua William	AWD1005054	Grant	The Physics of Social Behavior in the 3-Dimensional Shoaling of Zebrafish, Danio Rerio	Human Frontier Science Prog Org (HFSP)	10/1/2016	9/30/2019	\$231,940

**Lewis-Sigler Institute for Integrative Genomics (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Murphy, Coleen T.	AWD1005048	Grant	HHMI Faculty Scholar Program	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Gregor, Thomas	AWD1005145	Grant	Uncovering Regulatory Dynamics in Living Embryos; from Enhancer Looping to Transcription Bursting	Human Frontier Science Prog Org (HFSP)	11/15/2016	11/14/2019	\$160,980
Levine, Michael Steven	AWD1005133	Grant	Regulation of Transcriptional Bursting in the Drosophila Embryo	NIH NIGMS	1/1/2017	1/2/2018	\$59,996
Rabinowitz, Joshua D.	AWD1005162	Grant	Whole-Body Branched-Chain Amino Acid Metabolic Flux and its Role in Diabetes	American Diabetes Association	1/1/2017	12/31/2019	\$161,112
Rabinowitz, Joshua D.	AWD1005231	Contract	Target Identification/Validation through Quantifying NADPH Flux, & Mapping Consumption into De Novo Lipogenesis (DNL) in Models of NASH/NAFLD	Pfizer Inc.	1/24/2017	7/23/2019	\$550,000
Ayroles, Julien F.	AWD1005227	Grant	The Genetic Basis of Gene Expression Robustness Under Dietary Stress	Human Frontier Science Prog Org (HFSP)	4/1/2017	4/30/2020	\$115,970
Rabinowitz, Joshua D.	AWD1005252	Grant	Glycine Metabolism in Cancer	NIH NCI	4/1/2017	3/31/2019	\$198,008
Troyanskaya, Olga G.	AWD1005505	Contract	The Penn Vet Shelter canine mammary Tumor program	University of Pennsylvania (The Petco Foundation)	5/1/2017	4/30/2019	\$51,520
Storey, John D.	AWD1005279	Grant	Models and Methods for Population Genomics	NIH NHGRI	5/10/2017	3/31/2021	\$1,427,804
Shvartsman, Stanislav Yefimovic	AWD1005434	Grant	FACETS: Fabrication of Autonomously Constructed Engineered Three-dimensional Shapes	Massachusetts Institute of Technology (Defense Advanced Research Projects Agency)	5/16/2017	5/18/2019	\$266,818
Rabinowitz, Joshua D.	AWD1005471	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania (NIH NIDDK)	5/25/2017	3/31/2018	\$250,000
Andolfatto, Peter	AWD1005286	Grant	The Genetics and Population Genomics of Divergence between Xiphophorus Malinche and Xiphophorus Birchnanni, and their Effects on Patterns of Introgression.	NIH NIGMS	7/1/2017	10/20/2017	\$19,104
Akey, Joshua	AWD1005360	Grant	High-resolution Genetic Dissection of Complex and Quantitative Traits in Yeast	Pacific Northwest Research Institute (NIH NIGMS)	7/1/2017	5/31/2020	\$519,980
Tilghman, Shirley Marie	AWD1005379	Grant	Princeton University - Rescuing Biomedical Research	Rita Allen Foundation, Inc.	7/1/2017	6/30/2018	\$10,064
Rabinowitz, Joshua D.	AWD1005421	Grant	Tumor Cell Dependence on Host Metabolism	Rutgers University - New Brunswick (NIH NCI)	7/1/2017	6/30/2022	\$1,096,897

**Lewis-Sigler Institute for Integrative Genomics (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Troyanskaya, Olga G.	AWD1005528	Contract	Generation of Human iPSC-derived Entorhinal Cortex Neurons for Probing Selective Neuronal Vulnerability in Alzheimer's Disease	Rockefeller University (NIH NIDDK)	7/1/2017	6/30/2022	\$381,450
Akey, Joshua	AWD1005637	Cooperative Agreement	Comprehensively Assessing Human Somatic Variability and its Influence on Gene Exp	NIH NHGRI	7/1/2017	3/31/2019	\$483,014
Troyanskaya, Olga G.	AWD1005564	Contract	A Microphysiological System for Kidney Disease Modeling and Drug Efficacy Testing	University of Washington (NIH NCATS)	7/25/2017	6/30/2019	\$409,845
Akey, Joshua	AWD1005635	Grant	Fossil Free Sequencing of Archaic Genomes	NIH NIGMS	8/1/2017	3/31/2019	\$165,248
Troyanskaya, Olga G.	AWD1005567	Contract	Precision Medicine through Interrogation of Rna in the Kidney (Premiere)	University of Michigan (NIH NIDDK)	9/15/2017	6/30/2019	\$173,195
Murphy, Coleen T.	AWD1005574	Contract	Systems Modeling of Alzheimer's Disease in C. elegans	Albert Einstein Coll of Med of Yeshiva U (NIH NIA)	9/15/2017	6/30/2022	\$1,814,240
Troyanskaya, Olga G.	AWD1005576	Contract	Collaborative Kidney Precision Medicine Central Hub	University of Washington (NIH NIDDK)	9/15/2017	6/30/2022	\$337,100
Rabinowitz, Joshua D.	AWD1005588	Contract	Genome-Scale Design and Engineering of Non-model Yeast Organisms for Production of Biofuels and Bioproducts	University of IL at Urbana-Champaign (DOE - Washington)	9/15/2017	9/14/2018	\$1,964,430
Ayroles, Julien F.	AWD1005478	Grant	A Path to Personalized Phenotypic Prediction: Unlocking the Context-Dependency of Allelic Effects	NIH NIGMS	9/18/2017	8/31/2022	\$1,994,000
Rabinowitz, Joshua D.	AWD1005723	Contract	Center for Advanced Bioenergy and Bioproducts Innovation	University of IL at Urbana-Champaign (DOE - Chicago)	12/1/2017	11/30/2022	\$2,457,053
Rabinowitz, Joshua D.	AWD1005764	Grant	Mitochondrial Serine Catabolism Regulates Mitochondrial NADH/NAD+ within Arrested Mitochondria	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$100,000
Levine, Michael Steven	AWD1005601	Grant	Developmental Patterning of the Anterior Neural Plate in a Simple Chordate	NIH NINDS	2/1/2018	1/31/2023	\$1,732,894
Tilghman, Shirley Marie	AWD1005596	Grant	Rescuing Biomedical Research	Open Philanthropy Project Fund (Silicon Valley Community Foundation)	4/1/2018	3/31/2020	\$409,112
Akey, Joshua	AWD1005654	Grant	Evolutionary and Functional Genomics of the Turkana People: Signatures of Past Selection and Responses to Modern Urbanization	Helen Hay Whitney Foundation	4/1/2018	3/31/2021	\$175,500
Ayroles, Sarah D.	AWD1005674	Grant	Viral Diversity and Transmission Dynamics in a Socially Variable Clade of Wild Pollinators	Ntl Institute of Food and Agriculture	4/1/2018	3/31/2020	\$164,331

**Lewis-Sigler Institute for Integrative Genomics (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rabinowitz, Joshua D.	AWD1005701	Grant	Coordination of Energy Metabolism Across Individual Tissues in Mammals	NIH NIDDK	4/1/2018	3/31/2020	\$179,712
Ayroles, Sarah D.	AWD1005751	Contract	Collaborative Research: Social Brains and Solitary Bees: A Phylogenetic Test of the Effect of Social Behavior on Brain Evolution Across Multiple Gains and Losses of Sociality	George Washington University (NSF - National Science Foundation)	4/1/2018	3/31/2020	\$72,508
Wingreen, Ned S.	AWD1005657	Grant	Self-Organization of Bacterial Biofilms as Active Matter	Int Human Frontier Sci Prog Org (IHFSPO)	5/1/2018	4/30/2021	\$160,980

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Magier, David S.	CNV1002986	Grant	Princeton University Library's Latin American Ephemera Project	Council on Library & Info. Resources	3/1/2014	2/28/2018	\$199,927
Brooke, Sandra Ludig	AWD1005331	Grant	Support for Digital Cicognara Library Partners Meeting, Rome (October 2017)	Samuel H. Kress Foundation	10/1/2017	12/31/2017	\$23,164

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bhargava, Manjul	CNV1001957	Grant	Simons Investigator Award	The Simons Foundation	8/1/2012	7/31/2022	\$1,320,000
Singer, Amit	CNV1001959	Grant	Simons Investigator Award	The Simons Foundation	8/1/2012	7/31/2018	\$660,000
Fefferman, Charles Louis	CNV1001913	Grant	Interpolation by Smooth Functions and Smooth Manifolds	Air Force Office of Scientific Research	8/15/2012	9/14/2017	\$817,881
Ionescu, Alexandru D.	CNV1002584	Grant	Global Solutions of Semilinear and Quasilinear Dispersive Equations	NSF - National Science Foundation	7/1/2013	6/30/2018	\$397,000
Sarnak, Peter Clive	CNV1002585	Grant	Randomness in Number Theory and Automorphic Forms	NSF - National Science Foundation	7/1/2013	6/30/2018	\$608,000
Bhargava, Manjul	CNV1002586	Grant	Number Theory, Representation Theory, and Arithmetic Geometry	NSF - National Science Foundation	7/1/2013	6/30/2019	\$690,000
Sinai, Yakov G.	CNV1002592	Grant	New Trends in Mathematical Fluid Dynamics and Ergodic Number Theory	NSF - National Science Foundation	8/1/2013	7/31/2019	\$204,000
Pusateri, Fabio Giuseppe	CNV1002596	Grant	Asymptotic Behavior for Dispersive and Hyperbolic PDEs	NSF - National Science Foundation	8/15/2013	7/31/2017	\$109,000
Skinner, Christopher McLean	CNV1002598	Grant	L-values, Galois Representations, and Elliptic Curves	NSF - National Science Foundation	8/15/2013	7/31/2017	\$140,000
Fefferman, Charles Louis	CNV1002594	Grant	Fourier Analysis and Partial Differential Equations	NSF - National Science Foundation	9/1/2013	8/31/2017	\$687,231
Dvir, Zeev	CNV1002577	Grant	Alfred P. Sloan Research Fellowship for Dr. Zeev Dvir in Mathematics	Alfred P. Sloan Foundation	9/15/2013	9/14/2017	\$50,000
Coda Santos Cavalcanti Marques, Fernando	CNV1002601	Grant	Mean Curvature Flow, Minimal Surfaces and Ricci Flow	NSF - National Science Foundation	9/15/2013	8/31/2018	\$157,897
Dafermos, Michael C.	AWD1004006	Grant	The Mathematical Analysis of Black Holes and Spacetime Singularities in General Relativity	NSF - National Science Foundation	7/1/2014	6/30/2018	\$189,351
Naor, Assaf	AWD1004225	Grant	Simons Collaboration on Algorithms and Geometry - Director	The Simons Foundation	7/1/2014	7/31/2021	\$2,158,258
Ozsvath, Peter Steven	CNV1003227	Grant	Heegaard Diagrams and Holomorphic Disks	NSF - National Science Foundation	7/1/2014	6/30/2019	\$353,086
Klainerman, Sergiu	AWD1004007	Grant	Problems in Nonlinear Hyperbolic Equations	NSF - National Science Foundation	7/15/2014	6/30/2018	\$360,000
Levine, Adam Simon	AWD1004037	Grant	Floer Homology and Surfaces in 3- and 4-Manifolds	NSF - National Science Foundation	8/1/2014	7/31/2017	\$168,803
Kollar, Janos	CNV1003134	Grant	Families of Varieties of General Type	NSF - National Science Foundation	8/1/2014	7/31/2019	\$670,000
Zhang, Shou-Wu	AWD1004098	Grant	Topics in Arithmetic Geometry	NSF - National Science Foundation	8/15/2014	9/30/2017	\$227,999

**Mathematics (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Naor, Assaf	AWD1004263	Grant	Packard Foundation Fellowship Grant	The David and Lucile Packard Foundation	12/10/2014	10/31/2018	\$440,291
Skinner, Christopher McLean	AWD1004443	Grant	The P-Adic Geometry of Shimura Varieties and Applications to the Langlands Program	NSF - National Science Foundation	7/1/2015	6/30/2019	\$159,469
Chang, Sun-Yung Alice	AWD1004445	Grant	Partial Differential Equations for Manifolds with Boundary	NSF - National Science Foundation	7/1/2015	6/30/2019	\$419,999
Coda Santos Cavalcanti Marques, Fernando	AWD1004453	Grant	Geometry, Analysis and Variational Methods	NSF - National Science Foundation	7/1/2015	6/30/2019	\$370,974
Ozsvath, Peter Steven	AWD1004456	Grant	Contact Structures and Floer Homology on 3-Manifolds with Boundary	NSF - National Science Foundation	7/1/2015	6/30/2019	\$159,464
Ionescu, Alexandru D.	AWD1004499	Grant	FRG: Collaborative Research: Long-Term Dynamics of Nonlinear Dispersive and Hyperbolic Equations: Deterministic and Probabilistic Methods	NSF - National Science Foundation	7/1/2015	6/30/2019	\$509,002
Vicol, Vlad Cristian	AWD1004457	Grant	Mathematical Analysis of Fluid Flow at High Reynolds Number from the Point of View of Turbulence	NSF - National Science Foundation	8/1/2015	7/31/2018	\$117,499
Skinner, Christopher McLean	AWD1004461	Grant	The 2015 Simons Foundation Investigators in Mathematics, Physics and Theoretical Computer Science Program-Parent	The Simons Foundation	8/1/2015	7/31/2020	\$660,000
Kollar, Janos	AWD1004569	Grant	Problems In Higher Dimensional Algebraic Geometry	NSF - National Science Foundation	8/15/2015	7/31/2019	\$162,000
Ozsvath, Peter Steven	AWD1004442	Grant	RTG: Geometry and Topology at Princeton	NSF - National Science Foundation	9/1/2015	8/31/2020	\$2,497,698
Vicol, Vlad Cristian	AWD1004444	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2015	9/14/2019	\$50,000
Fefferman, Charles Louis	AWD1004651	Grant	Fitting Smooth Functions To Data	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2019	\$44,175
Marcus, Adam Wade	AWD1004831	Grant	CAREER: New Techniques for High Dimensional Systems	NSF - National Science Foundation	6/1/2016	5/31/2021	\$402,166
Ionescu, Alexandru D.	AWD1004833	Grant	Long Term Regularity of Solutions of Fluid Models	NSF - National Science Foundation	7/1/2016	6/30/2020	\$318,177
Gabai, David	AWD1004842	Grant	Hyperbolic Geometry, Heegaard Surfaces, Foliation/Lamination Theory and Smooth Four Dimensional Topology	NSF - National Science Foundation	7/1/2016	6/30/2020	\$666,662
Tian, Gang	AWD1004877	Grant	Geometry and Analysis of Differentiable Manifolds	NSF - National Science Foundation	7/1/2016	6/30/2019	\$411,266

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Aretakis, Stefanos	AWD1004841	Grant	Analysis of Extremal Black Holes	NSF - National Science Foundation	8/1/2016	7/31/2019	\$175,511
Aizenman, Michael	AWD1004947	Grant	Critical Phenomena and Disorder Effects	NSF - National Science Foundation	8/1/2016	7/31/2019	\$240,000
Katz, Nicholas Michael	AWD1004837	Grant	Studies in Arithmetic Algebraic Geometry	The Simons Foundation	9/1/2016	8/31/2021	\$35,000
Szabo, Zoltan	AWD1005109	Grant	Low Dimensional Topology and Holomorphic Disks	NSF - National Science Foundation	9/1/2016	8/31/2019	\$326,825
Levine, Adam Simon	AWD1005292	Grant	Low-Dimensional Topology, Floer Homology, and Categorification	NSF - National Science Foundation	5/15/2017	4/30/2020	\$179,992
Vicol, Vlad Cristian	AWD1005166	Grant	CAREER: Nonlinear Stability Mechanisms and Boundary Layer Singularities in Fluid Flows	NSF - National Science Foundation	7/1/2017	6/30/2022	\$420,000
Liu, Chun-Hung	AWD1005212	Grant	Graph Minors, Topological Minors, and Immersions	NSF - National Science Foundation	7/1/2017	6/30/2020	\$167,343
Shcherbina, Tetiana	AWD1005248	Grant	Spectral Properties of Random Band Matrices and Related Questions	NSF - National Science Foundation	7/1/2017	6/30/2020	\$119,998
Boumal, Nicolas Alain S.	AWD1005309	Grant	Colaborative Research: Tractable Non-convex Optimization	NSF - National Science Foundation	7/1/2017	6/30/2020	\$165,000
Ozsvath, Peter Steven	AWD1005343	Grant	Heegaard Diagrams and Holomorphic Disks	NSF - National Science Foundation	7/1/2017	6/30/2020	\$300,000
Singer, Amit	AWD1005345	Grant	Math + X Investigator	The Simons Foundation	7/1/2017	6/30/2022	\$1,500,000
Zhang, Shou-Wu	AWD1005348	Grant	Topics in Arithmetic Geometry: Moduli Varieties, L-functions, Arakelov Theory and Their Interactions and Applications	NSF - National Science Foundation	7/1/2017	6/30/2020	\$193,185
Sly, Allan M.	AWD1005420	Grant	CAREER: Stochastic Processes and Embeddings on Networks	NSF - National Science Foundation	7/1/2017	7/31/2019	\$325,486
Hanselman, Jonathan	AWD1005532	Grant	Low-dimensional Topology Via Bordered Floer Theory	NSF - National Science Foundation	7/15/2017	6/30/2020	\$102,561
Pardon, John Vincent	AWD1005415	Grant	Alan T. Waterman Award	NSF - National Science Foundation	7/18/2017	7/31/2022	\$1,000,000
Rodnianski, Igor	AWD1005284	Grant	The Nonlinear Stability of Black Holes and the Structure of Spacetime Singularities in General Relativity	NSF - National Science Foundation	8/1/2017	7/31/2020	\$451,980
Rodnianski, Igor	AWD1005364	Grant	Simons Foundation Investigator in Mathematics	The Simons Foundation	8/1/2017	7/31/2022	\$660,000
Sly, Allan M.	AWD1005376	Grant	Simons Investigator Award in Mathematics: Allan Sly	The Simons Foundation	8/1/2017	7/31/2022	\$660,000



**Mathematics (4)**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Di Cerbo, Gabriele	AWD1005547	Grant	Effective boundedness results in algebraic geometry	NSF - National Science Foundation	8/16/2017	7/31/2020	\$109,998
Fefferman, Charles Louis	AWD1005218	Grant	Fourier Analysis and Partial Differential Equations	NSF - National Science Foundation	9/1/2017	8/31/2020	\$450,000
Gomez Serrano, Javier	AWD1005458	Grant	Global existence and Singularities in Incompressible fluids	The Simons Foundation	9/1/2017	8/31/2022	\$42,000
Buckmaster, Tristan J.	AWD1005561	Grant	Analytic Methods in Hydrodynamic and Wave Turbulence	NSF - National Science Foundation	9/1/2017	4/30/2019	\$48,860
Gabai, David	AWD1005633	Contract	RNMS: Geometric structures And Representation Varieties	University of IL at Urbana-Champaign (NSF - National Science Foundation)	9/1/2017	1/31/2018	\$31,861
Sheridan, Nicholas James	AWD1005270	Grant	Alfred P. Sloan Research Fellowship for Nicholas Sheridan in Mathematics	Alfred P. Sloan Foundation	9/15/2017	9/30/2017	\$60,000
Pardon, John Vincent	AWD1005544	Grant	Packard Nomination 2017 (John Pardon)	The David and Lucile Packard Foundation	10/16/2017	10/15/2022	\$875,000
Chang, Sun-Yung Alice	AWD1005554	Grant	Geometric Invariance and Partial Differential Equations	NSF - National Science Foundation	1/1/2018	12/31/2018	\$20,000
Fefferman, Charles Louis	AWD1005623	Grant	Fitting Smooth Functions and Manifolds to Data, and Related Problems of Control Theory	Air Force Office of Scientific Research	2/21/2018	2/20/2023	\$1,569,219

