Office of Research and Sponsored Programs

ANNUAL REPORT: FISCAL YEAR 2018

Report of Sponsored Programs Activity for the Period 7/1/17-6/30/18

Prepared by the Office of Research and Sponsored Programs Fall 2018

Office of Research and Sponsored Programs

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Report Overview:

This report highlights sponsored program activities for the period 07/1/17 to 6/30/18 (FY 18), providing comparative data as well as historical trends. It also provides detailed information on the types of sponsored program activities occurring at Montclair State University (MSU) and data on student, post-doctoral, and trainee involvement in those activities. Also included are written narratives highlighting some of the many projects affecting local communities, as well as, Office of Research and Sponsored Programs (ORSP) outreach and professional development activities in FY 2018.

The Year in Brief:

FY 2018 proved to be an exciting year for research at MSU. Building upon MSU's status and recognition as a public research university, FY 18 was another record year in externally sponsored funding, bringing MSU 84 awards for a total of \$17.85M—the 4th year of consistent and sustained growth. In FY 18, MSU Faculty and staff submitted 155 proposals totaling \$66.82M—a 30% increase from FY 17 – and expense activities related to research and other sponsored activities increased by 22.23%, to \$16.5M. Additionally, significant achievements/milestones were achieved in FY 18 by MSU faculty. As just a few examples, Dr. Carlos Molina (Department of Biology) received a Support of Competitive Research (SCORE) grant in support of his cancer treatment research that will total \$1.3M over 3 years. In October 2017, Rodica Martin and Marc Favata (Physics & Astronomy) were recognized as part of the historical international LIGO scientific collaboration team in the detection of gravitational waves and light produced by the collision of two neutron stars. Dr. Favata received a prestigious Simons Fellowship in furtherance of his research.

Also, in FY 18, ORSP and MSU welcomed Dr. M. Scott Herness as Vice Provost for Research and Dean of the Graduate School. In this position, Dr. Herness is responsible for leading the continued advancement of research and graduate studies at MSU.

ORSP Staff, Workshops, and Trainings in FY 18:

Kathryn Dorsett joined ORSP in early 2018 as our Sponsored Programs Administrator. Kate is responsible for non-financial post-award, and has assumed the administration of the MSU internal awards program from Catherine Bruno. Amanda Lopez joined ORSP in early FY 18 as our Graduate Program Assistant, managing the day-to-day administrative functions of the office while also enrolled in MSU's Master's program in counseling. In late FY18, Valerie Trupp joined ORSP as our Senior Pre-Award Officer, with a wealth of pre-award experience gained most recently at Rutgers University. During this staffing transition, ORSP was able to offer limited training and outreach activities, as noted in Section VIII of this report, and we plan to offer additional activities in FY 19 and beyond.

On behalf of ORSP, we congratulate MSU faculty and staff for their continued excellence and celebrate their invaluable contributions in making our designation as a public research university a reality. Exciting times lay ahead!

Sincerely,

Frederic "Ted" Russo, Director, Office of Research and Sponsored Programs Dr. Scott Herness, Vice Provost for Research; Dean, The Graduate School

Fiscal Year 2018 "At-a-Glance" A Summary of FY 18 Sponsored Programs Activity (with comparative FY 17 data)

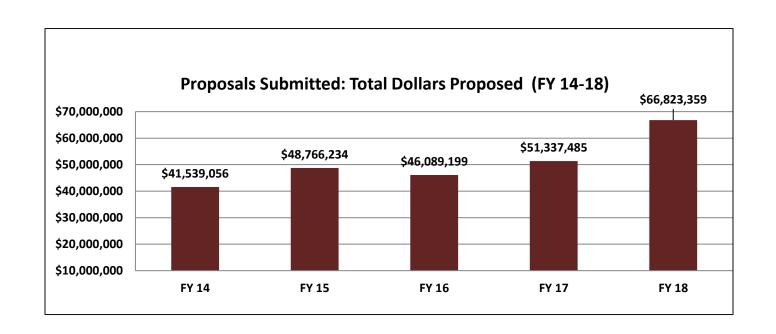
		FY 17	FY 18	% Change
I. Number of Proposa	l Submissions	175	158	-9.71%
II. Total Proposed Dol	II. Total Proposed Dollar Amount			
	Direct Costs	45,156,033	59,441,558	31.64%
	Indirect Costs	6,181,452	7,381,801	19.42%
Total		\$51,337,485	\$66,823,359	30.16%
	•			
		FY 17	FY 18	
III. Number of Award	Actions	72	84	16.67%
IV. Total Awarded Do	llar Amount	FY 17	FY 18	
	Direct Costs	11,160,608	16,201,703	45.17%
	Indirect Costs	1,387,761	1,654,512	19.22%
Total		\$12,548,369	\$17,856,215	42.30%
VI. Expense Activity*		FY 17	FY 18	
	Direct Expenses	12,593,633	15,152,806	20.32%
	Indirect Expenses	896,373	1,335,626	49.00%
Total	-	\$13,490,006	\$16,488,432	22.23%

^{*}Expense activity: Sponsored programs expenditures to include salary and wages, fringe benefits, equipment costs, other direct costs, and indirect costs. (Provided by the Division of Finance & Treasury.)

Montclair State University: Proposals Submitted and Proposed Dollar Amount by College/Division (FY 17 & FY 18)

	Fiscal Ye	ear 2017 (July 1	I, 2016-June 3	0, 2017)	Fiscal Ye				
College / Division	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	% change Total Dollars Proposed (FY 17 to FY 18)
CART	3	1.71%	155,000	0.30%	3	1.90%	64,325	0.10%	-58.50%
CEHS	32	18.29%	13,471,809	26.24%	39	24.68%	24,655,248	36.90%	83.01%
CHSS	47	26.86%	9,291,226	18.10%	33	20.89%	8,520,930	12.75%	-8.29%
CSAM	80	45.71%	26,794,952	52.19%	71	44.94%	31,607,918	47.30%	17.96%
SBUS	-	-	-		-	-	-	-	-
Other*	13	7.43%	1,624,498	3.16%	12	7.59%	1,974,938	2.96%	21.57%
Total	175	100.00%	<u>\$51,337,485</u>	100.00%	158	100.00%	\$66,823,359	100.00%	30.16%

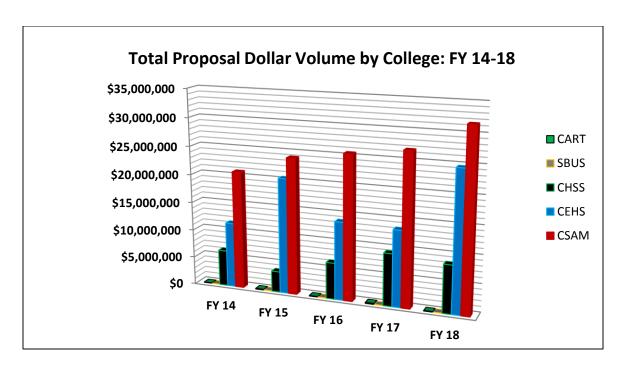
^{*}Other includes Academic Affairs (Provost's Office, Center for Community Engagement, Office of International Engagement, Research Academy for University Learning, Library Services); Student Development and Campus Life (Office for Social Justice and Diversity, and Residential Life); and University Facilities.