**Mechanical and Aerospace Engineering**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dryer, Frederick Lewis	CNV1000879	Cooperative Agreement	Scientific Support for a Space-Based Droplet Burning Experiment	NASA Glenn Research Center	9/1/2009	8/31/2017	\$680,000
Leonard, Naomi Ehrich	CNV1001540	Grant	CPS: Medium: Collaborative Research: Remote Imaging of Community Ecology via Animal-borne Wireless Networks	NSF - National Science Foundation	9/15/2011	8/31/2017	\$400,000
Smits, Alexander John	CNV1001940	Grant	ONR: MURI: Slippery Liquid-Infused Porous Surfaces (SLIPS) for Turbulent Drag Reduction at High Reynolds Number	Office of Naval Research	6/1/2012	12/31/2017	\$3,748,999
Smits, Alexander John	CNV1001951	Grant	Super-Hydrophobic Surface for Skin Friction Drag Reduction in High Reynolds Number Turbulent Flow-Additional Task dated June 1, 2012 to Slippery Liquid-Infused Porous Surfaces (SLIPS) for Turbul	Office of Naval Research	6/16/2012	10/15/2017	\$670,000
Holmes, Philip John	CNV1001883	Grant	BSF Application 2011059: The Control and Coordination of Six-Legged Locomotion	U.S.-Israel Binational Science Fdn.	10/1/2012	9/30/2017	\$66,075
Miles, Richard Bryant	CNV1002522	Grant	NASA Space Technology Research Fellowships Fall 2013 Fellowship Start (NSTRF13-Christopher John Peters)	NASA Headquarters - Washington	8/1/2013	7/31/2017	\$283,948
Martinelli, Luigi	CNV1002523	Grant	Collaborative Research: A Multi-Scale Approach for Optimizing Tidal Kinetic Energy Extraction for Sustainable Power Generation	NSF - National Science Foundation	9/1/2013	8/31/2017	\$163,358
Dryer, Frederick Lewis	CNV1002994	Grant	An Experimental and Chemical Kinetics Study of the Combustion of High Hydrogen Content Fuels: Detailed Species Predictions and Contaminant	University of South Carolina (DOE - Washington)	10/1/2013	9/30/2017	\$161,912
Kasdin, N. Jeremy	AWD1004079	Contract	Coronagraphy and Wavefront Control for the On-Axis AFTA Telescope	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	6/30/2014	9/30/2018	\$1,062,329
Leonard, Naomi Ehrich	AWD1004148	Grant	Bio-inspired Scalable Collaboration of Autonomous Vehicles that Sense, Learn, and Decide	Office of Naval Research	7/1/2014	10/31/2018	\$2,250,000
Smits, Alexander John	AWD1004181	Grant	MURI: Bio-Inspired Flexible Propulsors for Fast, Efficient Swimming: What Physics are we Missing?	University of Virginia (Office of Naval Research)	7/1/2014	9/30/2018	\$2,056,000
Shneider, Mikhail	AWD1004137	Grant	Collaborative Research: Pre-Ionization Controlled Laser Plasma Formation for Ignition Applications	DOE - Washington	8/1/2014	7/31/2017	\$90,000
Kasdin, N. Jeremy	AWD1004179	Grant	Optical and Mechanical Verification of an External Occulter for Starlight Suppression	NASA Headquarters - Washington	8/25/2014	8/24/2018	\$1,250,000

**Mechanical and Aerospace Engineering (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Glaser, Alexander	AWD1004268	Grant	Consortium for Verification Technology	University of Michigan (DOE - National Nuclear Security Admin)	9/1/2014	8/31/2019	\$2,486,250
Shneider, Mikhail	AWD1004151	Grant	Collaborative Research: Pre-Ionization Controlled Laser Plasma Formation for Ignition Applications	NSF - National Science Foundation	9/15/2014	8/31/2017	\$15,000
Rowley III, Clarence Worth	AWD1004247	Grant	Flow Physics and Nonlinear Dynamics of Separated Flows Subjected to ZNMF-Based Control	Florida State University (Air Force Office of Scientific Research)	9/15/2014	9/14/2017	\$370,461
Law, Chung King	AWD1004261	Grant	Structure and Response of Spherical Diffusion Flame (Revised Renewal August 2014)	NASA Glenn Research Center	11/25/2014	11/24/2019	\$630,000
Bou Zeid, Elie R.	AWD1004246	Grant	Rapid Modifications of Land Surface Temperature During Rainfall: Basics and Implications	Army Research Office	1/1/2015	5/31/2018	\$360,263
Kasdin, N. Jeremy	AWD1004331	Grant	Formation Flying for External Occulters	NASA Headquarters - Washington	1/1/2015	12/31/2018	\$372,495
Shneider, Mikhail	AWD1004349	Grant	Control of Microstructure of Water by a Laser for Applications in Future Underwater Sensor and Communication Technology	Office of Naval Research	3/15/2015	9/30/2018	\$650,000
Shneider, Mikhail	AWD1004335	Contract	Modeling and Theoretical Support Of In-Situ Laser Diagnostics Development and Applications for Plasma Nanosynthesis Project	Princeton Plasma Physics Laboratory (DOE - Chicago)	3/26/2015	4/15/2018	\$243,000
Miles, Richard Bryant	AWD1004367	Grant	Stand-Off Detection of Magnetic Anomalies by Circular Polarized Laser Interactions	Office of Naval Research	4/1/2015	12/31/2017	\$750,000
Smits, Alexander John	AWD1004695	Grant	Turbulence at Reynolds Numbers Typical of Navy Operations	Office of Naval Research	4/1/2015	3/31/2018	\$339,955
Miles, Richard Bryant	AWD1004513	Grant	Control of Static and Dynamic Stall in a Wide Range of Mach Numbers by Plasma Actuators with Combined Energy/Momentum Action	Army Research Office	5/13/2015	5/12/2018	\$450,000
Law, Chung King	AWD1004405	Grant	Investigations on Hydrodynamic and Diffusional-thermal Flamefront Instabilities	NSF - National Science Foundation	6/1/2015	5/31/2018	\$277,000
Ju, Yiguang	AWD1004409	Grant	Highly Sensitive H <sub>2</sub> Diagnostics and Oxidation Kinetics of Oxygenated Fuels at High Pressure	NSF - National Science Foundation	7/1/2015	6/30/2019	\$300,000
Littman, Michael G.	AWD1004465	Grant	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	NSF - National Science Foundation	7/1/2015	12/31/2018	\$143,682
Stone, Howard A.	AWD1004466	Grant	Fluid-driven Fracture of Elastic Materials, Flowback Dynamics and the Effect of Proppants	NSF - National Science Foundation	7/1/2015	6/30/2018	\$300,000

**Mechanical and Aerospace Engineering (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Hultmark, Marcus Nils	AWD1004484	Grant	Physical Mechanisms of Wall-Bounded Turbulence and Turbulent Mixing at Extreme Reynolds	NSF - National Science Foundation	7/1/2015	6/30/2018	\$319,320
Miles, Richard Bryant	AWD1004549	Grant	Stand Off Detection of Trace Species by Simultaneous Radar REMPI and Backward Lasing	Office of Naval Research	8/1/2015	7/31/2019	\$750,000
Mikhaylova, Yulia	AWD1004534	Grant	Attosecond Electron Synchrotron on a Nanoscale: Intense X-Ray Pulses from Laser--Solid Interaction	NSF - National Science Foundation	8/15/2015	7/31/2018	\$305,000
Miles, Richard Bryant	AWD1004567	Grant	Calibration and Certification of Molecular Tracking for the Measurement of Near Wall Stresses in High Speed, Unseeded Air and Nitrogen (Revised 12-18-2014)	Air Force Office of Scientific Research	9/1/2015	8/31/2018	\$562,000
Shneider, Mikhail	AWD1004594	Grant	Collaborative Research: Exploring Cold Atmospheric Plasma Physics	NSF - National Science Foundation	9/15/2015	8/31/2018	\$75,000
Glaser, Alexander	AWD1004748	Contract	Minimally Intrusive Verification of Deep Nuclear Warhead Reductions: A Fresh Look at the Buddy-Tag Concept	U.S. Department of State	9/30/2015	9/29/2017	\$55,000
Martinelli, Luigi	AWD1004723	Grant	FAA Joint University Program for Air Transportation Proposal for Activities by Princeton University - 2015-16	Federal Aviation Agency (DOT)	12/30/2015	6/25/2019	\$265,000
Ju, Yiguang	AWD1004778	Grant	Multiscale and Correlated Dynamic Adaptive Chemistry and Transport Modeling of Ignition and Flame Regimes of Stratified Fuel Mixtures	Army Research Office	3/15/2016	11/14/2018	\$315,000
Kasdin, N. Jeremy	AWD1004730	Contract	WFIRST Science Investigation Teams and Adjutant Scientists	NASA Goddard Space Flight Center	4/26/2016	4/25/2019	\$575,007
Hultmark, Marcus Nils	AWD1004868	Grant	Theoretical and Experimental Characterization of Turbulent Heat Transfer in Compressible Flows	Air Force Office of Scientific Research	6/1/2016	5/31/2019	\$360,000
Miles, Richard Bryant	AWD1004967	Contract	STTR Phase II: Short Pulsed Laser Techniques for Measurement of Multiple Properties in High Enthalpy Facilities	MetroLaser, Inc. (NASA HQ - Washington)	6/15/2016	5/2/2018	\$173,000
Law, Chung King	AWD1005095	Grant	Studies of High-Pressure Acoustic Combustion Instabilities in Hydrocarbon-Oxygen Liquid-Propellant Rocket Engines Based on Reduced Chemical-Kinetic Mechanisms	University of California at San Diego (Air Force Office of Scientific Research)	6/15/2016	6/14/2018	\$280,000
Yan, Jing	AWD1004909	Grant	Resolving and Analyzing Living Bacterial Biofilms at the Single Cell Level	The Burroughs Wellcome Fund	7/1/2016	6/30/2018	\$140,000
Ju, Yiguang	AWD1004867	Grant	Quantitative Studies of Cool Flame Transitions at Radiation and Stretch Extinction Using Counterflow Flames	NASA Headquarters - Washington	8/1/2016	7/31/2019	\$149,999

**Mechanical and Aerospace Engineering (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Mueller, Michael Edward	AWD1005159	Cooperative Agreement	Fuel-Sensitive Turbulent Combustion Models for Prediction Flame Stabilization and Emissions from Aircraft Combustors	University of Michigan (NASA HQ - Washington)	8/9/2016	8/8/2019	\$255,000
Rowley III, Clarence Worth	AWD1004980	Contract	A Data-Driven, Operator-Theoretic Framework for Space-Time Analysis of Process Dynamics	AIMdyn, Inc. (Defense Advanced Research Projects Agency)	8/15/2016	8/12/2018	\$280,001
Leonard, Naomi Ehrich	AWD1004938	Grant	Nonlinear Network Dynamics for Bio-Inspired Collective Decision-Making	NSF - National Science Foundation	9/1/2016	8/31/2019	\$407,999
Suckewer, Szymon	AWD1004976	Grant	INSPIRE: Compact X-Ray Laser in "Water Window" and Microscopy of Cell Membranes	NSF - National Science Foundation	9/1/2016	8/31/2019	\$450,000
Stone, Howard A.	AWD1004987	Grant	Collaborative Proposal: Theoretical, Computational and Experimental Investigations on the Interaction Between a Lipid Bilayer Membrane and a Solid Substrate or Particle	NSF - National Science Foundation	9/1/2016	8/31/2019	\$190,000
Stone, Howard A.	AWD1005118	Grant	A Microfluidic Platform to Study Sickle Blood Rheology	University of Minnesota (NIH NHLBI)	9/1/2016	8/31/2017	\$40,500
Choueiri, Edgar Yazid	AWD1005155	Contract	Characterizing Plasma Oscillations Using Active Wave Injection to Develop Long Life Hall Thrusters and Hollow Cathodes	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	1/25/2017	9/24/2017	\$75,000
Hultmark, Marcus Nils	AWD1005170	Grant	CAREER: Revealing the Characteristics of High Reynolds Number Wakes with Rotation.	NSF - National Science Foundation	3/1/2017	2/28/2022	\$549,999
Smits, Alexander John	AWD1005185	Grant	Understanding Turbulence on Navy Vehicles	Office of Naval Research	3/1/2017	2/28/2021	\$1,299,272
Miles, Richard Bryant	AWD1005202	Contract	SBIR Phase I: Measurement of Neutral Xenon Using Two Photon Radar REMPI and Laser Induced Fluorescence	MetroLaser, Inc. (Air Force Office of Scientific Research)	3/8/2017	12/14/2017	\$21,665
Miles, Richard Bryant	AWD1005196	Grant	The Measurement of Pressure with Stand-Off Spectroscopic Methods Proposal to AFOSR	Air Force Office of Scientific Research	3/15/2017	10/14/2020	\$525,000
Kolemen, Egemen	AWD1005220	Contract	Simulation, Deployment, and Analysis of the NSTX-U Advanced Divertor Control	Princeton Plasma Physics Laboratory (DOE - Chicago)	3/30/2017	9/30/2017	\$58,309
Shneider, Mikhail	AWD1005221	Contract	Simulation of Electron Beam Scattering and Low Temperature EXB Devices	Princeton Plasma Physics Laboratory (DOE - Chicago)	3/30/2017	9/30/2017	\$47,105
Ju, Yiguang	AWD1005164	Grant	6th International Workshop on Model Reduction in Reactive Flow	Army Research Office	4/1/2017	10/1/2017	\$10,000
Choueiri, Edgar Yazid	AWD1005217	Contract	Independent 3D Audio Program Delivery to Multiple Listeners in Automotive Environments (The MAHLER Project)	Focal-JMLab	4/1/2017	3/31/2019	\$818,016

**Mechanical and Aerospace Engineering (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Nunes, Janine Kelley	AWD1005255	Grant	Fiber-based Hydrogels using Flow-induced Gelation Strategies	NSF - National Science Foundation	4/1/2017	3/31/2020	\$370,000
Miles, Richard Bryant	AWD1005233	Grant	Development of Xenon Based Magnetometry	Office of Naval Research	5/1/2017	9/30/2020	\$1,200,000
Miles, Richard Bryant	AWD1005187	Grant	Frequency Tunable Femtosecond Laser System for Magnetometry and Stand Off-Detection	Office of Naval Research	6/1/2017	5/31/2018	\$273,038
Stone, Howard A.	AWD1005293	Grant	Separation of Colloidal Particles by Diffusiophoresis	NSF - National Science Foundation	6/1/2017	5/31/2020	\$300,000
Ju, Yiguang	AWD1005359	Contract	STTR Phase I: Ignition Modeling for Present and Future Combustors and Augmentors	Combustion Science & Engineering, Inc. (Office of Naval Research)	6/5/2017	1/31/2018	\$50,000
Smits, Alexander John	AWD1005362	Contract	SBIR Phase I: Modeling and Controls for Synthetic Jet- Based Active Flow Control	Actasys Inc. (NASA HQ - Washington)	6/9/2017	12/8/2017	\$10,650
Miles, Richard Bryant	AWD1005469	Cooperative Agreement	Adaptive Aerostructures for Revolutionary Civil Supersonic Transportation	Texas A&M University (NASA HQ - Washington)	6/15/2017	6/14/2022	\$500,000
Ju, Yiguang	AWD1005253	Grant	The 1st International Workshop on Near-Limit Flames	NSF - National Science Foundation	7/1/2017	12/31/2017	\$9,999
Mikhaylova, Yulia	AWD1005466	Grant	Attosecond Light-Field Control of High-Density Plasmas	DOE - Chicago	7/15/2017	7/14/2022	\$757,198
Rowley III, Clarence Worth	AWD1005408	Grant	Flow Physics and Nonlinear Dynamics of Natural and Perturbed Turbulent Separation Bubbles	Florida State University (Air Force Office of Scientific Research)	8/1/2017	7/31/2020	\$346,799
Ju, Yiguang	AWD1005526	Cooperative Agreement	University Coalition for Fossil Energy Research	The Pennsylvania State University (DOE - Morgantown)	8/1/2017	7/31/2019	\$160,000
Mueller, Michael Edward	AWD1005438	Grant	Young Investigators Program(YIP): Multi-Modal Turbulent Combustion under Autoignitive Conditions: Separability of Combustion Modes and Implications for Modeling	Army Research Office	8/7/2017	8/6/2020	\$360,000
Hultmark, Marcus Nils	AWD1005417	Grant	Collaborative Research: Parameterization of the Land-surface Thermal and Moisture Heterogeneities	NSF - National Science Foundation	8/15/2017	7/31/2020	\$299,999
Glaser, Alexander	AWD1005472	Grant	Virtual Reality for Nuclear Material Security and Arms Control: Engaging the Public & International Government Partners	The John D. & Catherine T. MacArthur Fdn	9/1/2017	8/31/2019	\$415,170
Choueiri, Edgar Yazid	AWD1005515	Contract	Advanced Audio for Automotive Environments (The A3E Project)	Tesla Motors Inc.	9/1/2017	8/31/2018	\$300,696
Stone, Howard A.	AWD1005525	Grant	CCI Phase I: NSF Center for Chemo-Mechanical Assembly	University of Pittsburgh (NSF - National Science Foundation)	9/1/2017	8/31/2020	\$414,000

**Mechanical and Aerospace Engineering (6)**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Stone, Howard A.	AWD1005559	Grant	A Microfluidic Platform to Study Sickle Blood Rheology	University of Minnesota (NIH NHLBI)	9/1/2017	8/31/2021	\$162,000
Rowley III, Clarence Worth	AWD1005473	Grant	Operator Methods for Analysis of Dynamic Networks	Army Research Office	9/11/2017	9/10/2018	\$997,284
Glaser, Alexander	AWD1005835	Contract	Autonomous Mobile Robots for Managed Access Inspections	U.S. Department of State	9/30/2017	9/29/2018	\$140,000
Kasdin, N. Jeremy	AWD1005488	Grant	Advancing IFS Wavefront Control and Analysis	NASA Shared Services Center	10/1/2017	9/30/2018	\$165,586
Ju, Yiguang	AWD1005523	Contract	SBIR Phase I: Plasma-Assisted Low-Temperature Combustion and Ignition	Advanced Cooling Technologies, Inc. (DOE - Washington)	10/16/2017	4/30/2018	\$44,386
Miles, Richard Bryant	AWD1005553	Contract	Three Dimensional Density Imaging by Rayleigh Scattering	MetroLaser, Inc. (Air Force Research Laboratory-WPAFB)	11/13/2017	12/2/2019	\$224,563
Kosmrlj, Andrej	AWD1005606	Grant	Horus (Big Ideas Challenge)	National Institute of Aerospace (NASA HQ - Washington)	1/18/2018	1/17/2019	\$6,000
Stone, Howard A.	AWD1005617	Grant	Abbott Point of Care Inc. Agreement	Abbott Point of Care Inc.	2/19/2018	2/18/2019	\$74,987
Kasdin, N. Jeremy	AWD1005704	Contract	JPL CREI: Starshade Testbed Upgrade	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	4/25/2018	6/30/2019	\$336,153
Shneider, Mikhail	AWD1005727	Grant	Chemistry and Dynamics of Pre-Ionization Controlled Laser Plasmas	Colorado State University (Air Force Office of Scientific Research)	4/25/2018	4/24/2021	\$180,000
Law, Chung King	AWD1005734	Grant	An Investigation on Flame-front Instability in Laminar and Turbulent Flames	NSF - National Science Foundation	6/15/2018	5/31/2021	\$292,500

## Molecular Biology

## ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wieschaus, Eric Francis	CNV1000013	Grant	Howard Hughes Medical Institute Support for Eric Wieschaus	Howard Hughes Medical Institute	9/1/1997	8/31/2019	\$1,473,143
Bassler, Bonnie Lynn	CNV1000227	Grant	Howard Hughes Medical Institute Support for Bonnie Bassler	Howard Hughes Medical Institute	8/1/2005	8/31/2021	\$762,055
Enquist, Lynn William	CNV1001456	Grant	Dissecting the unique neuronal spread phenotype of HSV-1 clinical strain H129 with a Brainbow recombinant virus	The Pew Charitable Trusts	7/1/2011	2/28/2019	\$60,000
Kang, Yibin	CNV1001708	Contract	Testing the Anti-Metastatic Effect of Glycomimetic Small Molecule Compounds that Inhibit E-selectin	GlycoMimetics, Inc.	3/1/2012	12/31/2017	\$210,000
Kang, Yibin	CNV1002152	Grant	Cancer Center Support Grant: Support for Director of TG/KO Shared Resource	Rutgers University - New Brunswick (NIH NCI)	3/1/2012	2/28/2018	\$116,290
Schwarzbauer, Jean E.	CNV1002450	Grant	Research Agreement 1959: NIH-NCI CCSG Support	Rutgers University - New Brunswick (Rutgers Cancer Institute of New Jersey)	3/1/2012	2/28/2019	\$42,214
Schwarzbauer, Jean E.	CNV1002930	Grant	CINJ: Flow Cytometry/Cell Sorting Shared Resource	Rutgers University - New Brunswick (NIH NCI)	3/1/2012	2/28/2018	\$102,474
Schwarzbauer, Jean E.	CNV1001774	Grant	Molecular Analysis of Extracellular Matrix Assembly	NIH NCI	5/1/2012	3/31/2018	\$1,630,468
Wingreen, Ned S.	CNV1002080	Grant	History Dependence of Chemosensing Strategy in Escherichia Coli	NIH NIGMS	9/1/2012	8/31/2017	\$1,386,022
Gavis, Elizabeth Rose	CNV1002461	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	5/1/2013	7/31/2017	\$1,294,008
Ploss, Alexander	CNV1002466	Grant	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	NIH NIAID	7/1/2013	6/30/2018	\$1,988,350
Gitai, Zemer	CNV1002467	Grant	Predocctoral Training in Genetics and Molecular Biology	NIH NIGMS	7/1/2013	6/30/2018	\$5,999,476
Enquist, Lynn William	CNV1002477	Grant	Neuronal Spread of Herpesvirus Infection	NIH NINDS	9/1/2013	5/31/2019	\$1,798,061
Gitai, Zemer	CNV1002479	Grant	Caulobacter Cell Shape and Cytoskeletal Regulation	NIH NIGMS	9/1/2013	5/31/2018	\$1,475,768
Kang, Yibin	CNV1002482	Grant	BC123187: Organ-Tropic Metastatic Secretomes and Exosomes in Breast Cancer	Army Medical Rsrch Acquisition Activity	9/27/2013	9/26/2019	\$4,507,495
Wingreen, Ned S.	CNV1003028	Grant	INSPIRE Track 1: Resolving and Optogenetically Perturbing Biofilms at the Single-Cell Level	NSF - National Science Foundation	3/15/2014	2/28/2018	\$1,000,000



**Molecular Biology (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Schedl, Paul Daniel	CNV1003075	Grant	Unexpected Roles for BMP Signaling in the Specification of the Embryonic Germline	NIH NIGMS	4/11/2014	3/31/2019	\$1,213,282
Notterman, Daniel A.	AWD1004046	Grant	Reciprocal Genetic-Environmental Interactions During Childhood and Adolescence	NIH NICHD	5/1/2014	4/30/2019	\$3,349,270
Korennykh, Alexei V.	CNV1003095	Grant	Structural and Functional Bases of Stress-Activated RNA Decay Mediated by RNase L	NIH NIGMS	5/1/2014	4/30/2019	\$1,496,563
Notterman, Daniel A.	AWD1004174	Grant	Biopsychosocial Determinants of Sleep and Wellbeing for Teens in Fragile Families	The Research Foundation S.U.N.Y. (NIH NICHD)	6/1/2014	5/31/2018	\$233,664
Notterman, Daniel A.	AWD1004204	Grant	Measurement Error in Population Health Inequity Research using Novel Biomeasures	University of Michigan (NIH NIA)	7/1/2014	3/31/2018	\$125,810
Korennykh, Alexei V.	CNV1003234	Grant	Systems Analysis of Pathogen Defense Mediated by 2',5'-linked isoRNA	The Burroughs Wellcome Fund	7/1/2014	6/30/2019	\$500,000
Petry, Sabine	AWD1004018	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$255,821
Devenport, Danelle	AWD1004111	Grant	Mechanical Forces in Establishing Long-range Tissue Patterning	Bert L & Natalie K Vallee Fdn, Inc.	9/1/2014	8/31/2019	\$250,000
Schedl, Paul Daniel	AWD1004169	Grant	Factors and Mechanisms Mediating Boundary Function in Drosophila	NIH NIGMS	9/10/2014	6/30/2018	\$1,590,402
Enquist, Lynn William	AWD1004399	Grant	PDE5 Inhibition of Afferents and Interstitial Cells in Overactive Mouse Bladders	University of Pittsburgh (NIH NIDDK)	10/1/2014	8/31/2019	\$20,582
Petry, Sabine	AWD1004215	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The David and Lucile Packard Foundation	10/30/2014	10/29/2019	\$875,000
Silhavy, Thomas Joseph	AWD1004212	Contract	Evaluation of Potential BAM Pathway Inhibitors	Merck & Co., Inc.	11/10/2014	11/9/2018	\$616,275
Cristea, Ileana M.	AWD1004345	Grant	Identifying the Roles of ARMS2 & HTRA1 in the Pathogenesis of Age-related Macular Degeneration Using Functional Proteomics	The Johns Hopkins University (Edward N & Della L Thome Memorial Fdn)	12/31/2014	9/30/2017	\$224,000
Shenk, Thomas Eugene	AWD1004274	Grant	Human Cytomegalovirus-induced Alterations to Cell-surface Adhesion Proteins	NIH NIAID	1/1/2015	12/31/2019	\$2,157,113
Shenk, Thomas Eugene	AWD1004384	Grant	The Role of Tumor Suppressor p53 Pathway in HCMV Infection	NJ Commission on Cancer Research	1/1/2015	12/31/2017	\$100,000
Schupbach, Gertrud Maria	AWD1004290	Grant	EGF Receptor Mediated Signaling in Drosophila	NIH NIGMS	2/1/2015	1/31/2019	\$1,653,583
Devenport, Danelle	AWD1004339	Grant	Establishment of Long-Range Tissue Polarity in the Mammalian Epidermis	NIH NIAMS	4/1/2015	3/31/2020	\$1,727,440

**Molecular Biology (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Cristea, Ileana M.	AWD1004373	Grant	Functional Investigation of the TBX20 Cardiac Interactome	Univ of No Carolina at Chapel Hill (NIH NHLBI)	4/1/2015	1/31/2019	\$1,251,019
Shenk, Thomas Eugene	AWD1004535	Grant	Viral Modulation of Epigenetic Mechanisms	University of Pennsylvania (NIH NIAID)	4/15/2015	3/31/2020	\$1,129,064
Ploss, Alexander	AWD1004423	Contract	Generation of Humanized Mouse Models for Hepatitis B Virus Infection	Gilead Sciences, Inc.	6/1/2015	10/31/2018	\$744,316
Boulanger, Lisa M.	AWD1004449	Grant	Investigating the Role of MHCI in Excitotoxicity Following Traumatic Brain Injury	NJ Commission on Brain Injury Research	6/1/2015	5/31/2019	\$100,500
Schwarzbauer, Jean E.	AWD1004554	Grant	A Cell-assembled Matrix Template to Guide Nerve Regeneration in the Spinal Cord	NJ Commission on Spinal Cord Research	6/29/2015	6/30/2019	\$548,914
Cristea, Ileana M.	AWD1004417	Grant	Emerging Roles for Interferon Inducible Protein IFIX in Innate Immune Response	NIH NIAID	7/1/2015	1/31/2018	\$120,805
Ploss, Alexander	AWD1004448	Grant	Deciphering Restrictions of Viral Interspecies Transmission	American Cancer Society, Inc.	7/1/2015	6/30/2019	\$792,000
Enquist, Lynn William	AWD1004631	Grant	National Center for Neuroanatomy with Neurotropic Viruses	University of Pittsburgh (NIH Office of the Director)	7/1/2015	6/30/2020	\$932,275
Enquist, Lynn William	AWD1004683	Grant	Cytokine-induced Antiviral Responses in Axons of Peripheral Nervous System Neurons	NIH NINDS	7/1/2015	6/30/2020	\$215,126
Enquist, Lynn William	AWD1004766	Grant	National Center for Experimental Neuroanatomy with Neurotropic Viruses: Combined PRV and HSV Core Projects	University of Pittsburgh (NIH Office of the Director)	7/1/2015	6/30/2020	\$64,595
Kang, Yibin	AWD1004520	Grant	Ubiquitin-dependent Regulation of EMT in Breast Cancer Metastasis	The Susan G. Komen Breast Cancer Fdn.	7/7/2015	7/6/2018	\$180,000
Bassler, Bonnie Lynn	AWD1004516	Grant	Manipulating Pseudomonas Aeruginosa Quorum-Sensing to Control Pathogenesis	Jane Coffin Childs Mem. Fund/Med. Resr.	8/1/2015	7/31/2018	\$160,500
Zakian, Virginia Araxie	AWD1004611	Grant	Role of G4 Sequences in rDNA Transcription and Ribosome Biogenesis and/or Function	The Burroughs Wellcome Fund	9/1/2015	8/31/2018	\$60,000
Cristea, Ileana M.	AWD1004622	Grant	Mechanisms Mediating Immune Response Upon Sensing of Nuclear Viral DNA	NIH NIGMS	9/15/2015	7/31/2019	\$1,277,429
Gitai, Zemer	AWD1004584	Grant	Mechano-Microbiology: How Physical Forces Control Bacterial-Host Interactions	NIH NIAID	9/30/2015	7/31/2020	\$4,050,000
Abou Donia, Mohamed S.	AWD1004585	Grant	Uncultivated Bacterial Symbionts of Humans: An Untapped Resource for Drug Discovery	NIH NIAID	9/30/2015	6/30/2020	\$2,399,496
Cristea, Ileana M.	AWD1004628	Grant	Uncovering Mechanisms of Nuclear Viral DNA Sensing in Mammalian Immunity	Edward Mallinckrodt Jr. Foundation	10/1/2015	9/30/2019	\$400,000

**Molecular Biology (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Enquist, Lynn William	AWD1004627	Grant	Microtubule Motors in Axonal Sorting and Transport During Herpesvirus Infections	NIH NIGMS	11/16/2015	11/15/2017	\$113,360
Cristea, Ileana M.	AWD1004739	Grant	Molecular and Genetic Analysis of Castor in Cardiac Development	Univ of No Carolina at Chapel Hill (NIH NHLBI)	12/1/2015	11/30/2017	\$74,499
Kang, Yibin	AWD1004691	Contract	Sensitizing Bone Metastasis to Chemotherapy and Radiotherapy by Targeting Jagged1-Mediated Tumor-Stromal Interactions	METAvisor Research & Support, Inc.	1/1/2016	12/31/2017	\$80,000
Kang, Yibin	AWD1004692	Contract	Development of a Humanized Mouse Model of Breast Cancer Liver Metastasis	METAvisor Research & Support, Inc.	1/1/2016	12/31/2017	\$100,000
Ploss, Alexander	AWD1004784	Grant	Utilization of a Humanized Mouse Model to Characterize Hepatitis C Virus Induced Hepatocarcinogenesis	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$100,000
Kang, Yibin	AWD1004794	Grant	Defining Roles of GPR56 in Regulation of Mammary Gland Development and Breast Cancer Progression	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$100,000
Bassler, Bonnie Lynn	AWD1004755	Grant	Intra- and Inter- Species Communication in Bacteria	NIH NIGMS	2/10/2016	11/30/2020	\$1,716,227
Petry, Sabine	AWD1004773	Grant	Determining the Molecular Mechanism of Localizing and Activating the Gamma-tubulin Ring Complex (gamma-TuRC) at the Centrosome	NIH NIGMS	4/1/2016	1/31/2018	\$103,324
Gavis, Elizabeth Rose	AWD1004791	Grant	Mechanism of RNA Localization in Drosophila Development	NIH NIGMS	4/1/2016	3/31/2018	\$752,563
Gavis, Elizabeth Rose	AWD1004795	Grant	Mechanistic Analysis of Drosophila Germ Granule Assembly	NIH NIGMS	4/1/2016	3/31/2018	\$115,284
Toettcher, Jared E.	AWD1004808	Grant	Optogenetic Control of Spatio-temporal Patterning in Early Embryogenesis	NIH NIGMS	5/1/2016	4/30/2019	\$172,534
Toettcher, Jared E.	AWD1004810	Grant	Optogenetic Profiling of Functional Signaling Abnormalities in Triple Negative Breast Cancer	NIH NCI	5/1/2016	4/30/2022	\$295,716
Devenport, Danelle	AWD1004862	Grant	Cell-cycle Control of Cell Polarity in Epidermal Patterning and Differentiation	NIH NIAID	5/5/2016	4/30/2021	\$2,002,077
Zakian, Virginia Araxie	AWD1004866	Grant	Telomere Maintenance and Replication Fork Progression in Yeast and Human Cells	NIH NIGMS	5/6/2016	4/30/2021	\$4,497,693
Silhavy, Thomas Joseph	AWD1004847	Grant	Biogenesis and Maintenance of the Outer Membrane of Gram-negative Bacteria	NIH NIGMS	5/15/2016	4/30/2021	\$4,082,562
Schwarzbauer, Jean E.	AWD1005025	Grant	Integrated Technologies for Polymeric Biomaterials, RESBIO	Rutgers University - New Brunswick (NIH NIBIB)	6/1/2016	5/31/2018	\$88,092

**Molecular Biology (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kang, Yibin	AWD1004879	Grant	An E-selectin-mediated Endothelial Niche in Bone Metastasis of Breast Cancer	The Susan G. Komen Breast Cancer Fdn.	6/10/2016	6/9/2019	\$600,000
Ploss, Alexander	AWD1004891	Grant	Breaking Species Barriers of Human Hepatotropic Pathogens	The Burroughs Wellcome Fund	7/1/2016	6/30/2021	\$500,000
Burdine, Rebecca D.	AWD1005004	Grant	Pathways Leading to Actin Polymerization and Podosome Formation in Migrating Cardiac Progenitor Cells	American Heart Association	7/1/2016	6/30/2018	\$102,550
Weng, Mo	AWD1004936	Grant	Mechanosensitive Remodeling of Adherens Junctions During Snail-driven EMT	NIH NICHD	7/8/2016	7/31/2018	\$178,616
Bassler, Bonnie Lynn	AWD1004937	Grant	Investigating Quorum-sensing Regulation of Pseudomonas Aeruginosa Biofilms at Single Cell Level	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000
Kang, Yibin	AWD1004969	Grant	BC151403: Functional Mechanism and Targeting of Metadherin in Breast Cancer	Department of Defense	8/15/2016	8/14/2019	\$1,210,740
Korennykh, Alexei V.	AWD1004949	Grant	Self-RNA Cleavage as an Arm of Innate Immunity	Bert L & Natalie K Vallee Fdn, Inc.	9/1/2016	8/31/2021	\$250,000
Stock, Jeffry Benton	AWD1005010	Grant	Synergistic Neuroprotective Mechanisms of Coffee Components in Parkinson's Disease	Rutgers University - New Brunswick (NIH NCCAM)	9/1/2016	8/31/2018	\$144,036
Korennykh, Alexei V.	AWD1005043	Grant	Beyond Infection: Innate Immune Receptors as an Emerging Brake on Metastasis	NIH NCI	9/21/2016	11/30/2018	\$89,120
Schwarzbauer, Jean E.	AWD1005006	Grant	Mechanisms of High Glucose Induced Fibronectin Matrix Assembly by Mesangial Cells.	NIH NIDDK	9/30/2016	9/29/2019	\$176,274
Petry, Sabine	AWD1005019	Grant	Building the Chromosome Segregation Machinery from Scratch	NIH NIGMS	9/30/2016	5/31/2021	\$2,399,496
Toettcher, Jared E.	AWD1005020	Grant	Harnessing Optogenetics to Diagnose and Therapeutically Rewire Cancer Cell Signaling	NIH NIBIB	9/30/2016	6/30/2021	\$2,361,042
Kang, Yibin	AWD1004971	Grant	The Role of Metadherin in Immune Evasion of Metastatic Breast Cancer	Breast Cancer Research Foundation	10/1/2016	9/30/2017	\$228,120
Bassler, Bonnie Lynn	AWD1004972	Grant	Quorum Sensing Control of Bacterial Biofilms and its Role in the Microbiota in Health and Disease	Alexander von Humboldt Foundation	10/1/2016	9/30/2021	\$831,485
Abou Donia, Mohamed S.	AWD1005014	Grant	The Role of Microbiota-Derived Small Molecules in the Etiology of Crohn's Disease	The Kenneth Rainin Foundation	10/1/2016	9/30/2018	\$300,000
Jonikas, Martin C.	AWD1005177	Grant	A Mutant Resource to Transfer Reverse Genetics in Chlamydomonas	NSF - National Science Foundation	10/1/2016	8/31/2017	\$378,007

**Molecular Biology (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jonikas, Martin C.	AWD1005052	Grant	HHMI Faculty Scholars Program Award - Martin Casimir Jonikas	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Toettcher, Jared E.	AWD1005108	Grant	Developing an Optogenetic Approach to Detect Signaling Alterations in Cancer	Rutgers University - New Brunswick (American Cancer Society, Inc.)	11/1/2016	10/31/2017	\$50,000
Wilson, Maxwell Zane	AWD1005063	Contract	Princeton University Research and Technology Commercialization Project	New Jersey Health Foundation, Inc.	11/7/2016	1/1/2019	\$49,995
Cristea, Ileana M.	AWD1005121	Contract	Proteomic Analysis of Interactors of HTT and other HD-associated Proteins	CHDI Foundation, Inc.	1/1/2017	9/30/2018	\$469,573
Kang, Yibin	AWD1005137	Grant	Jagged1-Dependent Tumor-stromal Interactions in Bone Metastasis	NIH NCI	1/1/2017	12/31/2021	\$1,852,875
Jonikas, Martin C.	AWD1005278	Grant	Combining Algal and Plant Photosynthesis (CAPP2)	NSF - National Science Foundation	1/1/2017	5/31/2018	\$276,685
Weij, Lei	AWD1005321	Grant	Identification of Key Factors Involved in Hepatitis B Virus cccDNA Formation and Maintenance	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$100,000
Pohl, Thomas J.	AWD1005324	Grant	Characterizing the Role of Pif1 in Mediating Replication and Genome Stability at Centromeres and G4 Motifs	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$100,000
Jonikas, Martin C.	AWD1005372	Grant	Transforming our Understanding of Eukaryotic Gene Functions Through Chemical Genetics in the Green Alga Chlamydomonas Reinhardtii	NIH NIGMS	1/1/2017	5/31/2020	\$1,821,436
Silhavy, Thomas Joseph	AWD1005429	Grant	Mechanisms of Nuclear and Cell Fusion in Yeast	Georgetown University (NIH NIGMS)	1/1/2017	3/15/2018	\$93,458
Abou Donia, Mohamed S.	AWD1005136	Contract	The Role of Microbiome-derived Small Molecules in the Treatment of Crohn's Disease	Janssen Research & Development, LLC	1/18/2017	6/30/2018	\$145,800
Hughson, Frederick McLaury	AWD1005190	Grant	Structural Analysis of Membrane Tethering and Fusion Proteins	NIH NIGMS	3/1/2017	2/28/2021	\$1,523,489
Enquist, Lynn William	AWD1005197	Grant	Spinal Cord - Techniques Training Grant 2017	NJ Commission on Spinal Cord Research	3/1/2017	2/28/2018	\$4,000
Ploss, Alexander	AWD1005240	Contract	Isolation, Microscopy, and Characterization of Malaria Liver Stages	Naval Medical Research Center	3/9/2017	3/9/2018	\$90,218
Devenport, Danelle	AWD1005207	Grant	Celsr1-mediated Planar Cell Polarity: Defining the Adhesive Interface and Mechanisms of Asymmetry	NIH NIAMS	4/1/2017	3/31/2020	\$176,906
Cristea, Ileana M.	AWD1005282	Grant	Gene Regulatory Networks for Cardiac Morphogenesis	Univ of No Carolina at Chapel Hill (NIH NHLBI)	4/1/2017	2/28/2019	\$372,679