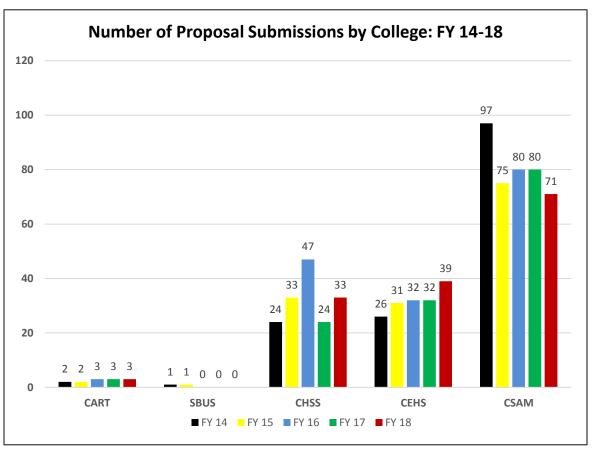


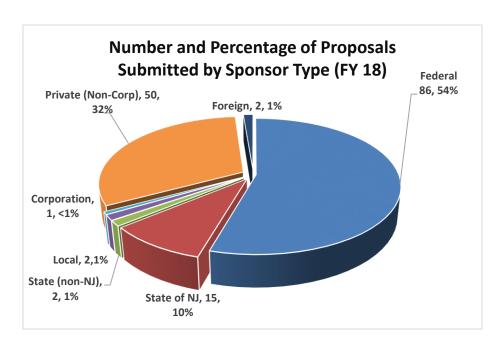
Proposals Submitted: Total Dollars Proposed by College/Division (FY 14-18)

College / Division	FY 14	FY 15	FY 16	FY 17	FY 18	% change FY 14-18
College of the Arts (CART)	40,000	105,000	72,828	155,000	64,325	60.81%
College of Education and Human Services (CEHS)	11,534,659	20,402,539	13,823,475	13,471,809	24,655,248	113.75%
College of Humanities and Social Sciences (CHSS)	6,400,399	3,700,499	6,468,559	9,291,226	8,520,930	33.13%
College of Science and Mathematics (CSAM)	20,840,072	24,039,004	25,526,495	26,794,952	31,607,918	51.67%
School of Business (SBUS)	2,725	30,300	26,080	-	-	-
Other Programs	2,721,201	488,892	171,762	1,624,498	1,974,938	-27.42%
Totals:	\$41,539,056	\$48,766,234	\$46,089,199	\$51,337,485	\$66,823,359	60.87%

Over the last 5 fiscal years, the total of dollars proposed has increased by an average of 14.77% a year.



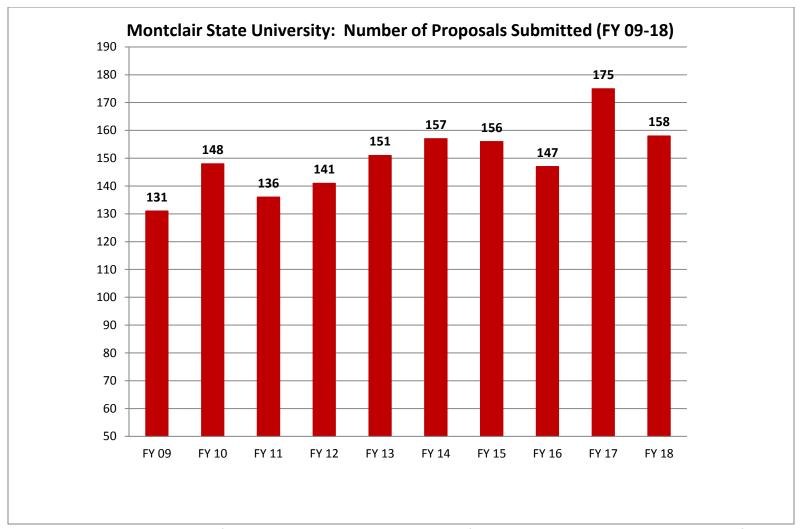




Proposed Dollar Amount by Sponsor Type: FY 17/18

	FY 17	FY 18	% change
Federal	43,821,577	43,659,515	-0.37%
State	981,164	12,424,935	1166.35%
State (Non-NJ)	50,000	71,698	43.40%
Local (Municipalities)		36,485	
Corporation	312,061	127,600	-59.11%
Private (Non-Corp)	5,789,387	10,469,801	80.84%
Foreign	383,296	33,325	-91.31%
Total	\$51,337,485	\$66,823,359	30.16%
Average Proposal Amount	\$300,219	\$431,118	43.60%

^{*}Average proposal request is adjusted for submissions in which budgets are not requested (e.g., preliminary proposals).



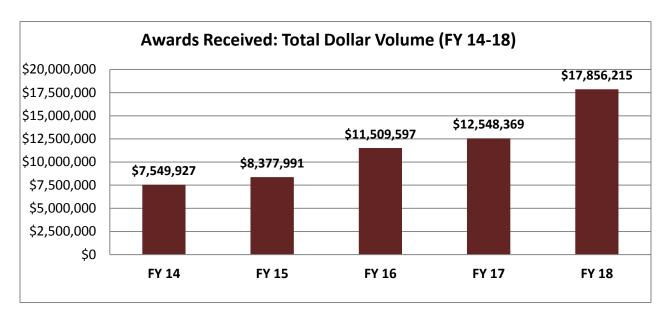
Over the past 10 years, the total number of proposals submitted has increased steadily from year to year, with an average growth rate of 5.1% per year.

Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 17 & FY 18)

	Fiscal Ye	ear 2017 (July	1, 2016-June 3	0, 2017)	Fiscal Year 2018 (July 1, 2017-June 30, 2018)				
College / Division	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	% change Total Dollars Awarded (FY 17 to FY 18)
CART	4	5.56%	148,009	1.18%	4	4.76%	81,617	0.46%	-44.86%
CEHS	17	23.61%	4,818,927	38.40%	18	21.43%	10,573,722	59.22%	119.42%
CHSS	14	19.44%	1,335,092	10.64%	16	19.05%	624,226	3.50%	-53.24%
CSAM	30	41.67%	5,267,098	41.97%	36	42.86%	5,532,978	30.99%	5.05%
SBUS	-	-	-		-	-	-	-	-
OTHER*	7	9.72%	979,243	7.80%	10	11.90%	1,043,672	5.84%	6.58%
Total	72	100.00%	<u>\$12,548,369</u>	100.00%	84	100.00%	<u>\$17,856,215</u>	100.00%	42.30%

Total awards dollars to MSU in FY 18 increased by 42.3%, to another MSU record high of \$17.86 million, representing 4 straight years of sustained growth.

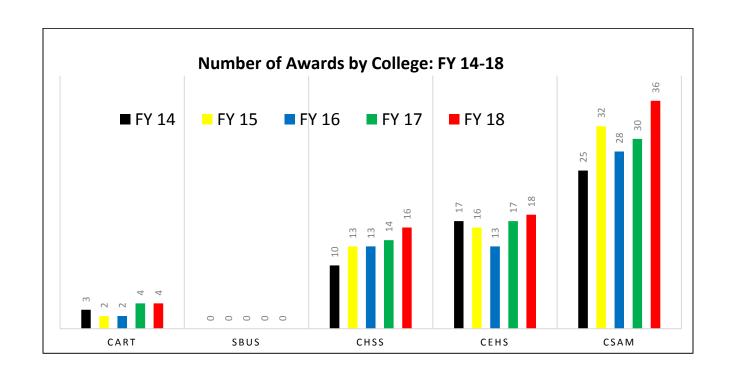
*Other includes Academic Affairs (Center for Community Engagement, Office of International Engagement, Library Services); Student Development and Campus Life (Counseling and Psychological Services, Health Promotion and Intercollegiate Athletics, Office for Social Justice and Diversity); and University Facilities.