**Molecular Biology (7)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kang, Yibin	AWD1005271	Contract	Princeton University Research and Technology Commercialization Project	New Jersey Health Foundation, Inc.	5/2/2017	4/30/2018	\$50,000
Murphy, Coleen T.	AWD1005142	Grant	2017 Genentech Foundation Summer Scholarship	Genentech, Inc.	6/1/2017	8/31/2017	\$18,000
Burdine, Rebecca D.	AWD1005308	Grant	Cilia Function in Spine Development and Disease	NIH NIAMS	6/1/2017	3/31/2022	\$2,086,769
Ploss, Alexander	AWD1005320	Contract	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute (NIH NIAID)	6/1/2017	5/31/2018	\$67,800
Schwarzbauer, Jean E.	AWD1005605	Grant	Integrated Technologies for Polymeric Biomaterials, RESBIO	Rutgers University - New Brunswick (NIH NIBIB)	6/1/2017	5/31/2018	\$137,220
Wilson, Maxwell Zane	AWD1005322	Grant	I-Corps: Photopharmacology	NSF - National Science Foundation	6/15/2017	11/30/2018	\$50,000
Enquist, Lynn William	AWD1005346	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	NIH NINDS	6/15/2017	4/30/2021	\$1,667,428
Cristea, Ileana M.	AWD1005245	Grant	Bridging Virology with Proteomics to Define Cell Immune Signaling Upon Infection	NIH NIGMS	7/1/2017	6/30/2019	\$88,568
Wieschaus, Eric Francis	AWD1005381	Grant	Graduate Program Support for Matthew Lefebvre	Howard Hughes Medical Institute	7/1/2017	6/30/2019	\$56,462
Wieschaus, Eric Francis	AWD1005382	Grant	Graduate Program Support for Shannon Keenan	Howard Hughes Medical Institute	7/1/2017	6/30/2019	\$136,340
Wieschaus, Eric Francis	AWD1005384	Grant	Graduate Program Support for Ping Wu	Howard Hughes Medical Institute	7/1/2017	6/30/2019	\$65,008
Wieschaus, Eric Francis	AWD1005385	Grant	Graduate Program Support for Po-Ta Chen	Howard Hughes Medical Institute	7/1/2017	6/30/2019	\$122,090
Enquist, Lynn William	AWD1005406	Grant	Center for Neuroanatomy with Neurotropic Viruses	University of Pittsburgh (NIH Office of the Director)	7/1/2017	6/30/2018	\$189,405
Cristea, Ileana M.	AWD1005518	Grant	Mathematical Modeling of Peroxisome Dynamics	Northeastern University (Burroughs Wellcome Company)	7/1/2017	1/31/2018	\$5,100
Enquist, Lynn William	AWD1005537	Grant	Anterograde Monosynaptic Tracing	Massachusetts Institute of Technology (NIH NIMH)	7/1/2017	6/30/2018	\$238,000
Cristea, Ileana M.	AWD1005446	Grant	Molecular Networks of Epicardial Formation and Function	Univ of No Carolina at Chapel Hill (NIH NHLBI)	7/15/2017	5/31/2022	\$156,610
Ploss, Alexander	AWD1005411	Contract	Characterization of Plasmodium Vivax Liver-stage Infection in Humanized Mice	Naval Medical Research Center (Department of Defense)	7/19/2017	7/18/2018	\$93,378
Shen, Minhong	AWD1005344	Grant	Targeting Metadherin to Reduce Breast Cancer Mortality	The Susan G. Komen Breast Cancer Fdn.	8/1/2017	7/31/2020	\$180,000

**Molecular Biology (8)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Gavis, Elizabeth Rose	AWD1005391	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	8/1/2017	6/30/2018	\$329,938
Bassler, Bonnie Lynn	AWD1005392	Grant	Quorum Sensing Control of Bacterial Biofilm Formation and Dispersal	NSF - National Science Foundation	8/1/2017	7/31/2020	\$610,000
Burdine, Rebecca D.	AWD1005437	Grant	Rapid Quantitative Analysis of Genomic Variants Underlying CHD RASopathies	NIH NICHD	8/1/2017	7/31/2019	\$263,500
Nelson, Celeste M.	AWD1005456	Grant	Mechanical Control of Smooth Muscle Differentiation During Mouse Lung Branching	NIH NHLBI	8/1/2017	7/31/2023	\$296,664
Abou Donia, Mohamed S.	AWD1005779	Grant	Endogenous Production of an Antidiabetic Drug by Yet-Uncultivated Members of the Human Microbiome	Pew Scholars Prog in the Biomedical Sci	8/1/2017	7/31/2022	\$300,000
Notterman, Daniel A.	AWD1005546	Grant	Epigenetic Mediation of Adverse Social Context on Stress Response, Socioemotional Development, and Health in a Population-based Study of Minority and Low SES Children and Adolescents	University of Michigan (NIH NIMHD)	8/16/2017	5/31/2022	\$2,313,836
Wingreen, Ned S.	AWD1005427	Grant	Cell-cell Interactions and the Development of Bacterial Communities	NIH NIGMS	9/1/2017	7/31/2021	\$1,429,461
Hughson, Frederick McLaury	AWD1005448	Grant	A Structural and Mechanistic Basis for COPI-Coated Vesicle Tethering by the Dsl1 Multisubunit Tethering Complex	NIH NIGMS	9/1/2017	8/31/2019	\$88,088
Wieschaus, Eric Francis	AWD1005450	Grant	Integration of Orthogonal Patterning Information is Necessary for Regulating form During Drosophila Body Axis Elongation: Towards an Understanding of How Genetic Fate Controls Embryonic Shape	NIH NICHD	9/1/2017	8/31/2019	\$88,088
Grimes, Daniel T.	AWD1005460	Grant	The Role of Cilia and Cerebrospinal Fluid Flow in Spine Development and Human Disease	NIH NIAMS	9/1/2017	8/31/2019	\$193,968
Cristea, Ileana M.	AWD1005548	Grant	Cardiac Interaction Networks as Determinants of Transcriptional Specificity	Univ of No Carolina at Chapel Hill (NIH NICHD)	9/1/2017	5/31/2019	\$528,538
Kang, Yibin	AWD1005487	Grant	The Role of Metadherin in Immune Evasion of Metastatic Breast Cancer	Breast Cancer Research Foundation	10/1/2017	9/30/2018	\$271,880
Ploss, Alexander	AWD1005733	Contract	Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccines	University of Minnesota (NIH NIAID)	1/1/2018	12/31/2018	\$64,220
Abou Donia, Mohamed S.	AWD1005772	Grant	Investigating the Impact of the Human Gut Microbiome on the Metabolism of Oral Chemotherapeutic Drugs	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$50,000

**Molecular Biology (9)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Schwarzbauer, Jean E.	AWD1005773	Grant	2018 Pre and Post Doctoral Cancer Research Fellowship Awards	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$50,000
Kang, Yibin	AWD1005774	Grant	Identification and Characterization of Novel Long Non-coding RNAs in TGFb Signaling and Breast Cancer Progression	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$100,000
Ploss, Alexander	AWD1005780	Grant	Characterizing the Molecular Determinants of Viral Hepatitis Induced Liver Cancer	NJ Commission on Cancer Research	1/1/2018	12/31/2019	\$50,000
Peng, Jia	AWD1005599	Grant	BC170839:The Role of Mesenchymal Stem Cells in Radioresistance of Breast Cancer Bone Metastasis	Department of Defense	1/15/2018	1/14/2021	\$485,998
Aiello, Nicole M.	AWD1005600	Grant	BC170055: Molecular Determinants of Normal and Malignant Mammary Stem Cell Function and Heterogeneity	Department of Defense	1/15/2018	1/14/2021	\$485,997
Ploss, Alexander	AWD1005609	Grant	Identification of Inhibitors of Hepatitis B and E Virus Infection	New Jersey Health Foundation, Inc.	1/16/2018	1/15/2019	\$50,000
Perdomo, Maria Catalina	AWD1005789	Contract	Developing in Vitro Systems of Lung Squamous Carcinoma for Drug Discovery	Trustees of Boston Univ, Medical Campus (Janssen Research & Development, LLC)	1/22/2018	1/21/2021	\$308,065
Gavis, Elizabeth Rose	AWD1005663	Grant	Mechanisms of mRNA Localization and Translational Control in Drosophila Development	NIH NIGMS	4/1/2018	3/31/2023	\$3,044,591
Schedl, Paul Daniel	AWD1005672	Grant	Genetic Regulatory Mechanism in Development and Differentiation	NIH NIGMS	4/1/2018	3/31/2023	\$3,005,264
Toettcher, Jared E.	AWD1005684	Grant	Signal Processing in the Erk Pathway: Dynamics, Decisions, and Development	NSF - National Science Foundation	4/15/2018	3/31/2023	\$1,308,263
Schwarzbauer, Jean E.	AWD1005736	Grant	Fibronectin-Dependent Mechanisms Governing the Assembly of a Definitive Extracellular Matrix	NIH NIAMS	5/1/2018	4/30/2023	\$1,727,465
Murphy, Coleen T.	AWD1005598	Grant	2018 Genentech Foundation Summer Scholarship	Genentech, Inc.	6/1/2018	8/31/2018	\$18,000
Toettcher, Jared E.	AWD1005749	Grant	Extracellular Optogenetic Control in the Study of Epithelial Collective Cell Signaling	NIH NIGMS	6/1/2018	5/31/2020	\$117,692



ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Heller, Wendy	AWD1005560	Grant	The Orpheus Project: Opera, Scholarship, and Puppets	Gladys Kriebel Delmas Foundation	9/15/2017	5/1/2018	\$20,500

**Near Eastern Studies / Program**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rustow, Marina	AWD1004749	Grant	The Cairo Geniza as a Source for the History of Institutions and Documentary Practices in the MedievalMiddle East	National Endowment for the Humanities	7/1/2015	9/30/2017	\$211,569
Haykel, Bernard A.	AWD1005239	Grant	More than 205-Year History of Wahhabism	Smith Richardson Foundation, Inc.	4/1/2017	3/31/2018	\$7,500
Haykel, Bernard A.	AWD1004199	Grant	2014-2018 Princeton University National Resource Center and Foreign Language and Area Studies Fellowships Program	U.S. Department of Education	8/15/2014	8/14/2018	\$800,000

**Operations Research and Financial Engineering**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Powell, Warren Buckler	CNV1000104	Cooperative Agreement	Modeling Technologies for Dynamic Resource Management in Truckload Trucking	Schneider National, Inc.	8/1/2002	12/31/2017	\$1,078,723
Fan, Jianqing	CNV1001838	Grant	Statistical Inferences for Massive Data	NSF - National Science Foundation	6/1/2012	5/31/2018	\$600,000
van Handel, Ramon	CNV1001743	Grant	CAREER: Conditional Theory of Large-Scale Stochastic Systems	NSF - National Science Foundation	7/1/2012	6/30/2019	\$400,000
Liu, Han	CNV1002976	Grant	Large-Scale Semiparametric Graphical Models with Applications to Neuroscience	NIH NIMH	2/1/2014	8/31/2017	\$1,227,168
van Handel, Ramon	CNV1002977	Grant	PECASE: Complex Phenomena in Stochastic Filtering	Army Research Office	2/12/2014	2/11/2019	\$1,000,000
Fan, Jianqing	CNV1003076	Grant	Statistical Methods for Ultrahigh-dimensional Biomedical Data	NIH NIGMS	4/1/2014	1/31/2018	\$1,160,138
Fan, Jianqing	AWD1004038	Grant	Collaborative Research: Interface of Probability and Statistics for High-dimensional Inference	NSF - National Science Foundation	8/1/2014	7/31/2018	\$400,000
Liu, Han	AWD1004097	Grant	RI: Medium: Collaborative Research: Next-Generation Statistical Optimization Methods for Big Data Computing	NSF - National Science Foundation	8/15/2014	7/31/2018	\$500,000
Massey, William Alfred	AWD1004054	Grant	Collaborative Research: Risk Management and Control of Dynamic Rate Queues for Healthcare and Transportation Services	NSF - National Science Foundation	9/1/2014	8/31/2018	\$200,000
Ahmadi, Amir Ali	CNV1003257	Grant	Scalable Algorithms with Formal Guarantees for Lyapunov Analysis of Control Systems via Algebraic Optimization	Air Force Office of Scientific Research	9/1/2014	8/31/2017	\$358,669
Powell, Warren Buckler	AWD1004201	Contract	Interactive Optimization of Dynamic, Multiattribute, Multilayered Resource Scheduling Problems using Informational Decomposition	YRC Worldwide Inc.	9/15/2014	9/14/2020	\$2,716,485
Liu, Han	AWD1004306	Grant	CAREER: An Integrated Inferential Framework for Big Data Research and Education	NSF - National Science Foundation	7/1/2015	6/30/2020	\$400,000
Shkolnikov, Mykhaylo	AWD1004426	Grant	Investigation of Interacting Particle Systems by Stochastic Analysis Methods	NSF - National Science Foundation	7/1/2015	6/30/2018	\$173,571
Liu, Han	AWD1004578	Grant	BIGDATA: Collaborative Research: F: Representation Learning for BIGDATA	NSF - National Science Foundation	9/1/2015	8/31/2019	\$400,810
Powell, Warren Buckler	AWD1004579	Grant	Parametric Cost Function Approximations for Robust Energy Systems Planning	NSF - National Science Foundation	9/1/2015	8/31/2018	\$250,000
Carmona, Rene A.	AWD1004624	Grant	Robust Methods in Mathematical Finance	NSF - National Science Foundation	9/15/2015	8/31/2018	\$237,220

**Operations Research and Financial Engineering (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Powell, Warren Buckler	AWD1004677	Grant	Optimal Learning for Efficient Experimentation in Nanotechnology and Biochemistry	Air Force Office of Scientific Research	11/15/2015	11/14/2017	\$1,060,662
Powell, Warren Buckler	AWD1004699	Grant	Collaborative Research: CompSustNet: Expanding the Horizons of Computational Sustainability	NSF - National Science Foundation	12/15/2015	11/30/2020	\$350,000
Vanderbei, Robert Joseph	AWD1004709	Grant	Efficient Optimization via Sparsification with Applications to Fast Fourier Optimization, Compressive Sensing, and other Machine-Learning Problems	Office of Naval Research	2/1/2016	1/31/2019	\$594,257
Ahmadi, Amir Ali	AWD1004714	Grant	CAREER: Polynomial Optimization and Dynamical Systems	NSF - National Science Foundation	2/1/2016	1/31/2021	\$500,000
Wang, Mengdi	AWD1004977	Grant	Closing the Duality Gap: Decomposition of High-Dimensional Nonconvex Optimization	NSF - National Science Foundation	9/1/2016	8/31/2019	\$200,000
Powell, Warren Buckler	AWD1005090	Cooperative Agreement	Adaptive Decision Making Using Probabilistic Programming and Stochastic Optimization.	Carnegie Mellon University (Defense Advanced Research Projects Agency)	11/1/2016	8/1/2017	\$112,523
Wang, Mengdi	AWD1005141	Grant	CAREER: Stochastic Nested Composition Optimization: Theory and Algorithms	NSF - National Science Foundation	2/1/2017	1/31/2022	\$500,000
Powell, Warren Buckler	AWD1005171	Contract	Optimal Learning of Dynamic Ad-Click Response Rates	Wizard Forms (RoomSage)	2/1/2017	12/31/2018	\$205,000
Fan, Jianqing	AWD1005521	Grant	Collaborative Research: Statistical Methods for RNA-seq Based Transcriptomic Analysis of Macrophage Function in Spinal Cord Injury.	NSF - National Science Foundation	7/1/2017	6/30/2021	\$800,000
Fan, Jianqing	AWD1005361	Grant	Robust and Distributed Statistical Learning from Big Data	NSF - National Science Foundation	7/15/2017	6/30/2022	\$600,000
Carmona, Rene A.	AWD1005433	Grant	Equilibria in Large Populations: Asymmetric Mean Field Games and Optimal Control	NSF - National Science Foundation	8/1/2017	7/31/2020	\$312,000
Ahmadi, Amir Ali	AWD1005431	Grant	Exploiting Geometry in the Design of Scalable Algebraic Relaxations for Nonconvex Polynomial Optimization	Defense Advanced Research Projects Agency	8/14/2017	8/14/2019	\$1,000,000
Sircar, Kaushik Ronnie	AWD1005444	Grant	AMPS:Collaborative Research: Stochastic Modeling of the Power Grid	NSF - National Science Foundation	9/1/2017	8/31/2020	\$110,000
Ahmadi, Amir Ali	AWD1005272	Grant	Alfred P. Sloan Research Fellowship for Amir Ali Ahmadi	Alfred P. Sloan Foundation	9/15/2017	9/14/2019	\$60,000
Carmona, Rene A.	AWD1005491	Grant	Mean Field Games on Graphs	Army Research Office	9/25/2017	12/24/2018	\$420,000

**Operations Research and Financial Engineering (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Powell, Warren Buckler	AWD1005504	Contract	Rapid Prototyp of Sequential Decision Policies using Monte Carlo Tree Search	Lockheed Martin Corporation	10/1/2017	11/30/2018	\$70,000
Powell, Warren Buckler	AWD1005791	Contract	Stochastic Optimization for the Industrial Gas Business	Air Liquide	1/1/2018	12/31/2019	\$371,834
Kpotufe, Samory K.	AWD1005603	Contract	Efficient Pattern Recognition in Medical Claims Data	ODH, Inc.	1/12/2018	1/11/2020	\$256,894
Fan, Jianqing	AWD1005612	Grant	Statistical Methods for Ultrahigh-Dimensional Biomedical Data	NIH NIGMS	2/1/2018	1/31/2022	\$1,222,354
Mulvey, John Michael	AWD1005700	Contract	EDHEC - Princeton Goal-based Indices	EDHEC-Risk Institute	2/1/2018	1/31/2020	\$50,000
Massey, William Alfred	AWD1005678	Grant	The Conference for African American Researchers in the Mathematical Sciences (CAARMS)	National Security Agency	3/29/2018	3/28/2019	\$20,000

**Papers of Thomas Jefferson**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McClure, James Patrick	AWD1005697	Grant	The Papers of Thomas Jefferson	Ntl Historical Pubs. and Records Comm	1/1/2018	6/30/2019	\$132,516

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Leslie, Sarah-Jane	AWD1004710	Grant	SBP: The Roots of Female Underrepresentation in STEM and Beyond: Exploring the Development of Gender Stereotypes about Intelligence	University of IL at Urbana-Champaign (NSF - National Science Foundation)	8/15/2015	7/31/2019	\$113,931
Leslie, Sarah-Jane	AWD1004864	Grant	The Linguistic Transmission of Maladaptive Beliefs	New York University (NIH NICHD)	4/15/2016	3/31/2021	\$165,176
Leslie, Sarah-Jane	AWD1005273	Grant	SBP: The Roots of Female Underrepresentation in STEM and Beyond: Exploring the Development of Gender Stereotypes about Intelligence	New York University (NSF - National Science Foundation)	8/15/2016	7/31/2019	\$87,007

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Tully, Christopher George	CNV1000108	Contract	US CMS Hadron Calorimeter Subsystem	Fermi National Accelerator Laboratory (DOE - Washington)	10/1/2002	12/31/2018	\$849,866
Hasan, MD Zahid	CNV1000215	Grant	Synchrotron X-ray Based Electronic Structure Study of Correlated Quantum Materials and Topological Insulators	DOE - Chicago	5/1/2005	10/31/2018	\$3,738,949
Yazdani, Ali	CNV1000384	Grant	Probing Correlated Superconductors and their Phase Transitions on the Nanometer Scale	DOE - Washington	8/1/2007	7/31/2019	\$3,100,000
Tully, Christopher George	CNV1000470	Contract	US CMS Upgrade R&D M&O Subsystem for FY 2008 - Magnetic Testing	Fermi National Accelerator Laboratory (DOE - Washington)	10/1/2007	12/31/2018	\$383,559
Petta, Jason R.	CNV1000629	Grant	Packard Fellowship - Quantum Mechanical Phenomena in Nanometer Scale Systems	The David and Lucile Packard Foundation	10/15/2008	10/15/2017	\$875,000
Jones, William Claude	CNV1001264	Grant	David and Lucille Packard Foundation - 2010	The David and Lucile Packard Foundation	10/15/2010	10/14/2017	\$875,000
Bernevig, Bogdan Andrei	CNV1001590	Grant	Emergent Topological Phases of Matter	The David and Lucile Packard Foundation	10/14/2011	10/31/2020	\$875,000
Jones, William Claude	CNV1001829	Grant	Spider: Probing Inflation with a Large Angular Scale Millimeter-wave Polarimeter	NASA Headquarters - Washington	5/15/2012	5/14/2018	\$7,386,995
Marlow, Daniel Robert	CNV1001914	Grant	High Energy Physics	DOE - Chicago	6/1/2012	3/31/2021	\$16,381,000
Pretorius, Frans	CNV1001974	Grant	Simons Investigator	The Simons Foundation	8/1/2012	7/31/2022	\$1,320,000
McDonald, Kirk T.	CNV1002609	Contract	Cathode Plane Assembly (CPA) Design for the LBNE Time Projection Chamber (TPC)	Brookhaven National Laboratory (DOE - Chicago)	1/1/2013	9/30/2017	\$457,376
Meyers, Peter Daniel	CNV1002613	Contract	DarkSide-50 DOE Commissioning/Operations	Fermi National Accelerator Laboratory (DOE - Chicago)	4/1/2013	9/30/2018	\$205,000
Romalis, Michael V.	CNV1002614	Grant	Low Drift Nuclear Spin Gyro and Magnetic-Optical Accelerometer	Air Force Research Laboratory (WPAFB)	4/1/2013	10/31/2017	\$1,936,954
Yazdani, Ali	CNV1002618	Grant	Atomic Scale Engineering of Majorana Fermions in Chains of Magnetic Atoms on Superconductors	Office of Naval Research	7/15/2013	7/14/2017	\$518,783
Lieb, Elliott H.	CNV1002626	Grant	The Quantum Mechanical Many-body Problem and Statistical Mechanics	NSF - National Science Foundation	9/1/2013	8/31/2018	\$465,000
Sondhi, Shivaji Lal	CNV1002624	Grant	Studies of Topological Order and Real Time Dynamics	NSF - National Science Foundation	10/1/2013	9/30/2017	\$276,000
Tully, Christopher George	CNV1003083	Contract	LHC CMS Detector Upgrade HCAL Subsystem for Year 2014	Fermi National Accelerator Laboratory (DOE - Washington)	10/1/2013	12/31/2017	\$110,813



**Physics (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Galbiati, Cristiano	CNV1003209	Grant	Collaborative Research:Direct Search for Dark Matter with Underground Argon at LNGS	NSF - National Science Foundation	6/15/2014	5/31/2019	\$3,163,950
Pufu, Silviu Stefan	CNV1003239	Grant	Quantum Field Theory and String Theory	NSF - National Science Foundation	7/1/2014	6/30/2018	\$150,000
Petta, Jason R.	AWD1004051	Grant	Photon-emission from a Cavity-coupled Quantum Dot	NSF - National Science Foundation	8/1/2014	7/31/2018	\$420,000
Romalis, Michael V.	AWD1004123	Grant	Precision Measurements with Nuclear Spins	NSF - National Science Foundation	9/1/2014	8/31/2018	\$480,303
Staggs, Suzanne Therese	AWD1004164	Grant	Advanced ACTPol	NSF - National Science Foundation	9/15/2014	8/31/2019	\$11,970,827
Romalis, Michael V.	AWD1004287	Contract	A Universal, Low-Cost Atomic Magnetometer	Twinleaf LLC (Department of Defense)	10/1/2014	12/31/2017	\$559,818
Ong, Nai Phuan	AWD1004230	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - ONG	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,807,264
Yazdani, Ali	AWD1004232	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - YAZDANI	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,809,266
Petta, Jason R.	AWD1004238	Grant	Gordon and Betty Moore Foundation EQiPS Investigator - PETTA	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,804,624
Hasan, MD Zahid	AWD1004239	Grant	Gordon and Betty Moore Foundation EQiQS Investigator - HASAN	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,981,213
Austin, Robert Hamilton	AWD1004309	Grant	Travel Support Request for Institute for Advanced Study Workshop on Physics Approach to Simplifying Complexity in Biology	NSF - National Science Foundation	3/15/2015	2/28/2019	\$36,000
Elmer, G. J. Peter	AWD1004396	Grant	Collaborative Research: SI2-SSI: Data-Intensive Analysis for High Energy Physics (DIANA/HEP)	NSF - National Science Foundation	5/1/2015	4/30/2019	\$1,145,564
Petta, Jason R.	AWD1004360	Grant	SSQIP - Scalable Silicon-Based Quantum Information Processing	Army Research Office	6/1/2015	5/31/2019	\$7,490,254
Romalis, Michael V.	AWD1004395	Contract	Pulsed Scalar Atomic Magnetometer	Government of Israel Ministry of Defense (Defense Security Cooperation Agency)	7/1/2015	6/30/2019	\$600,000
Wang, Yan Mei	AWD1004647	Grant	Flagellar Membrane Signaling Protein Transport Mechanisms: A Single-Molecule Study	NSF - National Science Foundation	7/1/2015	2/28/2018	\$377,494
Galbiati, Cristiano	AWD1004481	Contract	Construction and Operation of Urania-2020 LNGS Low-Radioactivity Techniques at the Greater Service of Society	Istituto Nazionale Di Fisica Nucleare	7/6/2015	7/5/2017	\$5,464,721

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Elmer, G. J. Peter	AWD1004519	Grant	Collaborative Research: Particle Tracking at High Luminosity on Heterogeneous, Parallel Processor Architectures	NSF - National Science Foundation	8/1/2015	7/31/2019	\$494,529
Staggs, Suzanne Therese	AWD1004527	Grant	Developing Advanced Broadband Microwave Detectors for Next-Generation CMB Polarization Studies (Kevin Crowley)	NASA Headquarters - Washington	8/1/2015	7/31/2019	\$222,000
Calaprice, Frank Paul	AWD1004716	Grant	CNO Solar Neutrinos with Borexino - A Quest for Ultra-Low Background	NSF - National Science Foundation	8/15/2015	7/31/2019	\$1,323,000
Hasan, MD Zahid	AWD1004521	Grant	Electronic Structure of Unconventional Spin-Orbit Materials	NSF - National Science Foundation	9/1/2015	8/31/2018	\$393,216
Tully, Christopher George	AWD1004544	Grant	PTOLEMY	The Simons Foundation	9/1/2015	8/31/2021	\$1,000,000
Puchalla, Jason L.	AWD1004703	Grant	Molecular Mechanism of Vesicle Membrane Scission	Texas A&M University (NIH NIGMS)	9/1/2015	8/31/2019	\$203,093
Calaprice, Frank Paul	AWD1004719	Grant	SABRE R&D: Investigating Radio-Pure Sodium Iodide	NSF - National Science Foundation	9/1/2015	8/31/2017	\$191,558
Shaevitz, Joshua William	AWD1004605	Grant	Collaborative Research: PoLS Student Research Network	NSF - National Science Foundation	10/1/2015	9/30/2020	\$1,000,000
Meyers, Peter Daniel	AWD1004809	Contract	R & D Toward Large LAR TPCs for Direct WIMP Searches	Fermi National Accelerator Laboratory (DOE - Chicago)	1/4/2016	12/31/2017	\$250,000
Petta, Jason R.	AWD1004720	Contract	Defect-Tolerant Reconfigurable Gate Architecture for Cavity-Coupled Silicon/Silicon Germanium Quantum Dots	HRL Laboratories, LLC (Department of Defense)	1/5/2016	12/31/2020	\$1,443,486
Romalis, Michael V.	AWD1004721	Contract	Proposal for Development of Multi-Pass RF Atomic Magnetometers	Chemring Sensors & Electronic Systems	1/6/2016	1/9/2018	\$270,460
Callan Jr., Curtis Gove	AWD1004722	Grant	Liberating the Immunologic Response to Pancreatic Cancer	The V Foundation for Cancer Research (Stand up to Cancer)	2/1/2016	12/31/2018	\$174,698
Jones, William Claude	AWD1004787	Grant	SuperBIT: Wide-field, Sub-arcsecond Imaging from the Super-Pressure Balloon Platform	NASA Headquarters - Washington	2/24/2016	2/23/2021	\$1,734,443
Tully, Christopher George	AWD1004786	Grant	The Universe at One Second After the Big Bang	The John Templeton Foundation	3/1/2016	2/28/2019	\$341,495
McDonald, Kirk T.	AWD1004876	Grant	Detectors with Fast Timing via Electron Multiplication in Silicon and Gases	DOE - Chicago	5/1/2016	3/31/2019	\$100,000
Callan Jr., Curtis Gove	AWD1005132	Grant	Liberating the Immunologic Response to Pancreatic Cancer	University of Pennsylvania (Stand up to Cancer)	6/1/2016	5/31/2018	\$49,688

**Physics (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bakr, Waseem S.	AWD1004878	Grant	(YIP) Single-Atom Microscopy of Dipolar Fermi Gases	Air Force Office of Scientific Research	6/15/2016	6/14/2019	\$360,000
Callan Jr., Curtis Gove	AWD1004913	Grant	Liberating T-Cell Mediated Immunity to Pancreatic Cancer	University of Pennsylvania (NSF - National Science Foundation)	6/15/2016	5/31/2018	\$187,287
Pretorius, Frans	AWD1004887	Grant	Dynamical, Strong-Field Gravity	NSF - National Science Foundation	7/1/2016	6/30/2019	\$480,000
Elmer, G. J. Peter	AWD1004917	Grant	Collaborative Research: S2I2: Cncp: Conceptualization of an S2I2 Institute for High Energy Physics	NSF - National Science Foundation	7/1/2016	6/30/2018	\$95,036
Bernevig, Bogdan Andrei	AWD1004835	Grant	The 2016 Simons Foundation Investigators in Mathematics, Physics and Theoretical Computer Science program	The Simons Foundation	8/1/2016	7/31/2021	\$660,000
Bernevig, Bogdan Andrei	AWD1004957	Grant	Eager: Topological Semimetals, Insulators and Supersymmetry	NSF - National Science Foundation	8/15/2016	7/31/2019	\$300,000
Yazdani, Ali	AWD1004981	Grant	Probing Exotic Quasiparticles in Weyl Materials	NSF - National Science Foundation	8/15/2016	7/31/2019	\$400,000
Giombi, Simone	AWD1005007	Grant	Non-perturbative Aspects of Quantum Field Theory and Gravity	NSF - National Science Foundation	8/15/2016	7/31/2019	\$210,000
Austin, Robert Hamilton	AWD1005276	Grant	The Johns Hopkins Physical Sciences-Oncology Center	The Johns Hopkins University (NIH NCI)	8/29/2016	7/31/2018	\$20,007
Bakr, Waseem S.	AWD1004817	Grant	Atom-resolved Microscopy of Exotic Superfluids in Spin-imbalanced Fermi Gases	NSF - National Science Foundation	9/1/2016	8/31/2019	\$476,555
Sondhi, Shivaji Lal	AWD1004963	Grant	Entanglement and Dynamics in Condensed Matter and High Energy Physics	DOE - Chicago	9/1/2016	8/31/2018	\$260,000
Pufu, Silviu Stefan	AWD1004973	Grant	Simons Collaboration on the Non-Perturbative Bootstrap	The Simons Foundation	9/1/2016	8/31/2020	\$524,635
Staggs, Suzanne Therese	AWD1004983	Grant	The Simons Observatory	University of California at San Diego (The Simons Foundation)	9/1/2016	8/31/2021	\$3,592,220
Callan Jr., Curtis Gove	AWD1004984	Grant	Theoretical Physics of Biological Systems	NSF - National Science Foundation	9/1/2016	8/31/2019	\$900,000
Klebanov, Igor R.	AWD1004986	Grant	Theoretical Physics	NSF - National Science Foundation	9/1/2016	8/31/2019	\$840,000
Paschalidis, Vasileios	AWD1004997	Grant	Studies of Gamma-ray Burst Engines in full General Relativity	NASA Headquarters - Washington	9/1/2016	8/31/2017	\$45,000
Bernevig, Bogdan Andrei	AWD1005013	Grant	New Topological Frontier	DOE - Chicago	9/1/2016	5/31/2019	\$445,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Lisanti, Mariangela	AWD1004873	Grant	Alfred P. Sloan Research Fellow - Mariangela Lisanti	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Calaprice, Frank Paul	AWD1005015	Grant	Development of High-Purity NaI(Tl) Crystals for the SABRE Dark Matter Experiment	NSF - National Science Foundation	9/15/2016	8/31/2018	\$319,778
Tully, Christopher George	AWD1005060	Grant	Barrel Timing Layer	Universities Research Association, Inc.	10/1/2016	4/30/2018	\$2,400
Bakr, Waseem S.	AWD1005078	Grant	The David and Lucille Packard Foundation Fellowships for Science and Engineering	The David and Lucile Packard Foundation	11/15/2016	11/14/2021	\$875,000
Jones, William Claude	AWD1005100	Grant	Spider: Probing the Early Universe with a Large-Scale CMB Polarization Survey	NASA Headquarters - Washington	1/1/2017	12/31/2019	\$3,682,831
Marlow, Daniel Robert	AWD1005175	Grant	PARENT: U.S. CMS Operations at the LHC	NSF - National Science Foundation	1/1/2017	12/31/2021	\$54,749,942
Calaprice, Frank Paul	AWD1005329	Grant	LE17 - Full Scale Detector System for the First Australian Dark Matter Experiment	University of Melbourne (Australian Research Council)	1/1/2017	12/31/2017	\$0
Marlow, Daniel Robert	AWD1005342	Contract	High Luminosity (HL) LHC CMS Detector Upgrade Project - Outer Tracker	Fermi National Accelerator Laboratory (DOE - Chicago)	1/1/2017	4/1/2019	\$125,387
Romalis, Michael V.	AWD1005172	Grant	Nuclear Spin Gyroscope using Neon-21 Atoms	Office of Naval Research	3/1/2017	2/28/2019	\$473,194
Lisanti, Mariangela	AWD1005208	Grant	Confronting the Dark Matter Paradigm: New Approaches for Direct and Indirect Detection	Research Corporation	7/1/2017	6/30/2020	\$100,000
Pretorius, Frans	AWD1005474	Grant	Senior Fellow of the Canadian Institute for Advanced Research	Canadian Institute for Advanced Research	7/1/2017	6/30/2019	\$30,000
Calaprice, Frank Paul	AWD1005492	Contract	Stawell Underground Physics Laboratory: Dark Matter Detector Development	The Australian National University (Australian Research Council)	7/1/2017	8/31/2020	\$0
Gubser, Steven S.	AWD1005304	Grant	2017 Simons Young Investigators in Theoretical Physics	The Simons Foundation	8/1/2017	7/31/2022	\$660,000
Austin, Robert Hamilton	AWD1005418	Grant	EAGER: Evolution Game Theory Modeling of Tumor Dormancy	NSF - National Science Foundation	8/1/2017	7/31/2019	\$300,000
Yazdani, Ali	AWD1005394	Grant	Majoranas in Atomic Spin Chains	Office of Naval Research	9/1/2017	8/31/2020	\$553,881
Steinhardt, Paul Joseph	AWD1005426	Grant	Cosmological Bounces and Bouncing Cosmologies	The Simons Foundation	9/1/2017	8/31/2021	\$730,335
Ong, Nai Phuan	AWD1005430	Grant	Workshop: Exploring Quantum Phenomena and Quantum Matter in Ultrahigh Magnetic Fields	NSF - National Science Foundation	9/1/2017	8/31/2019	\$75,685

**Physics (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Romalis, Michael V.	AWD1005485	Contract	Robust Interference Rejection in the NQR Detection of Explosives: the Next Generation Atomic Magnetometer and Magnetometer Array Design.	George Mason University (MTEQ)	9/1/2017	8/31/2019	\$203,067
Pufu, Silviu Stefan	AWD1005291	Grant	Alfred P. Sloan Research Fellowship for Silviu Pufu	Alfred P. Sloan Foundation	9/15/2017	9/14/2019	\$60,000
Bialek, William	AWD1005493	Cooperative Agreement	PFC: Center for the Physics of Biological Function	NSF - National Science Foundation	10/1/2017	9/30/2022	\$13,000,000
Jones, William Claude	AWD1005538	Contract	Dual Color Antenna-coupled Bolometers for Control of Galactic Synchrotron and Dust Foregrounds in CMB Polarimetry	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	10/25/2017	9/30/2018	\$43,000
Ojalvo, Isobel Rose	AWD1005604	Contract	Phase II level 1 Trigger Algorithm Development, LHC Physics Center, LPC Distinguished Researcher Program 2018	Fermi National Accelerator Laboratory (DOE - Chicago)	1/1/2018	12/31/2018	\$57,985
Zaletel, Michael P.	AWD1005724	Contract	Topological and Correlated Matter via Tensor Networks and Quantum Monte Carlo	SLAC National Accelerator Laboratory (DOE - Washington)	2/1/2018	9/14/2021	\$127,169
Romalis, Michael V.	AWD1005675	Contract	Pulsed Scalar Intrinsic Magnetic Atomic Gradiometer	SRI International (Defense Advanced Research Projects Agency)	2/27/2018	9/18/2021	\$1,208,902

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
George, Robert Peter	CNV1000829	Grant	James Madison Program	Fidelity Charitable Gift Fund	7/1/2009	8/31/2018	\$156,075
Jamal, Amaney Ahmad	CNV1002981	Grant	Collaborative Research: Experimental Research on Religious Scripture and Political Behavior in the Muslim World	NSF - National Science Foundation	2/1/2014	1/31/2019	\$324,692
George, Robert Peter	CNV1003044	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	8/1/2014	8/31/2017	\$450,000
Imai, Kosuke	AWD1004774	Grant	Unemployment and Violence in Afghanistan: Evidence from the Community Development Program	Yale University (U.S. Agnc for International Development)	10/1/2015	9/30/2017	\$129,762
Scheppele, Kim Lane	AWD1004858	Grant	"Doctoral Dissertation Research: Translating Rules and the Rule of Law into Local Practices"	NSF - National Science Foundation	9/1/2016	8/31/2018	\$25,194
Imai, Kosuke	AWD1004922	Grant	Collaborative Conference Proposal: Support for Conferences and Mentoring of Women and Underrepresented Groups in Political Methodology	NSF - National Science Foundation	9/1/2016	8/31/2019	\$367,722
George, Robert Peter	AWD1005031	Grant	James Madison Program in American Ideals and Institutions	Donner Canadian Foundation	9/1/2016	8/31/2017	\$14,563
Jamal, Amaney Ahmad	AWD1005242	Grant	Doctoral Dissertation Research: Cross-National Research on Protest, Social Policy, and Political Regimes	NSF - National Science Foundation	4/1/2017	3/31/2018	\$18,900
George, Robert Peter	AWD1005275	Grant	FY17-18 General Operating Support for the James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	4/5/2017	4/4/2018	\$75,000
Jamal, Amaney Ahmad	AWD1005400	Grant	Developing the Arab Barometer in the Arab Gulf States	Qatar University (Qatar National Research Fund)	7/1/2017	2/9/2020	\$81,811
George, Robert Peter	AWD1005110	Grant	FY2018-2020 Postdoctoral Fellows for the James Madison Program in American Ideals and Institutions	The Thomas W. Smith Foundation	9/1/2017	8/31/2020	\$480,000
Jamal, Amaney Ahmad	AWD1005509	Grant	Assessing Public Engagement in the Arab World: The Fifth Wave of the Arab Barometer	U.S. Department of State	10/1/2017	9/30/2019	\$1,999,788
Johnson, Benjamin Bryant	AWD1005520	Grant	Ideology and Agenda Setting in the U.S. Supreme Court	Charles Koch Foundation	10/1/2017	9/30/2018	\$5,000
Jamal, Amaney Ahmad	AWD1005853	Contract	Understanding Marginalized Communities in the Arab World through Social Science Research: Gaining Insight, Enhancing Capacity, Building Collaborations, Contributing to Solutions	University of Michigan (Carnegie Corporation of New York)	1/1/2018	12/31/2019	\$313,178

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jamal, Amaney Ahmad	AWD1005645	Grant	Coup-Proofing Democracy: Egypt and Tunisia in Comparative Perspective	Smith Richardson Foundation, Inc.	3/15/2018	3/15/2019	\$7,500
Jamal, Amaney Ahmad	AWD1005681	Grant	Religion and Compromise: Experimental Evidence from Tunisia	University of Notre Dame (Templeton Religion Trust)	4/1/2018	5/15/2019	\$12,000
George, Robert Peter	AWD1005726	Grant	FY18-19 General Operating Support for the James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	5/14/2018	5/13/2019	\$100,000