Awards Received: Total Dollar Volume by College/Division (FY 14-18)

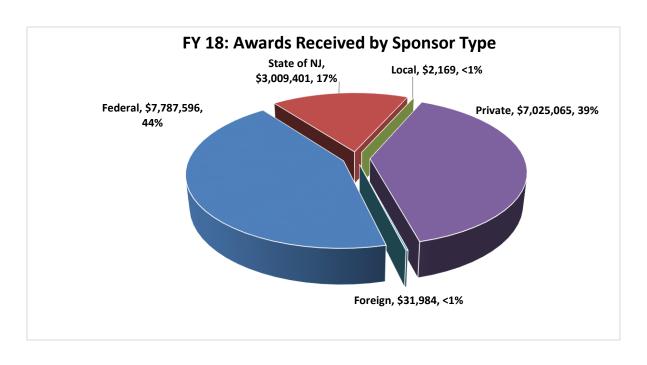
						(% change FY
College / Division	<u>FY 14</u>	<u>FY 15</u>	<u>FY 16</u>	<u>FY 17</u>	<u>FY 18</u>	<u>17/18)</u>
College of the Arts (CART)	87,341	62,341	62,341	148,009	81,617	-44.86%
College of Education and Human Services (CEHS)	2,628,346	3,340,479	7,604,079	4,818,927	10,573,722	119.42%
College of Humanities and Social Sciences (CHSS)	1,832,648	1,293,645	1,221,716	1,335,092	624,226	-53.24%
College of Science and Mathematics (CSAM)	2,733,345	2,865,528	1,836,473	5,267,098	5,532,978	5.05%
School of Business (SBUS)	-	-	-	-	-	-
*0.1	260 247	045.000	704.000	070 240	4 000 400	07.200/
*Other Sponsored Programs	268,247	815,998	784,988	979,243	1,833,180	87.20%
Totals:	\$7,549,927	\$8,377,991	\$11,509,597	\$12,548,369	\$17,856,215	42.30%

MSU award growth has grown an annual average of 13% (in dollar volume) and 7% (number of awards) over the past 5 Fiscal Years. *Other includes Student Development and Campus Life, and Academic Affairs.



Total Awards by College (FY 14-18)

	FY 14	FY 15	FY 16	FY 17	FY 18	% change (FY 14- 18)
CART	\$87,341	\$62,341	\$62,341	\$148,009	\$81,617	-6.55%
SBUS		1	ı	-	-	
CHSS	\$1,832,648	\$1,293,645	\$1,221,716	\$1,335,092	\$624,226	-65.94%
CEHS	\$2,628,346	\$3,340,479	\$7,604,079	\$4,818,927	\$10,573,722	302.30%
CSAM	\$2,733,345	\$2,865,528	\$1,836,473	\$5,267,098	\$5,532,978	102.43%
Total	\$7,281,680	\$7,561,993	\$10,724,609	\$11,569,126	\$16,812,543	130.89%



Total Awards Received by Sponsor Type (FY 17/18)

	FY 17	FY 18	% change
Federal	\$9,384,123	\$7,787,596	-17.01%
State of NJ	\$2,028,268	\$3,009,401	48.37%
State (non-NJ)		-	-
Local			
(Municipalities)	-	\$2,169	-
Private	\$967,142	\$7,025,065	626.37%
Foreign	\$125,021	\$31,984	-74.42%
Total	\$12,504,554	\$17,856,215	42.80%

Total Number of Awards Received by Sponsor Type (FY 17/18)

	FY 17	FY 18	% change
Federal	41	41	0.00%
State of NJ	12	15	25.00%
State (non-NJ)	-	-	-
Local			
(Municipalities)	-	1	-
Private	15	23	53.33%
Foreign	3	4	33.33%
Total	71	84	18.31%

In FY 18, a major shift in the distribution of MSU's award portfolio is seen. The decline in federal funding in FY 18 is offset by significant increases in private and state funding.

Total Number of Awards Received and Awarded Amount by Federal Sponsor (FY 17/18)

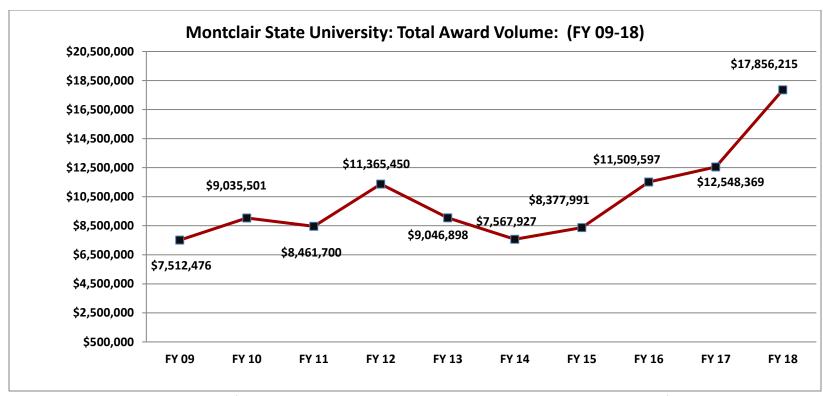
FY 17

FY 18

				Avg.					% change total amount
Sponsor	Number	Amount	% Total	Award Amount	Number	Amount	% Total	Avg. Award Amount	awarded: FY 17/18
National Science Foundation	18	\$5,227,627	55.71%	\$290,424	13	\$2,954,636	37.94%	\$227,280	-43.48%
National Institutes of Health	3	\$118,539	1.26%	\$39,513	7	\$1,091,969	14.02%	\$155,996	821.19%
Department of Education	4	\$2,169,482	23.12%	\$542,371	3	\$1,928,357	24.76%	\$642,786	-11.11%
Department of Defense	1	\$145,170	1.55%	\$145,170	1	\$195,953	2.52%	\$195,953	34.98%
Department of Agriculture	2	\$225,000	2.40%	\$112,500	2	\$346,441	4.45%	\$173,221	53.97%
Department of Energy	1	\$56,379	0.60%	\$56,379		-	-	-	-
*DHHS	4	\$935,750	9.97%	\$233,938	4	\$543,289	6.98%	\$135,822	-41.94%
Department of State	1	\$42,000	0.45%	\$42,000	1	\$55,891	0.72%	\$55,891	33.07%
Corporation for National and									
Community Service	2	\$302,914	3.23%	\$151,457	1	\$295,747	3.80%	\$295,747	-2.37%
EPA	1	\$15,000	0.16%	\$15,000	3	\$148,679	1.91%	\$49,560	891.19%
National Endowment for the									
Arts	1	\$40,000	0.43%	\$40,000	-	-	-	-	-100.00%
NASA	2	\$100,257	1.07%	\$50,129	3	\$114,288	1.47%	\$38,096	14.00%
NOAA	1	\$6,005	0.06%	\$6,005	2	\$82,346	1.06%	\$41,173	1271.29%
US Fish and Wildlife Service	-	-	-	-	1	\$30,000	0.39%	-	-
Totals	41	\$9,384,123	100.00%	\$228,881	41	\$7,787,596	100.00%	\$189,941	-17.01%

The National Science Foundation, continues to top the list of federal funders to MSU, although MSU has had increased success with the National Institutes of Health, showing a doubling in number of awards received.