**Princeton Environmental Institute (PEI)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Pacala, Stephen Wilson	CNV1000015	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	10/1/2000	12/31/2020	\$31,702,430
Hedin, Lars O.	CNV1002691	Contract	Controls Regulating Biological Nitrogen Fixation in Longleaf Pine Ecosystems: The Role of Fire and Military Training	University of Georgia (Department of Defense)	4/19/2013	4/18/2018	\$116,972
Grenfell, Bryan T.	CNV1002687	Grant	Application of Epidemiological Models to Guide and Evaluate Control of Vaccine-preventable Infections	Bill & Melinda Gates Foundation	7/10/2013	12/31/2018	\$1,304,663
Sarmiento, Jorge Louis	AWD1004066	Grant	Southern Ocean Carbon and Climate Observations and Modeling SOCCOM	NSF - National Science Foundation	9/1/2014	8/31/2020	\$20,983,625
Caylor, Kelly K.	AWD1004070	Grant	WSC-Category 2 Collaborative: Impacts of Agricultural Decision Making and Adaptive Management on Food Security in Africa	NSF - National Science Foundation	9/1/2014	8/31/2019	\$1,929,565
Estes, Lyndon Despard	AWD1004303	Grant	Integrating Crowdsourcing, in Situ Sensing, and Spaceborne Observation to Understand the Sustainability of Smallholder Agriculture in African Wet Savannas	NASA Headquarters - Washington	1/1/2015	8/31/2017	\$157,075
Metcalf, Charlotte Jessica Eland	AWD1004464	Grant	Seasonal Drivers of Human Movement and Aggregation in aChanging Climate: Consequences for Infectious Disease Dynamicsand Control	The Wellcome Trust	7/1/2015	6/30/2018	\$799,618
Bou Zeid, Elie R.	AWD1004547	Cooperative Agreement	Urban Water Innovation Network (U-WIN)	Colorado State University (NSF - National Science Foundation)	8/1/2015	7/31/2020	\$1,149,345
Bourg, Ian Charles	AWD1004635	Contract	Center for Nanoscale Controls on Geologic CO2 (NCGC)	Lawrence Berkeley National Laboratory (DOE - Washington)	10/1/2015	1/31/2019	\$612,500
Pacala, Stephen Wilson	AWD1004506	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	1/1/2016	12/31/2020	\$11,550,000
Morel-Kraepiel, Anne M.	AWD1004896	Grant	Alternative Nitrogenases: How Much Do They Contribute to N2 Fixation and Why?	NSF - National Science Foundation	7/1/2016	6/30/2019	\$357,768
Resplandy, Laure	AWD1005419	Grant	Mechanisms Controlling Mesoscale and Submesoscale Hotspots in Net Community Production/export, with Simulation-based Studies on How to Sample Them	Woods Hole Oceanographic Institute (NASA HQ - Washington)	8/25/2016	8/24/2019	\$83,553
Rubenstein, Daniel Ian	AWD1004943	Grant	NatureNet Science Fellows Program	The Nature Conservancy	9/1/2016	8/31/2018	\$92,000



**Princeton Environmental Institute (PEI) (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Morel, Francois M. M.	AWD1005150	Grant	Iron Uptake by Marine Bacteria: Regulation and Function of Weak and Strong Siderophores	NSF - National Science Foundation	2/1/2017	1/31/2020	\$494,988
Estes, Lyndon Despard	AWD1005277	Grant	WSC-Category 2 Collaborative: Impacts of Agricultural Decision Making and Adaptive Management on Food Security in Africa	University of CA at Santa Barbara (NSF - National Science Foundation)	2/1/2017	8/31/2017	\$128,662
Laxminarayan, Ramanan	AWD1005412	Grant	UHC Planning Grant - Network Neuroscience	James S. McDonnell Foundation	9/1/2017	8/31/2018	\$48,000
Zhang, Xinning	AWD1005483	Grant	16-EXO16_20088, What Controls the Nitrogen Isotope Fractionation of N2 Fixation?	NASA Headquarters - Washington	9/1/2017	8/31/2020	\$512,478
Resplandy, Laure	AWD1005540	Grant	Elucidating Spatial and Temporal Variability in the Export and Attenuation of Ocean Primary Production using Thorium-234	Woods Hole Oceanographic Institute (NASA HQ - Washington)	9/1/2017	8/31/2020	\$177,051
Resplandy, Laure	AWD1005706	Grant	Ocean Processes Controlling Carbon Fluxes During ENSO Constrained by OCO-2 and Oxvaen Measurements	NASA Headquarters - Washington	6/1/2018	5/31/2021	\$445,607

**Princeton Institute for Computational Science and Engineering (PICSciE)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Tang, William Ming-Wu	AWD1004788	Grant	GECAT - Global Initiative to Enhance @scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World (Blue Waters)	University of IL at Urbana-Champaign (NSF - National Science Foundation)	1/1/2016	8/31/2019	\$34,949
Tromp, Jeroen	AWD1004989	Grant	EarthCube Building Blocks: Collaborative Proposal: The Power of Many: Ensemble Toolkit for Earth Sciences	NSF - National Science Foundation	9/1/2016	8/31/2019	\$339,754
Tang, William Ming-Wu	AWD1005269	Grant	Collaborative Research: Advancing First-principle Symmetry-guided Nuclear Modeling for Studies of Nucleosynthesis and Fundamental Symmetries in Nature	NSF - National Science Foundation	8/1/2017	7/31/2019	\$15,066

**Princeton Institute for International and Regional Studies (PIIRS)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Adelman, Jeremy Ian	AWD1004004	Grant	John E. Sawyer Seminar on the Comparative Study of Cultures: Imperial Histories and Global Regimes	The Andrew W. Mellon Foundation	7/1/2014	8/31/2017	\$175,183
Bermann, Sandra Lekas	AWD1005502	Grant	John E. Sawyer Seminars on the Comparative Study of Cultures: Global Migration: The Humanities and Social Sciences in Dialogue	The Andrew W. Mellon Foundation	9/1/2017	8/31/2019	\$227,057

**Princeton Institute for the Science and Technology of Materials (PRISM)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Shayegan, Mansour	CNV1000365	Grant	Magneto-Transport in GaAs Two Dimensional Hole Systems	DOE - Germantown	11/15/2006	11/14/2018	\$2,793,762
Ong, Nai Phuan	CNV1001879	Grant	MRSEC PREM - Computational Research and Education for Emergent Materials	California State University, Northridge (NSF - National Science Foundation)	6/1/2012	3/31/2018	\$424,596
Car, Roberto	CNV1002007	Grant	Advanced Modeling of Ions in Solutions, on Surfaces, and in Biological Environments	DOE - Washington	9/1/2012	8/31/2017	\$1,377,543
Shayegan, Mansour	CNV1002676	Grant	Interacting Two-dimensional Electrons in Unconventional Sytems	NSF - National Science Foundation	8/1/2013	7/31/2017	\$620,000
Sturm, James Christopher	AWD1004056	Contract	Manipulation of Biological Particles by Deterministic Lateral Displacement: Fundamental Demonstrations and Practical Conditions	GPB Scientific, LLC	4/1/2014	12/31/2018	\$625,000
Yazdani, Ali	CNV1003241	Grant	Detection, Characterization, and Manipulation of Majorana Fermions in Magnetically Textured Nanostructures	Office of Naval Research	5/1/2014	4/20/2019	\$2,949,094
Haataja, Mikko Petteri	AWD1004243	Grant	Center for the Computational Design of Functional Layered Materials	Temple University (DOE - Washington)	8/1/2014	7/31/2018	\$381,618
Pfeiffer, Loren N.	AWD1004130	Grant	Moore Materials Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	7/31/2019	\$3,806,522
Chou, Stephen Y.	AWD1004057	Grant	SNM: Scalable Volume-NanoManufacturing of Unique Nanoparticles by Nano-templated Printing, Deposition, and Exfoliation for Energy and Bio/Chemical Sensing	NSF - National Science Foundation	9/1/2014	8/31/2019	\$750,000
Yazdani, Ali	AWD1004307	Cooperative Agreement	MRSEC: Princeton Center For Complex Materials	NSF - National Science Foundation	11/1/2014	10/31/2020	\$19,475,000
Car, Roberto	AWD1004323	Contract	Theoretical Studies of Synthesis of Nanomaterials: A Joint Challenge for Plasma and Materials Sciences	Princeton Plasma Physics Laboratory (DOE - Chicago)	3/11/2015	4/15/2018	\$391,465
Sturm, James Christopher	AWD1004468	Grant	Microfluidic Processing of Leukocytes for Molecular Diagnostic Testing	GPB Scientific, LLC (NIH NCI)	5/18/2015	4/30/2018	\$424,666
Shayegan, Mansour	AWD1004404	Grant	Toward Spin- and Valleytronic Devices	NSF - National Science Foundation	7/1/2015	6/30/2019	\$405,000
Houck, Andrew Addison	AWD1004493	Grant	Autonomous Error Protection in Superconducting Circuits	Army Research Office	8/1/2015	7/31/2019	\$2,817,963

**Princeton Institute for the Science and Technology of Materials (PRISM) (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Houck, Andrew Addison	AWD1004494	Grant	Engineering Exotic States of Light with Superconducting Circuits	Army Research Office	8/1/2015	7/31/2020	\$6,250,000
Lyon, Stephen Aplin	AWD1004515	Grant	Electron Spin Dynamics on the Surface of Superfluid Helium	NSF - National Science Foundation	8/1/2015	7/31/2018	\$547,242
Pfeiffer, Loren N.	AWD1004812	Contract	Frequency Agile Heterodyne Detector for Submillimeter Spectroscopy of Planets and Comets	University of CA at Santa Barbara (NASA HQ - Washington)	8/19/2015	7/31/2018	\$60,000
Rand, Barry P.	AWD1004591	Grant	Compound Semiconductors for Transient Electronic and Optoelectronic Systems	Defense Advanced Research Projects Agency	9/15/2015	9/14/2017	\$500,031
Arnold, Craig B.	AWD1004629	Grant	MRI: Acquisition of an X-Ray Microscope Supporting Multidisciplinary Fundamental and Applied Research	NSF - National Science Foundation	9/15/2015	8/31/2018	\$586,140
Sturm, James Christopher	AWD1004889	Contract	Product Demonstrator: Flexible, Self-powered, Motion, Sound Sensing Array Sheet with Remote Readout	FlexTech Alliance (Army Research Laboratory)	11/1/2015	9/30/2017	\$175,000
Houck, Andrew Addison	AWD1004718	Contract	Generating Remote Entanglement with Superconducting Circuits	HRL Laboratories, LLC (Department of Defense)	1/5/2016	12/31/2017	\$273,990
Prucnal, Paul Richard	AWD1004744	Grant	Fiber Optic Detection of Magnetic Flux Quantum Pulses using Resonator-Enhanced Modulation	Office of Naval Research	3/1/2016	2/28/2019	\$433,933
Houck, Andrew Addison	AWD1004855	Contract	Superconducting Logically-Encoded Extensible Qubit: Tunable Coupling, Filtering, and Enhanced Connectivity	Intl Business Machines Corp. (IBM) (Army Research Office)	3/31/2016	3/30/2019	\$529,241
Ong, Nai Phuan	AWD1004789	Grant	Transport and Tunneling Experiments on Dirac and Weyl Semimetals	Army Research Office	4/15/2016	4/14/2019	\$446,035
Law, Chung King	AWD1004824	Grant	2016 Princeton-CEFRC-CI Summer School on Combustion	NSF - National Science Foundation	5/1/2016	7/31/2017	\$20,000
Chou, Stephen Y.	AWD1004848	Contract	Ultrasensitive, Rapid, Early Detection of Ebola Antigen (sGP) Using M-Plate-A New Nanostructured Plate with Ultra-high Amplification	Defense Threat Reduction Agency	5/2/2016	10/1/2019	\$3,731,051
Torquato, Salvatore	AWD1004865	Cooperative Agreement	NYU Materials Research Science and Engineering Center	New York University (NSF - National Science Foundation)	6/1/2016	6/30/2018	\$164,737
Priestley, Rodney D.	AWD1004892	Grant	REU Site: Materials for Energy and the Environment	NSF - National Science Foundation	7/1/2016	6/30/2019	\$292,562

**Princeton Institute for the Science and Technology of Materials (PRISM) (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Gmachl, Claire F.	AWD1004959	Grant	DMREF: Collaborative Research: Semiconductor Heterostructure Platform for Active Nonlocal Plasmonic and Hyperbolic Materials	NSF - National Science Foundation	10/1/2016	9/30/2020	\$298,000
Prucnal, Paul Richard	AWD1005000	Grant	EARS: Collaborative Research: Turning on the Lights: Blind Source Separation with Agile Integrated Photonics	NSF - National Science Foundation	10/1/2016	9/30/2019	\$900,000
de Leon, Nathalie P.	AWD1005017	Grant	EFRI ACQUIRE Integrated Nanophotonic Solid State Memories for Telecom Wavelength Quantum Repeaters	Yale University (NSF - National Science Foundation)	10/1/2016	9/30/2020	\$883,125
Pfeiffer, Loren N.	AWD1005070	Grant	E2CDA: Type I: Excitonic Devices	University of California at San Diego (NSF - National Science Foundation)	10/1/2016	9/30/2018	\$105,454
Zondlo, Mark Andrew	AWD1005083	Cooperative Agreement	Remote Methane Sensor for Emissions from Pipelines and Compressor Stations using Chirped-laser Dispersion Spectroscopy	DOE Office of Fossil Energy	10/1/2016	3/31/2020	\$1,141,204
Pfeiffer, Loren N.	AWD1005375	Contract	E2CDA: Type I: Excitonic Devices: Center for Electronic Devices	University of California at San Diego (Nanoelectronic Research Corporation)	10/1/2016	9/30/2019	\$24,819
Law, Chung King	AWD1005123	Grant	2017 Princeton Summer School on Combustion	NSF - National Science Foundation	2/1/2017	1/31/2018	\$49,500
de Leon, Nathalie P.	AWD1005199	Grant	Systematic Search for New Color Centers in Diamond for Quantum Technologies	Air Force Office of Scientific Research	3/15/2017	3/14/2020	\$360,000
Law, Chung King	AWD1005209	Grant	Conference/Symposium: 2017 Princeton-CI Summer School on Combustion	Army Research Office	3/17/2017	9/16/2017	\$20,000
Priestley, Rodney D.	AWD1005425	Contract	Polymer/Graphene Composites	Shandong Lutai Holding Co., Ltd.	6/1/2017	5/31/2019	\$65,000
Prucnal, Paul Richard	AWD1005440	Contract	Energy Efficient and Low Latency Photonic Signal Processing using Excitable Lasers with Compressive Sampling	Bascom Hunter Technologies, Inc. (Office of Naval Research)	6/9/2017	1/9/2018	\$37,500
Torquato, Salvatore	AWD1005325	Grant	Designing Novel Tunable Colloids Via Inverse Statistical Mechanics	NSF - National Science Foundation	7/1/2017	6/30/2020	\$423,413
Ong, Nai Phuan	AWD1005445	Grant	Experiments on Nonsymmorphic Topological and Weyl Semimetals	DOE - Washington	7/1/2017	6/30/2020	\$450,000

**Princeton Institute for the Science and Technology of Materials (PRISM) (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Priestley, Rodney D.	AWD1005390	Grant	Collaborative Research: Mechanistic Understanding and Control of Soft Interfacial Nanorheology from Molecular Simulations and Nanoresolved Experiments	NSF - National Science Foundation	8/15/2017	7/31/2020	\$238,371
Prucnal, Paul Richard	AWD1005409	Contract	Fast Switch Phase 2	General Dynamics Corporation	8/15/2017	2/15/2019	\$224,678
Car, Roberto	AWD1005365	Grant	Electronic Structure Theory and Novel Materials	DOE - Washington	9/1/2017	6/30/2019	\$375,000
Torquato, Salvatore	AWD1005368	Grant	Physics of Correlated Disordered Packings	NSF - National Science Foundation	9/1/2017	8/31/2020	\$330,000
Priestley, Rodney D.	AWD1005496	Contract	Vitamin C Encapsulation in Chitosan by FNP for Cosmetic Applications	Chanel S.A.	9/1/2017	8/31/2019	\$270,198
de Leon, Nathalie P.	AWD1005260	Grant	Alfred P. Sloan Research Fellowships in Physics	Alfred P. Sloan Foundation	9/15/2017	9/14/2019	\$60,000
Prucnal, Paul Richard	AWD1005477	Grant	E2CDA: Type I: Collaborative Research: Nanophotonic Neuromorphic Computing	NSF - National Science Foundation	9/15/2017	8/31/2020	\$334,032
Prucnal, Paul Richard	AWD1005867	Contract	Nanophotonic Neuromorphic Computing	Semiconductor Research Corporation	1/1/2018	12/31/2020	\$167,016
Kosmrlj, Andrej	AWD1005597	Grant	CAREER: Statistical Mechanics of Slender Structures	NSF - National Science Foundation	2/1/2018	1/31/2023	\$563,795
Law, Chung King	AWD1005737	Grant	2018 Princeton Summer School on Combustion	NSF - National Science Foundation	2/1/2018	1/31/2019	\$49,500
Shayegan, Mansour	AWD1005634	Grant	Probing Exotic Phases of Two-dimensional Electrons in Unconventional Systems	NSF - National Science Foundation	3/15/2018	8/31/2021	\$742,432
Prucnal, Paul Richard	AWD1005687	Grant	White Paper: Cryo Compatible Photonic Neural Processing	Office of Naval Research	3/30/2018	9/30/2022	\$728,000
Sturm, James Christopher	AWD1005765	Grant	Microfluidic CAR-T Cell Processing Device	GPB Scientific, LLC (NIH NCI)	4/17/2018	3/31/2019	\$90,000
Rand, Barry P.	AWD1005719	Grant	Toward Electrically-Pumped Lasing in Organic-Inorganic Hybrid Perovskite Semiconductors	The Pennsylvania State University (Air Force Office of Scientific Research)	5/1/2018	4/30/2021	\$367,500
de Leon, Nathalie P.	AWD1005585	Grant	CAREER: Novel Diamond Surface Functionalization and Nanoscale Surface Spectroscopy for Quantum Applications	NSF - National Science Foundation	6/1/2018	5/31/2023	\$550,000

**Princeton Neuroscience Institute (PNI)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brody, Carlos D.	CNV1000536	Grant	HHMI Support for Carlos Brody	Howard Hughes Medical Institute	7/1/2008	8/31/2018	\$507,174
Ghazanfar, Asif A.	CNV1001126	Grant	Vocal Communication Emerges and Evolves through Coupled Oscillations	James S. McDonnell Foundation	12/1/2010	12/31/2018	\$598,249
Turk-Browne, Nicholas B.	CNV1001458	Grant	Neural and Behavioral Interactions Between Attention, Perception, and Learning	NIH NEI	8/1/2011	7/31/2017	\$1,751,763
Kastner, Sabine	CNV1002039	Grant	Functions of the Thalamus in Perception and Cognition	NIH NEI	9/1/2012	8/31/2017	\$1,696,067
Tank, David W.	CNV1002058	Grant	Grid Cell Dynamics During Navigation In Virtual Reality	NIH NINDS	9/26/2012	7/31/2019	\$2,649,230
Ghazanfar, Asif A.	CNV1002634	Grant	Multisensory Integration of Faces and Voices in the Primate Temporal Lobe	NIH NINDS	7/1/2013	6/30/2018	\$1,696,075
Witten, Ilana Basya	CNV1002705	Grant	Unraveling the Neuromodulatory Control of Working Memory	The Pew Charitable Trusts	8/1/2013	7/31/2018	\$240,000
Cohen, Jonathan D.	CNV1002715	Grant	NRSA Training Grant in Quantitative Neuroscience	NIH NIMH	8/1/2013	7/31/2018	\$1,985,960
Berry II, Michael James	CNV1003093	Grant	Neurotechnologies for Analysis of Neural Dynamics	The Burroughs Wellcome Fund	1/1/2014	12/31/2019	\$200,000
Niv, Yael	CNV1003070	Grant	The Computational and Neural Basis of Reinforcement Learning in Multidimensional Environments	Army Research Office	3/17/2014	3/16/2019	\$984,432
Buschman, Timothy J.	AWD1004142	Grant	Identifying the Neural Mechanisms allowing Compression (Chunking) of Working Memory Contents	Office of Naval Research	6/1/2014	12/31/2018	\$1,582,838
Brody, Carlos D.	AWD1004020	Grant	Relating Dynamic Cognitive Variables to Neural Population Activity	The Simons Foundation	7/1/2014	6/30/2018	\$680,000
Tank, David W.	AWD1004022	Grant	Neural Circuit Dynamics During Cognition	The Simons Foundation	7/1/2014	6/30/2018	\$1,500,000
Witten, Ilana Basya	AWD1004030	Grant	Deconstructing Working Memory: Dopamine Neurons and their Target Circuits	McKnight Endowment Fund for Neuroscience	7/1/2014	6/30/2018	\$225,000
Tank, David W.	CNV1003243	Grant	Neural Circuit Imaging and Stimulation at Cellular Resolution in Virtual Reality	NIH NIMH	7/1/2014	6/30/2019	\$1,999,319
Wang, Samuel Sheng-Hung	AWD1004042	Grant	Imaging Adaptive Cerebellar Processing at Cellular Resolution in Awake Mice	NIH NINDS	9/1/2014	5/31/2019	\$2,141,075
Berry II, Michael James	AWD1004115	Grant	Neurotechnologies for Analysis of Network Dynamics	NIH NIMH	9/1/2014	8/31/2019	\$807,375
Todorov, Alexander T.	AWD1004143	Grant	From Statistical Learning and Social Face Preferences	U.S.-Israel Binational Science Fdn.	9/1/2014	8/31/2018	\$98,855