^{*}DHHS includes Substance Abuse and Mental Health Services Administration (SAMSHA) and Centers for Disease Control and Prevention (CDC)

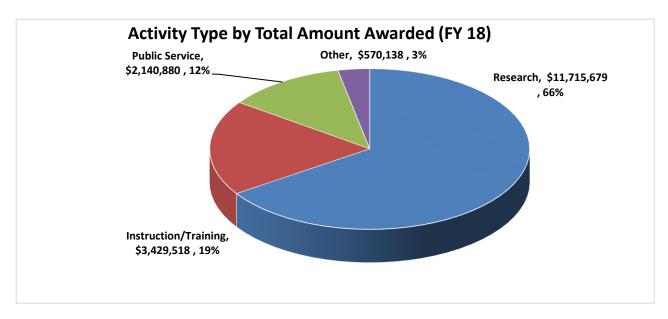


Award growth has more than doubled from FY 09-FY 18, with a 12.5% average annual growth increase, and 4 years of sustained growth in an increasingly competitive funding environment.

Type of Activity: FY 17/18 Awarded Projects/Programs

		F	Y 17		FY 18			
	% of			% of % of				% of
	Number	Total	Amount	Total	Number	Total	Amount	Total
Research	45	62.50%	\$7,704,748	61.40%	55	65.48%	\$11,715,679	65.61%
Instruction/Training	5	6.94%	\$1,739,697	13.86%	7	8.33%	\$3,429,518	19.21%
Public Service	8	11.11%	\$2,141,004	17.06%	7	8.33%	\$2,140,880	11.99%
Other	14	19.44%	\$962,920	7.67%	15	17.86%	\$570,138	3.19%
Total	72	100.00%	\$12,548,369	100.00%	84	100.00%	\$17,856,215	100.00%

^{*}Other = Conference/Workshops; Programmatic Activities; Fellowships, etc.



FY 18 shows a significant increase in research dollars to MSU, increasing by 52% to \$11,715,679

Type of Activity: FY 17/18 Awarded Projects/Programs

Collaborative Activity: FY 17/18 Awarded Projects/Programs (Research)

	FY 17		FY 1	.8
	Number	% of Total	Number	% of Total
Single PI/PD	20	44.44%	26	46.30%
Inter-Departmental and/or Inter-College	8	17.78%	5	9.26%
Intra-departmental	4	8.89%	4	7.41%
External Collaborations	13	28.89%	20	37.04%
Total	45	100.00%	55	100.00%

Collaborative Activity: FY 17/18 Awarded Projects/Programs (Non-Research)

	FY 17		FY 18	
	Number	% of Total	Number	% of Total
Single Project Director	15	55.56%	16	53.33%
Inter-Departmental and/or Inter-College	2	7.41%	2	6.67%
Intra-departmental	4	14.81%	6	20.00%
External Collaborations	6	22.22%	6	20.00%
Total	27	100.00%	29	100.00%

Training/Employment Data: FY 17/18 Awards by Position

· ,	•			
	FY 17		FY 18	
	# of Positions	Total	# of Positions	Total
Student Workers*(hourly)	130	\$499,383	75	\$582,516
Graduate Assistants (Stipend + Tuition)**	28.5	\$877,492	24	\$1,224,635
Post-Doctoral Associates	3.85	\$189,271	8.5	\$771,375
Trainees ***	383	\$2,368,455	225	\$1,368,606
Totals	545.35	\$3,934,601	332.5	\$3,947,132

^{*}Includes both graduate and undergraduate waged assistants.

^{**}Includes Graduate Assistants paid a monthly stipend and tuition remission to work on a sponsored project (e.g., Research Assistant).

^{***}Trainees includes student trainees (e.g., NSF REU Fellows) and paid external trainee/participants (e.g., teacher trainees) in MSU service/programmatic activities.

Detailed Award Analysis (FY 18)

Award Type	#
Grant	75
Contract	9
Total Awarded	84

Applicant Institution

MSU	56
External	
Organization	28
(MSU as	20
subrecipient)	
Total	84

#

#

Source of MSU subaward funding

US Higher Ed:	14
Corporate:	1
Foreign:	1
Nonprofit:	7
State:	3
Local:	2
Total	28

Research and Development & Non-Research and

Development Awards (FY 18)	#	% of Total
Basic Research	28	33.33%
Applied Research	27	32.14%
Total R&D Awards	55	65.48%
Non-R&D (e.g. Training, Instruction, Service)	29	34.52%
Total Awards	84	100.00%

Research and Development Awards by Field (FY 18)* # % of Total

Research and Development Awards by Field (FF 10)		70 O. 10 tu.
Computer Sciences	1	1.82%
Geo Sciences	10	18.18%
Life Sciences	23	41.82%
Math and Statistics	4	7.27%
Physical Sciences	2	3.64%
Psychology	4	7.27%
Social Sciences	2	3.64%
Non-S&E (e.g. Education)	9	16.36%
Total	55	100.00%

^{*}Research and Development fields as prescribed by the National Science Foundation

Awards by Principal Investigator/Project Director Appointment (FY 18)

Appointment	#	Amount	% of Total
Associate Prof. (or			
above)	47	\$11,448,703	64.12%
Assistant Professor	14	\$1,259,283	7.05%
Professional Staff	23	\$5,148,229	28.83%
Total	84	\$17,856,215	100.00%

Montclair State University: Internal Awards Program: Fiscal Year 2017-Fiscal Year 2019

	FY 17			FY 18		FY 19
Internal Awards	# of Awards	Total \$ Awarded	# of Awards	Total \$ Awarded	# of Awards	Total \$ Awarded
Summer Grant						
Proposal Development	1	48,055	8	32,000	12	47,000
Separately Budgeted						
Research	5	21,338	8	39,633	7	26,252
Student Faculty						
Research	8	15,998	6	11,200	6	11,988
Career Development						
	n/a	n/a	17	66,660	14	51,609
Faculty Research						
Mentoring	n/a	n/a	4	6,000	3	4,500
Total	24	\$85,391	43	\$155,493	42	\$141,349
Average Award Amoun	nt	\$3,558		\$3,616	_	\$3,365

MONTCLAIR STATE UNIVERSITY

Comparative Summary of Sponsored Program Expense Activity FY2018 and FY2017

Natural Expense Category	FY2018 Expenses	FY2017 Expenses	% Change	
. ,	·	·	C	
Salary & Wages	7,884,072	5,943,144	32.66%	
Fringe Benefits	1,163,046	838,595	38.69%	
Equipment	474,398	541,240	-12.35%	
Other Direct Expenses	5,631,290	5,270,655	6.84%	
Total Direct Expenses	15,152,806	12,593,633	20.32%	
Indirect Expenses	1,335,626	896,373	49.00%	
Total Sponsored Program Expenses	16,488,432	13,490,007	22.23%	

Source: Office of Finance and Treasury: MSU Ledger Actuals

VII. Campus and Community Impact: To follow, are just some of the *many* sponsored activities and programs that are directly impacting our campus, communities, state, and region. In FY 18, over \$7M in funding was awarded to MSU in support of research, education/awareness, outreach, training and public service projects impacting the tri-state region. For more information on MSU's sponsored activities, please visit ORSP's awards archive.

- Year 4 funding of \$1,424,793 from the U.S. Department of Education in support of the "Newark/Montclair Urban Teacher Residency Program." This program, in partnership with the Newark Public Schools (NPS), seeks to improve student achievement by applying rigorous research-based teacher preparation to the concrete needs of the NPS. The Newark Montclair Urban Teacher Residency (NMUTR) is designed to recruit talented individuals, including those from underrepresented groups and other careers, into teaching math, science, and early childhood special education. The NMUTR also increases teacher quality and retention, which ultimately improves student achievement. PI/PD's: Jennifer Robinson, Center of Pedagogy (CEHS)
- \$486,034 from the U.S. Department of Education, representing Year 4 in support of the "<u>University Assisted Full Service Community Schools Program</u>." This program allows MSU to work closely with the Orange Public School District to convert two low-performing Title I schools into University-Assisted Full-Service Community Schools.

PI/PD: Bryan Murdoch, Center for Community Engagement (Academic Affairs)

- \$102,000 in Year 2 funding from the **U.S. Department of Health and Human Services/Substance Abuse** and Mental Health Services Administration for the "<u>Project Suicide Awareness Violence Education and Response (Project SAVER) at Montclair State University</u>" program. Project SAVER, a 3-year program, will support mental health services on campus focused on suicide and self and other directed violence prevention. The initiatives proposed by Project SAVER are comprised of two major components, a MSU on-campus initiative, known as Project HawkSAVER, and an off-campus initiative to establish a consortium for suicide prevention among institutions of higher education throughout the state of New Jersey, or The University and College Alliance for Prevention of Suicide (UCAPS). **PI/PD's: Jude Uy and Jaclyn Friedman-Lombardo, Counseling and Psychological Services** (SDCL)
- \$246,238 from the **NJ Department of Children and Families** for the "Post BA Certificate in Adolescent Advocacy 2017-2018" program. This program, the result of a collaboration between Montclair State University and the Department of Children and Families (DCF), has been designed to provide Child Protection and Permanency workers (CP&P) (Formerly The Division of Youth and Family Services DYFS) and DCF workers who wish to further their expertise in working with adolescents in the public welfare system with a multidisciplinary understanding of the role of the child advocate as seen through the disciplines of law, psychology, and social work among others. Students gain the necessary knowledge and skills to work effectively with the adolescent population. **PI/PD: Jason Dickinson (CHSS)**
- \$1,463,694, in funding from the NJ Department of Children and Families for "Project LAUNCH" 2017-2018", which trains providers in Essex County in evidence-based curricula that aim to enhance the caregiver-child relationship and promote emotional and relational wellness.
 PI/PD's: Gerard Costa and Kaitlin Mulcahy, Center for Autism and Early Childhood Mental Health (CEHS)

- A \$50,000 grant from the NJ Department of Environmental Protection for "It Pays to Plug In: NJ's Electric Workplace Charging Grant at Montclair State University." This grant program provides grants to employers to offset the cost of installing electric vehicle charging stations, and supports and encourages employees to drive electric vehicles to work, thus reducing emissions.
 - PI/PD: Shawn Connolly (Vice-President, University Facilities)
- A \$10,200 supplemental grant from the New York-New Jersey Harbor & Estuary Program for a program entitled "Stopping Trash Where it Starts." This project, funded by the US Environmental Protection Agency, will characterize and identify the sources of trash and floatables on the Passaic River and the Newark Bay, the local conditions contributing to trash dispersal, and community-specific actions for reducing trash at the source. Dr. Wu will fill data and information gaps on prominent sources and types of litter in the greater New York and New Jersey Harbor and Estuary so that pollution prevention measures can be targeted by material, by watershed, and/or by key stakeholders.

PI/PD: Meiyin Wu (CSAM)

\$283,875 grant from the US Department of Health and Human Services/SAMHSA for year 4 Year funding of "Project C.O.P.E.," which works to prevent substance abuse and the spread of HIV among African American and Latino youth in Paterson, NJ.

PI/PD's: Robert Reid and Pauline Garcia-Reid (CEHS)

A US Department of Health and Human Services/SAMHSA grant in the amount of \$125,000 to support of the Paterson Coalition Against Substance Abuse (P-CASA). P-CASA seeks to develop the infrastructure of an anti-drug coalition targeting at-risk racial and ethnic minority adolescents in Paterson's 1st Ward. As a collaborative effort between Montclair State University and a diverse group of community stakeholders, P-CASA will introduce evidence-based environmental prevention strategies to meet the goals of the Drug Free Communities Grant Program, which are to increase community collaboration and reduce substance use among youth aged 12–17.

PI/PD's: Robert Reid and Pauline Garcia-Reid (CEHS)

- A \$71,224 for Year 2, and supplemental funding from the NJ Department of Human Services for the "New Jersey Hearing Aid Project," which is an effort to provide low income individuals access to needed hearing aid devices and related audiological services that otherwise are not available due to cost. PI/PD's: Janet Koehnke and Maris Appelbaum (CHSS)
- A New Jersey State Council on the Arts grant in the amount of \$54,464 for General Programming Support FY 2018, which will help support Peak Performances' mission to provide unique theatrical experiences that foster both creativity and learning for on-campus and community audiences. In addition, NJSCA also recognized MSU's Arts and Cultural Programming for Artistic Excellence as well as designated it as a Major Cultural Institution in NJ.

PI/PD: Jedediah Wheeler, Arts and Cultural Programming (CART)

A New Jersey State Council on the Arts grant in the amount of \$12,828 for General Programming Support FY 20178, which will support professional exhibitions specifically to produce exhibition catalogs and other marketing materials to promote the shows, educational programs, outreach plans, and new audience development in the seven counties MSU cultivates and the general public.

PI/PD's: Teresa Rodriguez, University Art Galleries (CART)

 The fourth year of grant funding of \$71,802 for "Garden State LSAMP Phase II," funded by a subaward from Rutgers University, and sponsored by the National Science Foundation. This project will continue and extend the programmatic support for underrepresented students heading into the sciences other than medicine.

PI/PD's: Dean of CSAM, Lora Billings & Aihua Li (CSAM)

A\$133,118 grant from the NJ Department of Education for a project entitled "Building Teacher
Leadership Capacity to Support Beginning Teachers." The project will leverage the power of schooldistrict-university partnerships to improve support for novice teachers in New Jersey by preparing
teacher leaders to be mentors who will then support new teachers. Through this program, it is expected
that participating districts will improve student outcomes by building their capacity to improve
beginning teacher practices, teacher retention, and school culture.

PI/PD: Jennifer Robinson. Center of Pedagogy (CEHS)

A \$340,000 subaward from the Academy of Natural Science of Philadelphia, sponsored by the Delaware
Watershed Research Fund/William Penn Foundation entitled "Revisiting the Musconetcong River after
Ten Years." This study will investigate the changes in water quality and quantity after 10-years of efforts
implementing best management practices and watershed restoration in the Lower Musconetcong
watershed.