**Princeton Neuroscience Institute (PNI) (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Murthy, Mala	AWD1004170	Grant	How Does the Brain Solve the Pattern Recognition Problem?	NIH NINDS	9/30/2014	6/30/2019	\$2,430,000
Buschman, Timothy J.	AWD1004196	Grant	Developing an Adaptive Cognitive Prosthetic to Replace Damaged Brain Regions	NIH NEI	9/30/2014	8/31/2019	\$2,430,000
Brody, Carlos D.	AWD1004240	Cooperative Agreement	Mechanisms of Neural Circuit Dynamics in Working Memory	NIH NINDS	9/30/2014	7/31/2018	\$3,055,288
Seung, Hyunjune Sebastian	AWD1004256	Cooperative Agreement	Vertically Integrated Approach to Visual Neuroscience: Microcircuits to Behavior	NIH NINDS	9/30/2014	7/31/2018	\$3,642,856
Tank, David W.	AWD1004420	Grant	Optimization of 3-photon Microscopy for Large Scale Recording in Mouse Brain	Cornell University (NIH NINDS)	9/30/2014	8/31/2017	\$272,658
Seung, Hyunjune Sebastian	AWD1004674	Grant	Imaging How a Neuron Computes	The Trustees of Columbia University (Office of Naval Research)	10/1/2014	9/30/2018	\$275,774
Pillow, Jonathan William	AWD1004351	Grant	Population Dynamics Across Pairs of Cortical Areas in Learning and Behavior	The Simons Foundation	1/1/2015	12/31/2017	\$340,000
Cohen, Jonathan D.	AWD1004372	Grant	Decoding Mental Representations of Cognitive Control from Brain Imaging Data	Intel Corporation	1/5/2015	1/4/2020	\$3,402,000
Witten, Ilana Basya	AWD1004262	Grant	Dopamine, Working Memory, and Schizophrenia: Dissecting Spatial and Temporal Patterns	Brain and Behavior Research Foundation	1/15/2015	1/14/2018	\$65,000
Buschman, Timothy J.	AWD1004280	Grant	Mechanisms of Priority Negotiation in the Allocation of Attention	Brain and Behavior Research Foundation	1/15/2015	1/14/2018	\$65,000
Norman, Kenneth Andrew	AWD1004450	Contract	Manipulating and Classifying Memory Processing during Sleep	Northwestern University (NSF - National Science Foundation)	4/1/2015	3/31/2019	\$217,306
Pillow, Jonathan William	AWD1004668	Grant	CRCNS Detailed Multi-Neuron Coding of Decisions in Parietal Cortex	University of Texas at Austin (NIH NIMH)	5/1/2015	4/30/2018	\$175,575
Pillow, Jonathan William	AWD1004667	Grant	CAREER: Unlocking the Neural Code with Spikes, Currents and Conductances	NSF - National Science Foundation	6/1/2015	8/31/2017	\$274,483
Boulanger, Lisa M.	AWD1004708	Grant	SCI-induced Denervation of the Diaphragm: Regulation by MHCI Immune Proteins	NJ Commission on Spinal Cord Research	6/29/2015	6/30/2019	\$200,000
Wang, Samuel Sheng-Hung	AWD1004458	Grant	Connectivity of the Posterior Cerebellum	NIH NINDS	7/1/2015	12/31/2020	\$229,650
Witten, Ilana Basya	AWD1004530	Grant	Dissecting the Neural Circuitry for Spatial Working Memory	NIH NIMH	7/22/2015	3/31/2020	\$1,989,670
Pillow, Jonathan William	AWD1004512	Grant	Neural Time-integration Underlying Higher Cognitive Function	University of Texas at Austin (NIH NEI)	8/1/2015	7/31/2018	\$59,402

**Princeton Neuroscience Institute (PNI) (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Norman, Kenneth Andrew	AWD1004560	Grant	NCS-FO: Collaborative Research: Sleep's Role in Determining the Fate of Individual Memories	NSF - National Science Foundation	9/1/2015	2/28/2019	\$594,090
Berry II, Michael James	AWD1004590	Grant	Collective Phenomena in Neural Population Codes-CONGRUENCY	NSF - National Science Foundation	9/1/2015	8/31/2019	\$480,000
Daw, Nathaniel Douglass	AWD1004596	Grant	CRCNS:Representational Foundations of Adaptive Behavior in Natural and Artificial Agents	NIH NIMH	9/1/2015	5/31/2019	\$1,183,417
Cohen, Jonathan D.	AWD1004826	Grant	Computation and Visualization of Multi-Parameter Topological Invariants of Data	St. Olaf College (NSF - National Science Foundation)	9/1/2015	8/31/2018	\$57,303
Brody, Carlos D.	AWD1004673	Grant	Neural Circuit Underlying Decisions Driven by Accumulation of Evidence	NIH NIMH	9/2/2015	5/31/2020	\$1,994,000
Wang, Samuel Sheng-Hung	AWD1004620	Grant	Use of Calcium Indicator Proteins in Spike Counting Mode	NIH NEI	9/30/2015	8/31/2018	\$475,737
Cohen, Jonathan D.	AWD1004693	Grant	Toward a Scientific Understanding of the Human Capacity for Cognitive Control	The John Templeton Foundation	12/1/2015	11/30/2018	\$2,997,571
Wang, Samuel Sheng-Hung	AWD1005086	Grant	Systems Biology of Autism: The Case for the Cerebellum	Children's Hospital Boston (Nancy Lurie Marks Family Foundation)	12/1/2015	11/30/2018	\$347,600
Kastner, Sabine	AWD1005021	Grant	Brain Rhythms in Cognition: a Collaborative Network (JSMF#220020448)	University of Oxford (James S. McDonnell Foundation)	1/1/2016	12/31/2020	\$400,000
Seung, Hyunjune Sebastian	AWD1004767	Contract	Petascale Neural Circuit Reconstruction- Parent	Intell. Advanced Rsrch Projects Activity	1/15/2016	1/14/2021	\$14,123,112
Brody, Carlos D.	AWD1004793	Grant	Neural Mechanisms Underlying Flexible Decision-Making	The Simons Foundation	5/1/2016	4/30/2019	\$234,150
Witten, Ilana Basya	AWD1004797	Grant	Dissecting Neural Circuits that Encode Social Behaviors	The Simons Foundation	5/1/2016	4/30/2019	\$234,150
Kastner, Sabine	AWD1004900	Grant	Neural Mechanisms of Attention	NIH NIMH	5/1/2016	1/31/2021	\$2,081,415
Murthy, Mala	AWD1004859	Grant	Auditory Coding Contributing to Drosophila Behavior	Jane Coffin Childs Mem. Fund/Med. Resr.	7/1/2016	6/30/2019	\$163,000
Daw, Nathaniel Douglass	AWD1004960	Grant	CRCNS: Computational and Neural Mechanisms of Memory-guided Decisions	NIH NIDA	7/1/2016	6/30/2019	\$982,371
Wang, Samuel Sheng-Hung	AWD1005073	Grant	Effects of Cerebellar Perturbation on Neocortical Adaptation to Post-traumatic Brain Injury	NJ Commission on Brain Injury Research	7/1/2016	6/30/2019	\$201,744
Seung, Hyunjune Sebastian	AWD1005311	Grant	Circuit Mechanisms Underlying Persistent Activity in a Neural Integrator	Weill Medical College of Cornell Univ (NIH NEI)	8/1/2016	10/30/2018	\$875,384

**Princeton Neuroscience Institute (PNI) (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Seung, Hyunjune Sebastian	AWD1004996	Cooperative Agreement	Retinal Connectome: Mobile Game and Crowdsourcing Algorithms for EyeWire II	NIH NCI	8/8/2016	7/31/2018	\$641,800
Graziano, Michael Steven	AWD1004964	Grant	Gender and Temporoparietal Network Interactions in Autism	The Simons Foundation	9/1/2016	11/30/2017	\$70,000
Daw, Nathaniel Douglass	AWD1005105	Grant	Neural Foundations of Expertise Based on Optimal Decision-Making, Physical Control and Responses to Stress	University of CA at Santa Barbara (Army Research Office)	9/1/2016	8/31/2019	\$665,000
Daw, Nathaniel Douglass	AWD1005261	Grant	Dissecting Learning: Combining Experimental and Computational Approaches	James S. McDonnell Foundation	9/1/2016	9/1/2018	\$190,157
Niv, Yael	AWD1005062	Grant	Orbitofrontal Cortex as a Cognitive Map of Task States	NIH NIDA	9/15/2016	6/30/2021	\$1,822,500
Constantinople, Christine M.	AWD1005088	Grant	Neural Mechanisms of Probability Estimation During Decision-Making	NIH NIMH	9/16/2016	12/31/2018	\$260,280
Norman, Kenneth Andrew	AWD1005008	Grant	Computational, Neural, and Behavioral Studies of Competition-Dependent Learning	NIH NIMH	9/19/2016	6/30/2021	\$2,343,192
Berry II, Michael James	AWD1005076	Grant	Temporal Sequence Learning in the Cortex	NIH NEI	9/30/2016	8/31/2018	\$445,500
Hasson, Uri	AWD1005219	Grant	Speaker-Listener Coupling: A Novel Neural Approach for Assessing Communication	NIH NICHD	9/30/2016	7/31/2021	\$5,670,001
Murthy, Mala	AWD1005064	Contract	Research Focus: Neural Computations and Mechanisms for Acoustic Communication	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$1,500,000
Nectow, Alexander Ryan	AWD1005131	Grant	Functional Dissection of Neural Circuitry Underlying Depression-Related Feeding Dysfunction	Brain and Behavior Research Foundation	1/15/2017	1/14/2019	\$70,000
Brody, Carlos D.	AWD1005354	Grant	Swartz Initiative in Theoretical Neuroscience	The Swartz Foundation	2/1/2017	2/28/2018	\$135,835
Norman, Kenneth Andrew	AWD1005265	Grant	Neural Dynamics Supporting Integration and Recall Over Long Timescales During Natural Continuous Input	NIH NIMH	2/15/2017	11/30/2021	\$2,504,876
Brody, Carlos D.	AWD1005254	Grant	Large- and Meso-Scale Cortical Dynamics Underlying Evidence Accumulation and Decision-Making	NIH NINDS	4/1/2017	3/31/2020	\$179,274
Witten, Ilana Basya	AWD1005257	Grant	Clarifying the Role of a Corticolimbic Projection in Cocaine-Seeking	NIH NIDA	4/1/2017	3/31/2020	\$181,274
Hasson, Uri	AWD1005310	Grant	Brain-to-Brain Dynamical Coupling: A New Framework for the Communication of Social Knowledge	NIH NIMH	4/1/2017	3/31/2022	\$2,498,878
Kastner, Sabine	AWD1005356	Grant	Neurobiology and Dynamics of Active Sensing	The Trustees of Columbia University (NIH NIMH)	4/15/2017	3/31/2022	\$1,087,100

**Princeton Neuroscience Institute (PNI) (5)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Murthy, Mala	AWD1005250	Grant	Neural Correlates of Social Decision Making	The Simons Foundation	5/1/2017	4/30/2020	\$234,150
Kastner, Sabine	AWD1005302	Grant	Reorganization of Visual Function in Patients with Posterior Cortical Resection: Selectivity and Plasticity	Carnegie Mellon University (NIH NEI)	5/1/2017	4/30/2021	\$24,016
Leifer, Andrew Michael	AWD1005349	Grant	Neural Dynamics of a Multi-timescale Social Behavior	The Simons Foundation	7/1/2017	6/30/2022	\$900,000
Tank, David W.	AWD1005358	Grant	SPI Giacomo: Remapping Across Time, Space and Region; SPI Tank: Population Analysis of Cognitive Variables	The Simons Foundation	7/1/2017	6/30/2022	\$2,500,000
Brody, Carlos D.	AWD1005366	Grant	Population Analysis of Cognitive Variables	The Simons Foundation	7/1/2017	6/30/2022	\$800,000
Witten, Ilana Basya	AWD1005441	Grant	The International Brain Laboratory: Brain-Wide Circuits for Decision Making	The Simons Foundation	7/1/2017	6/30/2022	\$631,800
Pillow, Jonathan William	AWD1005495	Grant	SPI Churchland A: International Brain Laboratory (IBL); SPI Tank: Population Analysis of Cognitive Variables; SPI Zimmer: Neural Dynamics of a Multi-Timescale Social Behavior	The Simons Foundation	7/1/2017	6/30/2022	\$1,066,000
Witten, Ilana Basya	AWD1005297	Grant	Neural Circuit Mechanisms of Counterfactual Learning	NIH NIMH	8/1/2017	7/31/2020	\$177,222
Leifer, Andrew Michael	AWD1005534	Grant	Multicolor Labeling for Cell Identification in the C. Elegans Nervous System	University of Pennsylvania (NIH NINDS)	9/1/2017	8/31/2019	\$222,753
Norman, Kenneth Andrew	AWD1005566	Grant	A Computational Cognitive Neuroscience Approach to Understanding Event Representation and Episodic Memory	University of California at Davis (Office of Naval Research)	9/1/2017	8/31/2020	\$1,047,252
Nectow, Alexander Ryan	AWD1005581	Grant	Dissecting a Novel Brainstem Feeding Circuit in Prader-Willi Syndrome	Foundation for Prader-Willi Research	9/1/2017	8/31/2019	\$108,000
Wang, Samuel Sheng-Hung	AWD1005530	Grant	Cerebellar Determinants of Flexible and Social Behavior on Rapid Time Scales in Autism Model Mice.	NIH NIMH	9/15/2017	6/30/2022	\$4,727,710
Wang, Samuel Sheng-Hung	AWD1005551	Grant	Cerebellar Contributions to Reward Prediction and Decision-Making	NIH NIMH	9/15/2017	5/14/2021	\$188,228
Tamir, Diana I.	AWD1005490	Grant	The Structure and Dynamics of Mental State Representations	NIH NIMH	9/18/2017	5/31/2022	\$1,822,500
Seung, Hyunjune Sebastian	AWD1005549	Grant	Collaboratory for Atlasng Cell Type Anatomy in the Female and Male Mouse Brain	Cold Spring Harbor Laboratory (NIH NIMH)	9/20/2017	5/31/2022	\$585,720

**Princeton Neuroscience Institute (PNI) (6)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brody, Carlos D.	AWD1005524	Cooperative Agreement	Mechanisms of Neural Circuit Dynamics in Working Memory and Decision-Making	NIH NINDS	9/28/2017	7/31/2022	\$15,346,730
Witten, Ilana Basya	AWD1005461	Grant	Prefrontal Cortical Circuitry that Supports Learning in a Complex and Dynamic Environment	Army Research Office	9/30/2017	9/29/2018	\$599,999
Pillow, Jonathan William	AWD1005479	Grant	The Application of Generalized Linear Models to Calcium Imaging Data for Optimal High-Dimensional Receptive Field Estimation and Identification of Latent Network Dynamics	NIH NIMH	10/1/2017	9/27/2020	\$187,926
Brody, Carlos D.	AWD1005531	Grant	Circuit Mechanisms of Evidence Accumulation During Decision-Making	NIH NIMH	10/1/2017	9/27/2020	\$187,926
Berry II, Michael James	AWD1005670	Grant	Multi-Electrode Array (MEA) Studies of Channelrhodopsin Expression in Mouse Retinal Ganglion Cells	Allergan plc	10/20/2017	4/11/2018	\$0
Witten, Ilana Basya	AWD1005439	Grant	Learning in a Complex and Dynamic Environment	The New York Stem Cell Foundation	1/1/2018	12/31/2022	\$1,500,000
Cohen, Jonathan D.	AWD1005577	Grant	Princeton Neuroscience Institute Summer Internship Program	NIH NINDS	1/1/2018	3/15/2018	\$0
Murthy, Mala	AWD1005592	Grant	Dissecting Sensorimotor Pathways Underlying Social Interactions: Models, Circuits, and Behavior	NIH NINDS	1/1/2018	12/31/2022	\$2,422,608
Seung, Hyunjune Sebastian	AWD1005671	Grant	Circuit Mechanisms Underlying Learned Changes in Persistent Neural Activity	Weill Cornell Medical College (NIH NINDS)	1/1/2018	12/31/2018	\$307,439
Nectow, Alexander Ryan	AWD1005688	Grant	Dissection of a Brainstem Circuit in Obesity	American Diabetes Association	1/1/2018	12/31/2020	\$345,000
Nectow, Alexander Ryan	AWD1005689	Grant	Investigation of Brainstem Neurons Regulating Energy Balance	American Diabetes Association	1/1/2018	12/31/2022	\$1,625,000
Buschman, Timothy J.	AWD1005613	Grant	Understanding the Network Mechanisms that Control Working Memory	NIH NIMH	2/6/2018	1/31/2020	\$832,544
Cohen, Jonathan D.	AWD1005640	Grant	REU Site: Princeton Neuroscience Institute Summer Internship Program	NSF - National Science Foundation	3/15/2018	2/28/2021	\$346,380
Kastner, Sabine	AWD1005665	Grant	Functions of the Thalamus in Attention and Perception	NIH NEI	4/1/2018	3/31/2022	\$1,711,533
Hasson, Uri	AWD1005669	Contract	Seedling on Brain to Brain Communication	SRI International (Air Force Research Laboratory-Rome)	4/9/2018	10/10/2018	\$218,337

**Princeton Neuroscience Institute (PNI) (7)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Norman, Kenneth Andrew	AWD1005743	Grant	Dynamic Memories: A Computational Neuroscience Approach to Understanding How Memories are Reconstructed in Response to New Experiences	Netherlands Org for Scientific Rsrch	6/1/2018	6/1/2020	\$147,488

**Princeton Plasma Physics Laboratory**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Drapkin, Svetlana	CNV1000084	Contract	Plasma Physics Laboratory	DOE - Chicago	1/1/2000	3/31/2019	\$3,671,315,890

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Paluck, Elizabeth Levy	CNV1001775	Grant	Social Interactions, Identity and Well-Being	Canadian Institute for Advanced Research	7/1/2011	8/1/2023	\$132,500
Shafir, Eldar	CNV1001776	Grant	Social Interactions, Identity and Well-Being Program	Canadian Institute for Advanced Research	7/1/2011	8/1/2023	\$150,000
Paluck, Elizabeth Levy	CNV1002841	Grant	Individual versus Norm-Based Aspects of Women's Financial Independence: Assessing Consequences for Gender-Based Violence Through a Randomized Controlled Trial in Colombia	Vanguard Charitable Endowment Program	11/1/2012	11/30/2017	\$959,536
Paluck, Elizabeth Levy	CNV1002636	Grant	Social networks and climates of conflict	NSF - National Science Foundation	8/1/2013	12/31/2017	\$322,877
Taylor, Jordan A.	CNV1002637	Grant	A Model System to Study the Interaction of Multiple Processes for Motor Learning	NIH NINDS	9/16/2013	8/31/2019	\$1,704,895
Shafir, Eldar	AWD1004019	Grant	The Psychology of Scarcity: A Research Proposal	Alfred P. Sloan Foundation	9/1/2014	6/30/2019	\$577,544
Shafir, Eldar	AWD1004241	Grant	Some Implications of Scarcity Thinking	NSF - National Science Foundation	12/15/2014	11/30/2019	\$813,966
Taylor, Jordan A.	AWD1004462	Grant	Embodied Decision Making: Influence of Action Errors on Reinforcement Learning	University of California at Berkeley (NIH NINDS)	4/1/2015	3/31/2020	\$507,689
Tamir, Diana I.	AWD1004568	Grant	Identifying the Role of Simulation in Imagination Expertise	Imagination Institute (The John Templeton Foundation)	7/1/2015	7/1/2017	\$200,000
Emberson, Lauren L.	AWD1004538	Grant	Role of Statistically Induced Changes in Sensory Cortex in Perceptual Development	NIH NICHD	9/1/2015	8/31/2019	\$738,029
Haushofer, Johannes Andreas	AWD1004741	Grant	How Does Stress Affect Health Behaviors: Preferences, Beliefs, or Constraints?	NIH NINR	9/28/2015	6/30/2019	\$2,087,936
Lew-Williams, Casey	AWD1005055	Contract	Prevention of Developmental Disabilities	NJ Dept of Human Services	7/1/2016	6/30/2019	\$100,000
Lew-Williams, Casey	AWD1005246	Grant	Is Cerebellar Dysfunction A Biomarker for Early Signs of Autism and Related Disorders?	Rutgers University - New Brunswick (New Jersey Governor's Council on Autism)	7/1/2016	6/30/2019	\$31,390
Cohen, Jonathan D.	AWD1005066	Grant	The Role of the Locus Coeruleus in Decision-Making Under Uncertainty	NIH NIMH	9/1/2016	8/31/2018	\$87,620