PI/PD's: Meiyin Wu, Lee Lee & Jessica Miller, Biology (CSAM)

• A \$2,169 award from the Essex County Department of Parks, Recreation and Cultural Affairs to fund a project entitled "Develop a Geodatabase for Essex County, NJ - Part 1." This project will create a geodatabase of the Park system. The geodatabase will be populated with available data to investigate and manage complex environmental challenges such as pollution and contamination, pollution reduction, flooding, sediment remediation, ecosystem restoration, etc.

PI:PD's: Meiyin Wu, Biology (CSAM) Amy Ferdinand, (University Facilities)

• A \$20,000 grant from the NJ Council for the Humanities that supports "Roboto-san: The contrasting visions of Artificial Intelligence and Robotics in Japanese and Western culture." The project offers a series of free public activities from October to December 2017 that explore differing perspectives on artificial intelligence and robotics in Japanese and Western cultures. The program will also address related themes, including the philosophical questions posed by robotics, the history of "intelligent machines," and New Jersey's role in the development of artificial intelligence.

PI:PD's: Steven Shapiro (Library) & Stefan Robila (CSAM)

 A \$7,325 mobility grant from the Accion Cultural Espanola (AC/E). Angelica Liddell will perform "Esta Breve Tragedia de la Carne" in a rare US appearance for 4 performances in April 2018. Inspired by the work of Emily Dickinson, she uses Dickinson's repeated use of the word "bees" and her self-imposed confinement, represented as a solitary chair, as the springboard for her imaginative interpretation of the poet's tumultuous inner life.

PI/PD: Jedediah Wheeler (CART)

VIII. ORSP Service Metrics

A. ORSP Hosted Workshops

New Faculty Orientation 2017

October 16, 2017
Presented by ORSP Staff

Grant Competitiveness Conference

American Association of Colleges and Universities Grant Resources Center February 20-23, 2018 Online Sessions Hosted by ORSP Staff

B. ORSP Funding Dissemination Efforts

- o ORSP's listserv disseminated 289 opportunities in FY18.
- o Pre-award staff distributes approximately 10 to 15 individual opportunities per month.

C. ORSP Newsletter

Sixth volume of "Windows of Opportunity"

Featured 5 original articles and interviews contributed by the MSU community, including ORSP, IRB, and the Harry A. Sprague Library.

D. Attendance at Trainings by Staff Members

- Ted Russo, Director
 - National Council of University Research Administrators
 - o 59th Annual Meeting, Lead Presenter (August 2017) on Research Compliance
 - National Science Foundation, Proposal & Award Policies & Procedures Guide (PAPPG) Update Webinar (December 2017)
 - American Association of State Colleges and Universities, Grants Competitiveness Conference
 Online Sessions (February 2018)
 - National Council of University Research Administrators, "<u>Diving Into Contracting</u>" Webinar (June 2018)

• Catherine Bruno, Post-Award Officer

- National Council of University Research Administrators 59th Annual Meeting, Co-Presenter (August 2017)
- National Science Foundation, Proposal & Award Policies & Procedures Guide (PAPPG) Update
 Webinar (December 2017)
- American Association of State Colleges and Universities, Grants Competitiveness Conference
 Online Sessions (February 2018)
- MSU Office of International Engagement, "International Employees: Hiring, Onboarding, & More" Workshop (March 2018)

 National Council of University Research Administrators, "Diving Into Contracting" Webinar (June 2018)

• Kathryn Dorsett, Sponsored Programs Administrator

- American Association of State Colleges and Universities, Grants Competitiveness Conference
 Online Sessions (February 2018)
- MSU Office of International Engagement, "International Employees: Hiring, Onboarding, & More" Workshop (March 2018)
- National Council of University Research Administrators, Level 1: Fundamentals of Sponsored
 Project Administration Workshop (May 2018)
- National Council of University Research Administrators, "Diving Into Contracting" Webinar (June 2018)

Amanda Lopez, Graduate Program Assistant

- American Association of State Colleges and Universities, Grants Competitiveness Conference
 Online Sessions (February 2018)
- National Science Foundation, Proposal & Award Policies & Procedures Guide (PAPPG) Update Webinar (December 2017)

• Dana Natale, Research Development Specialist

- National Science Foundation, Electronic Research Administrator (ERA) Forum Webinar (September 2017 and April 2018)
- National Science Foundation, Proposal & Award Policies & Procedures Guide (PAPPG) Update
 Webinar (December 2017)
- o MSU Institutional Review Board, Common Rule Workshop (January 2018)
- American Association of State Colleges and Universities, Grants Competitiveness Conference (February 2018)

• Valerie Trupp, Senior Pre-Award Specialist

 National Council of University Research Administrators Webinar: NSF Fundamentals Workshop (August 2017, while at Rutgers University)

Sam Wolverton, Pre-Award and Outreach Specialist

- National Science Foundation, Electronic Research Administrator (ERA) Forum Webinar (September 2017 and April 2018)
- National Science Foundation, Proposal & Award Policies & Procedures Guide (PAPPG) Update Webinar (December 2017)
- IRB Common Rule Workshop (January 2018)
- National Science Foundation, S-STEM Webinar (February 2018)
- American Association of State Colleges and Universities, Grants Competitiveness Conference
 Online Sessions (February 2018)