**Psychology (2)**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Junge, Justin Anthony	AWD1004999	Grant	Collaborative Research: From knowledge Consumers to Knowledge Producers: A Scalable Experiential Learning Approach for Psychology and Related Disciplines	NSF - National Science Foundation	10/1/2016	9/30/2020	\$172,565
Pronin, Emily	AWD1005295	Grant	Expert Bias: Perceptions, Misperceptions, and Their Implications	Arizona State University (NSF - National Science Foundation)	5/1/2017	4/30/2020	\$87,858
Coman, Alin I.	AWD1005499	Contract	Crowdsourcing Evidence, Argumentation, Thinking and Evaluation (CREATE)	Good Judgment Inc. (Intell. Advanced Rsrch Projects Activity)	7/17/2017	7/16/2021	\$934,333
Coman, Alin I.	AWD1005388	Grant	Eager: Societies as Learning Communities: Building the Foundations for an Empirical Approach to the Formation of Collective Memories	NSF - National Science Foundation	9/1/2017	8/31/2019	\$256,745
Emberson, Lauren L.	AWD1005451	Grant	Does Top-Down Processing Support Infant Development?	James S. McDonnell Foundation	9/1/2017	8/31/2023	\$600,000

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Stewart, Brandon Michael	AWD1004657	Contract	Computational Measures of Engagement Across Difference in Online Courses	Harvard University (The Spencer Foundation)	7/1/2015	8/31/2018	\$85,381
Vertesi, Janet Amelia	AWD1004559	Grant	EAGER: The Europa Mission: Cyber-Human Systems in Formation	NSF - National Science Foundation	9/1/2015	8/31/2018	\$278,743
Vertesi, Janet Amelia	AWD1004902	Grant	Pricing the Priceless Spacecraft: The Social Life of Money in Robotic Planetary Exploration	NSF - National Science Foundation	7/1/2016	6/30/2019	\$289,995
Zelizer, Viviana Adela	AWD1005238	Grant	Doctoral Dissertation Research: Refugee Adaptation in the United States, Canada and Italy	NSF - National Science Foundation	4/1/2017	3/31/2019	\$12,000
Duneier, Mitchell	AWD1005237	Grant	Doctoral Dissertation Research: Community Revitalization and Race Relations in Northwest Detroit	NSF - National Science Foundation	5/1/2017	4/30/2019	\$10,740
Stewart, Brandon Michael	AWD1005405	Grant	Collaborative Research: Analytical Tools for Text Based Social Data Integration	NSF - National Science Foundation	9/1/2017	8/31/2019	\$321,318
DiMaggio, Paul Joseph	AWD1005655	Grant	Doctoral Dissertation Research: Hierarchies in Motion: Status and Authority in Small Organizations	NSF - National Science Foundation	3/15/2018	2/28/2019	\$12,000
DiMaggio, Paul Joseph	AWD1005643	Grant	Doctoral Dissertation Research: Consulting Firms in the Nonprofit Sector	NSF - National Science Foundation	4/1/2018	3/31/2019	\$12,000
Zelizer, Viviana Adela	AWD1005646	Grant	Doctoral Dissertation Research: Informal Financial Networks in a Conflict Economy	NSF - National Science Foundation	4/1/2018	3/31/2019	\$11,970
Wuthnow, Robert J.	AWD1005668	Grant	Doctoral Dissertation Research: Effects of a Data Initiative on Social Service Provision	NSF - National Science Foundation	4/1/2018	3/31/2019	\$12,000
Vertesi, Janet Amelia	AWD1005715	Contract	Investigation into Optimal Periodicity and Structure of PSG Meetings	Cal Tech - Jet Propulsion Lab (NASA HQ - Washington)	5/1/2018	10/28/2018	\$21,874

**Teacher Preparation**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Catena, Anne N.	AWD1005193	Contract	Building Teacher Leadership Continuation	Rider University (New Jersey Department of Education)	8/1/2016	7/31/2017	\$41,007

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Putukian, Margot	CNV1002964	Grant	The Epidemiology of Concussions in Ivy League Sports - A Web-Based Registry Study	Council of Ivy League Presidents	8/1/2013	6/30/2018	\$9,600
Putukian, Margot	AWD1004317	Grant	NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) Consortium--Longitudinal Clinical Study Core	University of Michigan (Army Medical Research & Materiel Command)	8/1/2014	4/30/2019	\$528,787

**Woodrow Wilson School (WWS)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Friedberg, Aaron Louis	CNV1000191	Grant	Research Program in International Security	Smith Richardson Foundation, Inc.	7/1/2001	7/30/2019	\$153,592
Friedberg, Aaron Louis	CNV1000409	Grant	Training the Next Generation of Strategists: Strengthening Strategic Studies at Princeton	The Lynde and Harry Bradley Fdn., Inc.	12/10/2007	12/31/2018	\$99,000
Friedberg, Aaron Louis	CNV1000510	Grant	Understanding China's Grand Strategy	The Lynde and Harry Bradley Fdn., Inc.	7/1/2008	12/31/2018	\$40,000
Shapiro, Jacob N.	CNV1002652	Grant	State-building at the Community Level: Evaluating the Impact of Colombias Consolidation Program	Office of Naval Research	8/1/2013	7/31/2017	\$880,037
Christensen, Thomas J.	CNV1003007	Grant	Princeton-Harvard China and the World Program	The John D. & Catherine T. MacArthur Fdn	1/1/2014	12/31/2017	\$500,627
Shapiro, Jacob N.	AWD1004210	Grant	Deterrence with Proxies	University of California at San Diego (Office of Naval Research)	9/1/2014	8/31/2019	\$628,112
Glaser, Alexander	AWD1004108	Grant	Research and Policy Analysis Relating to the Future of Nuclear Power and Nuclear-Weapon Proliferation; and the Verification of Nuclear Disarmament	Carnegie Corporation of New York	10/1/2014	12/31/2017	\$1,003,903
Shapiro, Jacob N.	AWD1004563	Grant	Punjab Economic Opportunity Programme: Evaluating Markets for Skill Acquisition and Employment	Harvard University (Department for International Development)	2/1/2015	11/30/2017	\$69,216
Glaser, Alexander	AWD1004401	Grant	Extension of the International Panel on Fissile Materials (IPFM)	The John D. & Catherine T. MacArthur Fdn	4/1/2015	4/30/2018	\$1,763,398
Itskhoki, Oleg	AWD1004391	Grant	Sloan Research Fellowships	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$50,000
Itskhoki, Oleg	AWD1004495	Grant	Sloan Research Fellowship -- Oleg Itskhoki	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$0
Searchinger, Timothy D.	AWD1004648	Grant	Analyzing and Communicating Global Bioenergy and Land Use Demands	The David and Lucile Packard Foundation	10/19/2015	10/31/2017	\$250,000
Friedberg, Aaron Louis	AWD1004686	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2015-2016	The Lynde and Harry Bradley Fdn., Inc.	11/17/2015	11/15/2017	\$25,000
McLanahan, Sara	AWD1004697	Grant	Future of Children: Social-Emotional Learning	The Wallace Foundation	12/15/2015	1/31/2018	\$150,000
Widner, Jennifer Anne	AWD1004729	Contract	British Academy: Anti-Corruption Evidence	The British Academy	1/1/2016	12/31/2017	\$530,563
Oppenheimer, Michael	AWD1004839	Grant	"How Scientists Shape Science-Based Environmental Assessments for Policy"	NSF - National Science Foundation	5/1/2016	4/30/2019	\$95,921
McLanahan, Sara	AWD1004836	Grant	Future of Children: " Reducing Justice System Inequality"	William T. Grant Foundation	7/1/2016	6/30/2018	\$100,000

**Woodrow Wilson School (WWS) (2)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Widner, Jennifer Anne	AWD1004942	Contract	Land Registry Management & Innovations in Land Registration	Omidyar Network	7/22/2016	1/31/2018	\$326,396
Widner, Jennifer Anne	AWD1005568	Contract	South Africa Powersharing Cabinet Case Study	U.S. Institute of Peace	8/12/2016	11/30/2017	\$31,800
Christensen, Thomas J.	AWD1005026	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-Graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	9/1/2016	8/31/2017	\$25,000
Friedberg, Aaron Louis	AWD1005028	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2016-2017	The Lynde and Harry Bradley Fdn., Inc.	9/1/2016	8/31/2018	\$25,000
McLanahan, Sara	AWD1005128	Grant	Reducing Justice System Inequality	Annie E. Casey Foundation	9/1/2016	8/31/2017	\$50,341
Moll, Benjamin	AWD1004914	Grant	Sloan Research Fellowship in Economics	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Kolesar, Michal	AWD1005024	Grant	Collaborative Research: Honest Inference and Efficiency Bounds for Nonparametric Regression and Approximate Moment Condition Models	NSF - National Science Foundation	9/15/2016	8/31/2019	\$199,260
Shapiro, Jacob N.	AWD1005032	Contract	Understanding Risk and Resilience to Violent Conflicts	The World Bank	9/20/2016	8/30/2017	\$160,000
Danspeckgruber, Wolfgang Franz	AWD1005045	Grant	Core Support to the Liechtenstein Institute on Self-Determination	Carnegie Corporation of New York	10/1/2016	9/30/2018	\$502,743
Shafir, Eldar	AWD1005274	Contract	Improving Federal Policy Effectiveness with the Social and Behavioral Science	ideas42 (The Laura and John Arnold Foundation)	10/1/2016	9/30/2017	\$51,150
Mian, Zia	AWD1005115	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	11/22/2016	12/31/2017	\$50,000
Christensen, Thomas J.	AWD1005152	Contract	China and the World Program	Carnegie Corporation of New York	1/1/2017	8/7/2018	\$492,600
Mian, Zia	AWD1005236	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Implementation of the Iran Nuclear Deal, and Promoting US-Iran Cooperation, a Middle East Nuclear Weapon Free Zone and New Sec	Rockefeller Brothers Fund, Inc.	3/23/2017	3/23/2018	\$100,000
Searchinger, Timothy D.	AWD1005243	Grant	Analyzing and Communicating The Greenhouse Gass, Land Use, and Food Supply Consequences Of Bioenergy	The David and Lucile Packard Foundation	4/1/2017	6/8/2018	\$135,000

**Woodrow Wilson School (WWS) (3)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Shapiro, Jacob N.	AWD1005244	Grant	Spectral Models of Security: New Methods for Detecting Evolving Community Structure in Societal-Scale Data	University of California at Berkeley (Office of Naval Research)	4/1/2017	3/31/2020	\$193,497
Glaser, Alexander	AWD1005266	Grant	Support for Education and Training of the Next Generation of Nuclear Non-Proliferation, Arms Control, and Disarmament Scientists	The John D. & Catherine T. MacArthur Fdn	4/1/2017	3/31/2021	\$2,054,665
Christensen, Thomas J.	AWD1005332	Grant	Crafting Payoffs: Strategies and Effectiveness of China's Economic Statecraft	Smith Richardson Foundation, Inc.	4/1/2017	9/30/2018	\$7,500
Mian, Zia	AWD1005363	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Implementation of the Iran Nuclear Deal, and Promoting US-Iran Cooperation, a Middle East Nuclear Weapon Free Zone ...	Ploughshares Fund	6/30/2017	6/29/2018	\$90,000
Howard, Heather Harding	AWD1005333	Grant	Adding a Senior Advisor to Strengthen Princeton's Transforming Health and Health Care through State Technical Assistance Program	Robert Wood Johnson Foundation	7/1/2017	12/31/2018	\$316,935
Howard, Heather Harding	AWD1005334	Grant	Providing Technical Assistance and Peer-to-Peer Learning to Help States Achieve Measurable Progress in Transforming the Health Care Environment	Robert Wood Johnson Foundation	7/1/2017	12/31/2018	\$4,530,808
Widner, Jennifer Anne	AWD1005399	Contract	Improving Teacher Capacity in Liberia	Big Win Philanthropy	7/1/2017	12/31/2017	\$36,340
Ortoleva, Pietro Salvatore Tommaso	AWD1005621	Grant	Incomplete Preferences, Stochastic Choice, and the Time and Risk Preferences	NSF - National Science Foundation	7/1/2017	3/31/2019	\$259,435
Shapiro, Jacob N.	AWD1005622	Grant	Bidding for roads (Top-up Proposal)	London Sch of Economics	7/1/2017	9/30/2018	\$32,803
McLanahan, Sara	AWD1005512	Grant	Reducing Justice System Inequality	Annie E. Casey Foundation	9/1/2017	3/31/2018	\$75,000
Shapiro, Jacob N.	AWD1005513	Grant	ADT: Collaborative Research: Efficient sampling for real-time detection and isolation of threats in networks	NSF - National Science Foundation	9/1/2017	8/31/2020	\$80,000
Christensen, Thomas J.	AWD1005516	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-Graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	9/1/2017	8/31/2018	\$25,000
Guess, Andrew Markus	AWD1005683	Contract	Paying Attention to Attention: Media Exposure and Opinion Formation in an Age of Information Overload	Hertie School of Governance (VolkswagenStiftung)	9/1/2017	6/30/2020	\$426,579
Friedberg, Aaron Louis	AWD1005514	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2017-2018	The Lynde and Harry Bradley Fdn., Inc.	9/15/2017	9/14/2018	\$25,000

**Woodrow Wilson School (WWS) (4)**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
von Hippel, Frank Niels	AWD1005519	Grant	A Workshop and Report on the Possibilities of a New U.S. Policy on Ballistic Missile Defense	Ploughshares Fund	9/15/2017	2/15/2018	\$25,000
Fleurbaey, Marc	AWD1005569	Contract	Leveling the Playing Field: Rethinking the Social Contract in Europe and Central Asia (ECA)	The World Bank	9/28/2017	6/30/2018	\$20,000
Widner, Jennifer Anne	AWD1005480	Grant	Linking Priorities, Budgets, and Actions in National Social Spending	Bill & Melinda Gates Foundation	10/12/2017	3/31/2019	\$521,189
Howard, Heather Harding	AWD1005508	Grant	Providing Communications Technical Assistance to States to Aid Efforts to Successfully Seed, Refine and Implement Health Care Policy and Reforms	Robert Wood Johnson Foundation	10/15/2017	1/14/2019	\$620,771
Keohane, Robert Owen	AWD1005573	Grant	The Comparative Politics of Climate Change Policy - 2016 Balzan Prize for International Relations: Theory and History	International Balzan Foundation	11/16/2017	11/15/2021	\$396,071
Glaser, Alexander	AWD1005583	Contract	Reducing Nuclear Risks: Research, Policy Engagement, and Training	Carnegie Corporation of New York	1/1/2018	12/31/2019	\$700,000
Currie, Janet Marion	AWD1005636	Grant	The Impact of Childhood Nutrition Assistance on Child Health and Well Being: Lessons from WIC and the School Breakfast and Lunch Programs	University of California at Davis (Robert Wood Johnson Foundation)	1/1/2018	12/31/2020	\$65,177
McLanahan, Sara	AWD1005644	Grant	The Future of Children Conference and Volume on Universal Approaches to Child Maltreatment Prevention	The Duke Endowment	1/1/2018	6/30/2019	\$50,000
Wilcove, David S.	AWD1005676	Grant	NatureNet Science Fellows Program (Burivalova)	The Nature Conservancy	1/1/2018	12/31/2018	\$46,000
Mian, Zia	AWD1005579	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	2/1/2018	1/31/2020	\$100,000
Shapiro, Jacob N.	AWD1005647	Contract	Business Development in Conflict-Affected States: An Overview of Research and Data	Department for International Development	3/9/2018	10/31/2018	\$94,284
McLanahan, Sara	AWD1005686	Grant	Reducing Justice System Inequality	Tides Foundation	4/1/2018	8/31/2018	\$49,800
Searchinger, Timothy D.	AWD1005690	Grant	Analyzing and Communicating the Greenhouse Gas and Land Use Consequences of Bioenergy	The David and Lucile Packard Foundation	4/1/2018	3/31/2020	\$250,000
Mian, Zia	AWD1005730	Grant	Reducing Nuclear Risks	The John D. & Catherine T. MacArthur Fdn	4/1/2018	3/31/2022	\$2,800,000



**Woodrow Wilson School (WWS) (5)**ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Mian, Zia	AWD1005821	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Implementation of the Iran Nuclear Deal, and Promoting US-Iran Cooperation, a Middle East Nuclear Weapon Free Zone	Rockefeller Brothers Fund, Inc.	5/1/2018	5/1/2019	\$100,000
McLanahan, Sara	AWD1005794	Grant	Beyond Abuse and Neglect: Universal Approaches to Promoting Healthy Development in the First Years of Life	Annie E. Casey Foundation	6/1/2018	9/30/2019	\$50,000

**WWS - Office of Population Research**

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McLanahan, Sara	CNV1002111	Grant	Fragile Families and Child Wellbeing in Adolescence	NIH NICHD	9/17/2012	6/30/2019	\$8,461,080
Salganik, Matthew J.	CNV1002059	Grant	Improvements to the Network Scale-Up Method for Studying Hard-To-Reach Populations	NIH NICHD	9/27/2012	9/30/2017	\$523,395
McLanahan, Sara	AWD1004081	Grant	Effects of Poverty on Affective Development: A Multi-Level, Longitudinal Study	University of Michigan (NIH NIMH)	6/6/2014	5/31/2019	\$130,157
Massey, Douglas S.	AWD1004214	Grant	Infrastructure for the Office of Population Research	NIH NICHD	9/24/2014	5/31/2019	\$1,992,600
Currie, Janet Marion	AWD1004293	Grant	Princeton Center for Translational Research on Aging	NIH NIA	9/30/2014	5/31/2019	\$2,217,530
McLanahan, Sara	AWD1004213	Grant	Improving Opportunities for Urban Youth: What Can We Learn from City Comparisons?	Robert Wood Johnson Foundation	11/15/2014	11/14/2018	\$668,690
Massey, Douglas S.	AWD1004576	Grant	Public Use Data on Mexican Immigration	NIH NICHD	7/1/2015	6/30/2020	\$3,322,049
Xie, Yu	AWD1004728	Grant	Heterogeneous Treatment of Effects in Demographic Research	NIH NICHD	12/18/2015	5/31/2019	\$872,040
Salganik, Matthew J.	AWD1005023	Grant	Creating an Open Review Toolkit for Academic Books	Alfred P. Sloan Foundation	9/1/2016	8/31/2018	\$20,000
Conley, Dalton	AWD1005071	Grant	GxE and Health Inequality Over the Life Course	Russell Sage Foundation	9/1/2016	8/31/2018	\$132,997
Conley, Dalton	AWD1005111	Contract	Connected Learning Research Network	University of California at Irvine (The John D. & Catherine T. MacArthur Fdn)	9/1/2016	4/30/2018	\$196,662
Salganik, Matthew J.	AWD1005191	Grant	The Fragile Families Challenge: A Scientific Mass Collaboration to Improve the Lives of Disadvantaged Children in the United States	Russell Sage Foundation	2/1/2017	5/31/2018	\$45,890
Desmond, Matthew	AWD1005570	Grant	Eviction in America: Law, Housing and Poverty	Bill & Melinda Gates Foundation	7/1/2017	8/17/2019	\$1,237,461
Desmond, Matthew	AWD1005770	Grant	Understanding the American Child Welfare System	William T. Grant Foundation	7/1/2017	6/30/2021	\$350,000
Desmond, Matthew	AWD1005565	Grant	The Eviction Lab	The Ford Foundation	8/1/2017	7/31/2019	\$200,000
Jennings, Jennifer L.	AWD1005339	Grant	Visiting Scholar program Russell Sage Foundation: Urban School Choice and Equality of Educational Opportunity	Russell Sage Foundation	9/1/2017	6/30/2018	\$123,798
Massey, Douglas S.	AWD1005507	Grant	The Social Demography of Latinos: A Comparative Regional Analysis	Russell Sage Foundation	9/1/2017	8/31/2018	\$15,000
Desmond, Matthew	AWD1005497	Grant	The Eviction Lab	The JPB Foundation	10/15/2017	10/31/2020	\$2,254,547

ACTIVE SPONSORED AWARDS

7/1/2017 - 6/30/2018

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor / (Prime Sponsor)</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Krueger, Alan B.	AWD1005259	Grant	Measurement of Alternative and Contingent Work	Alfred P. Sloan Foundation	4/1/2017	3/31/2019	\$383,891