ge/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
DEMIC AFFAIRS (AA)						
CENTER FOR COMMUNITY ENGAG	GEMEN I ock, Bryan/Woolston,					
Krysta Conse		Montclair State University EECO Project	NJ Commission on National and Community Service	9 /1 /2018	8/31/2021	\$ 447,729
Conse	I/Fitzgerald, Randall (NJ School of rvation)/Thomas, William (NJ I of Conservation)	Montclair State University EECO Project	NJ Commission on National and Community Service	9 /1 /2018	8 /30/2021	\$ 373,200
	•	Dr. Martin Luther King, Jr. Day of Service-2018	NJ Commission on National and Community Service	1/1/2018	1/31/2018	\$ 4,000
		Total Proposals for Center for Community Engagement: 3	Total Requested for Ce	nter for Community	/ Engagement:	\$ 824,929
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	•	M Stabat Mater	Consulate General of Israel	1 /1 /2018	12/31/2018	
		Mobility Grant for Angélica Lidell	Acción Cultural Española (AC/E)	2 /1 /2018	5 /13/2018	
Wheel	ler, Jedediah	Thank You For Coming: Space (working title)	National Endowment for the Arts	1 /1 /2019	6 /30/2019	\$ 50,000
		Total Proposals for CART: 3		Total Reque	sted for CART:	\$ 64,325
COLLEGE OF EDUCATION AND HU	• •					
Center for Autism and Early Childhoo	od Mental Health					
	Gerard/Catalano, ne/Mulcahy, Kaitlin	Clinical Formation Initiative in Infant and Early Childhood Mental Health	U.S. Department of Health and Human Services/SAMHSA - Subaward to Family Intervention Services, Children's Aid and Family Services, and Youth Consultation Services Institute for Infant and Preschool Mental Health	9 /30/2018	9 /29/2023	\$ 2,500,000
Costa	Gerard/Mulcahy, Kaitlin	Pilot Study for New Jersey Preschool Expulsion	Schumann Fund for NJ	1 /1 /2018	12/31/2018	\$ 46,000
		Pilot Study of Preschool Expulsion in New Jersey	Schumann Fund for NJ	7 /1 /2018	6/30/2019	. ,
	•	Pilot Study of Preschool Expulsion in New Jersey	The Henry and Marilyn Taub Foundation	1 /1 /2019	12/31/2019	
,	,	Project LAUNCH 2017-2018	NJ Department of Children and Families	7 /1 /2017	6 /30/2018	
	•	Socio-Emotional Formation Initiative (MSU-SEFI) 2017-2018	NJ Department of Human Services	7 /1 /2017	6/30/2018	
Mintz,	. Mark/Costa. Gerard	The Partnership for the New Jersey Autism Center of Excellence at Montclair State University	NJ Department of Health - Subaward to Center for Neurological and Neurodevelopmental Health, Atlantic Health System, and Statewide Parent Advocacy Network	4 /2 /2018	3 /31/2023	\$ 4,000,000
Mintz,	Mark/Costa Gerard	The Partnership for the New Jersey Autism Center of Excellence at Montclair State University (PNJACE)	NJ Department of Health - Subaward to Atlantic Health System, Statewide Parent Advocacy Network	7 /1 /2018	6 /30/2023	\$ 4,000,000
Center for Research and Evaluation of	on Education and Human Services					
Kyse, E	Eden	Action Plan, Research and Evaluation	U.S. Department of Justice, Bureau of Justice Assistance	1 /1 /2018	9 /30/2020	\$ 122,200
	Eden/Swann-Jackson, ca/Bunger, Erin	Impact of AmeriCorps Experience on Synthesized Citizenship	Corporation for National and Community Service	8/1/2017	7/31/2018	\$ 149,722
Kyse, I	Eden/Swann-Jackson, Rebecca	Proposed Scope of Work to Provide Services to New Jersey Department of Health's Division of Mental Health and Addiction Services: Middle School Risk and Protective Factors Survey (2019-2020 administration)	NJ Department of Health	7 /1 /2018	6 /30/2021	\$ 750,378
Center of Pedagogy						
Robins	son lenniter	Building Teacher Leadership Capacity to Support Beginning Teachers: Year 3	NJ Department of Education	10/1 /2017	5 /31/2018	\$ 113,000
		Building Teacher Leadership Capacity to Support Beginning Teachers:	NJ Department of Education	10/1 /2017	5 /31/2018	\$ 21,117
Robins		Year 3 Supplement	no beparement or Education			

Annual Report FY 2018: Proposals Submitted

Proposals Submitted

Proposals Submitted

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Bulkley, Katrina	School Choice Policy Research Center	Institute of Education Sciences - Subaward from Tulane University	9 /1 /2018	8 /31/2023	\$ 169,275
	Vega, Blanca	Exploring the Origins and Purposes of Racial Diversity Initiatives and Training Programs in Postsecondary Settings	Spencer Foundation	9 /1 /2018	8 /31/2019	\$ 50,000
Early Childhood/Elementary						
	Bacon, Jessica/Baglieri, Susan (Secondary and Special Education)	Increasing Access to College Project	Kessler Foundation	9 /1 /2018	8 /31/2019	\$ 20,000
Educational Foundations	, , ,					
	Gregory, Maughn	Whatever Happened to Philosophy in American Schools?	University of Wisconsin - Madison/Center for Ethics & Education	5 /1 /2018	12/31/2018	\$ 39,988
	Reznitskaya, Alina	Calibrating Classroom Discussion for Productive Argumentation	Spencer Foundation - Subaward from The Ohio State University	1/1/2019	7 /31/2022	\$ 425,785
	Rivera Rodas, Elizabeth	Advanced Mathematics Course Enrollment of First- and Second- Generation Latinos	Spencer Foundation	7 /1 /2018	8 /31/2019	\$ 22,127
	Rivera Rodas, Elizabeth	Housing Affordability in Middle-Class Neighborhoods and its Impact on the Achievement Gap	Russell Sage Foundation	6 /1 /2018	5 /31/2019	\$ 10,578
	Tinio, Pablo	Creative Art Participation from Middle- to High-School Age: Impact on Development of Identity, Creative Thinking, and Academic Achievement		7 /1 /2018	6 /30/2021	\$ 120,857
Exercise Science and Physical	Education					
	Hosick, Peter/Matthews, Evan/Su, Haiyan (CSAM)	The Role of Physical Activity and Cardiovascular Fitness in Exercise- Induced Growth Hormone Response in Obesity	National Institutes of Health (R15)	9 /1 /2018	8 /31/2021	\$ 341,965
Family Science and Human D	evelopment					
	Reid, Robert/Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA)	U.S. Department of Health and Human Services/SAMHSA	9 /30/2018	9 /29/2023	\$ 625,000
	Urban, Jennifer	Growing Relational Virtues in Parents and Children	John Templeton Foundation - Subaward from University of California, Berkeley - Subaward to Cornell University	3 /1 /2018	6 /30/2020	\$ 96,156
	Urban, Jennifer	LACE-PACE	John Templeton Foundation - Subaward from University of Missouri-St. Louis - Subaward to Cornell University	9 /1 /2018	6 /30/2021	\$ 320,000
	Urban, Jennifer/Linver, Miriam	Evaluating STEM Scouts: The Design of a Comprehensive Evaluation Plan and Feasibility Study	National Science Foundation - Subaward to American Institutes of Research	7 /1 /2018	6 /30/2019	\$ 181,513
	Urban, Jennifer/Linver, Miriam	Flourishing Together: The Effects of Adolescent Peer Groups on Character Development	John Templeton Foundation - Subaward to Texas A&M	1 /1 /2020	12/31/2022	\$ 642,106
	Urban, Jennifer/Linver, Miriam	Boy Scouts of America National Character Initiative Phase 2 - Opening Up the Black Box: Uncovering the Role of Adults in Youth Character Development - Supplement	Stephen D. Bechtel, Jr., Foundation - Subaward to American Institutes of Research and Oregon State University	1/1/2018	3 /30/2020	\$ 5,766,782
	van Eeden-Moorefield, Bradley/Opara, Ijeoma (Student)	Behavioral Sciences Training in Drug Abuse Research	National Institutes of Health (T32) - Subaward from New York University	2 /1 /2018	1/31/2019	\$ 38,506
	van Eeden-Moorefield, Bradley/Bible, Jacqueline (Student)	LGBT-Specific Health Care Training, Practitioner Attitudes, and PrEP Prescription	Society for the Scientific Study of Sexuality			\$ 1,000
Institute for Research on You	th Thriving and Evaluation					
	Urban, Jennifer/Linver, Miriam	Inspiring Purpose: Global Citizens of Africa	Templeton World Charity Foundation - Subaward from University of Calabar, Nigeria	9 /1 /2018	8 /31/2021	\$ 250,000
	Urban, Jennifer/Linver, Miriam	Templeton World: Global Innovations for Character Development	Templeton World Charity Foundation - Subaward from World Vision International	1/1/2019	12/31/2021	\$ 200,000
Nutrition and Food Studies						
	Feldman, Charles	An Assessment of the Nutritional Quality of Foods Offered in the National School Lunch Program - A National Investigation	Allen Foundation	7 /1 /2018	6 /30/2019	\$ 52,571
Public Health		Pockets of Peace: Investigating Urban Neighborhoods Resilient to				
	Leech, Tamara	Adolescent Violence	William T. Grant Foundation	9 /1 /2017	8 /31/2018	\$ 46,804
	Leech, Tamara	SAMHSA Young Adult Survey	US Department of Health and Human Services/SAMHSA - Subaward from Indiana University	8 /1 /2017	6/30/2018	\$ 31,710
Secondary and Special Educa	tion					

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Larkin, Douglas/Adams, Sandra (CSAM)	Studying the Retention of Novice Science Teachers by Learning from School District Induction and Mentoring Programs	National Science Foundation	9 /1 /2018	8 /30/2023	\$ 799,913
	Maloney, Tanya/Picower, Bree (Early Childhood, Elementary, and Literacy Education)	Investigating the Practices of Graduates of a Justice-Oriented Teacher Education Program	Spencer Foundation	9 /1 /2018	8 /31/2020	\$ 50,000
	State, Talida	Evaluating Accommodations for Secondary Students with Emotional and Behavioral Disorders (EBD)	Institute of Education Sciences - Subaward from Lehigh University	9 /1 /2018	8 /31/2021	\$ 391,323
		Total Proposals for CEHS: 39		Total Reque	sted for CEHS:	\$ 24,655,248
COLLEGE OF HUMANITIES Anthropology	AND SOCIAL SCIENCES (CHSS)					
Аншторогоду	Matthews, Christopher	Many Voices of Montclair	NJ Council for the Humanities - Subaward from Montclair History Center	10/1 /2017	9 /30/2018	\$ -
	Siegel, Peter	Historical Ecology in the Greater Antilles	National Science Foundation - Subaward to Eckerd College	6 /15/2018	6 /14/2020	\$ 652,853
	Siegel, Peter	Historical Ecology in the Greater Antilles	National Science Foundation - Subaward to Eckerd College and Florida Institute of Technology	7 /15/2018	7 /14/2020	\$ 288,122
Center for Heritage and Arch	Aryamontri, Debra/Renner, Timothy	The Emperor at Home: Uncovering the Roman Imperial "Villa of the Antonines"	National Endowment for the Humanities	10/1 /2018	9 /30/2021	\$ 249,760
Communication Sciences and	Boyle, Mary	Effects of Communication Group Treatment for Aphasia on Discourse Production and Conversational Interactions	ASHFoundation - Subaward to Aphasia Center of California	1 /1 /2019	12/31/2020	\$ 35,000
	Hitchcock, Elaine	Biofeedback-Enhanced Treatment for Speech Sound Disorder: Randomized Controlled Trial and Delineation of Sensorimotor Subtypes	National Institutes of Health (R01) - Subaward from New York University	1/1/2019	12/31/2023	\$ 1,395,353
History						
	Hayes, Dawn/Pope, Gregory (CSAM)	Documenting the Past, Triaging the Present and Assessing the Future: A Prototype for Sicily's Norman Heritage, ca. 1061-1194	National Endowment for the Humanities	6 /1 /2019	5 /31/2020	\$ 99,018
	Hayes, Dawn/Pope, Gregory (CSAM)	The Norman Sicily Project (ca. 1061-1194): The History of a Culture's Past and its Sustainability for the Future	National Endowment for the Humanities	1 /1 /2019	12/31/2021	\$ 250,000
Linguistics	Feldman, Anna	Workshop on Natural Language Processing for Internet Freedom	National Science Foundation	4 /1 /2018	3 /31/2019	\$ 15,760
	Howell, Jonathan	CAREER: Linguist-in-the-loop acoustic classification of focus	National Science Foundation	7 /1 /2018	6 /30/2023	
Modern Languages and Liter	ature					
	Jay-Rayon Ibrahim Aibo, Laurence	A Colony in Crisis in Haitian Creole: Digital Scholarship and Activism through Translation	NJ Council for the Humanities	10/1 /2017	9 /30/2018	\$ 4,920
Psychology	Bragger, Jennifer/Lakusta, Laura	The Link between Leadership Understanding and Emergence: A developmental, mutli-group, experimental approach	U.S. Army Research Institute for the Behavioral and Social Sciences	1/1/2019	12/31/2022	\$ 1,145,629
	Grapin, Sally	Teaching Multiculturalism and Social Justice to Undergraduate Psychology Majors: The Role of Service Learning	The Society for the Teaching of Psychology	1 /1 /2018	12/31/2018	\$ 2,353
	Grapin, Sally/Masia, Carrie	Selfie-Identity Matters: Exploring the Relations among Online Racial Discrimination, Racial Centrality, and Academic Achievement among African American Adolescents	American Psychological Association	1 /1 /2019	12/31/2019	\$ 10,000
	King, Christopher	Self-Perceptions, Language Preferences, and Sophistication-Maturity as relevant to the Legal System	National Science Foundation	8 /1 /2018	7 /31/2021	\$ 299,814
	King, Christopher	The Impact of a Correctional Reentry Decision-Making Mobile Video Game on Social Problem Solving, Criminogenic Needs, and Recidivism	National Institute of Justice - Subaward from Texas Tech University	1/1/2019	12/31/2020	\$ 117,331
	Lowe, Sarah	GuLF Study: Support for Mental Health Analyses	National Institutes of Health - Subaward from Social & Scientific Systems, Inc.	1/1/2018	9 /30/2018	\$ 55,605
	Lowe, Sarah	Health Disparities, Resilience, and Life Transitions Among Young Adults Exposed to a Disaster as Children	National Institutes of Health (R01) - Subaward from New York University	7 /1 /2018	6 /30/2023	\$ 112,282

ollege/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Lowe, Sarah	Optimizing Efforts to Restore Psychiatric and Social Function after a Major Hurricane	National Institutes of Health (R01) - Subaward from Boston University School of Public Health	4/1/2019	3 /31/2023	\$ 139,698
	Masia, Carrie/Sheeley-Moore, Angela (CEHS)/Reyes-Portillo, Jazmin	Enhancing the Applicability of an Evidence-based Intervention to Reduce Social Anxiety and Improve Educational Outcomes in Black and Latino High School Students	Institute of Education Sciences - Subaward from Nathan Kline Institute for Psychiatric Research	7 /1 /2018	6 /30/2021	\$ 610,327
	Propper, Ruth	Making Tomorrow's Leaders Today: Scholarship for Immersive Summer Experience in the Study of Marine Mammal Conservation, Cognition, Neuroanatomy, and Behavior	SeaWorld and Busch Gardens Conservation Fund	9 /2 /2018	9 /1 /2019	\$ 24,276
	Sandry, Joshua	Examination of Neural Mechanisms during Feedback-based Learning in Individuals with TBI with and without Clinical Depression	National Institutes of Health (R21) - Subaward from Kessler Foundation	7 /1 /2018	6 /30/2020	\$ 78,392
	Sandry, Joshua	Functional and Structural Neuroimaging of Hippocampally Mediated Memory Dysfunction in Multiple Sclerosis	National Multiple Sclerosis Society -Subaward to Kessler Foundation	9 /1 /2018	8 /31/2022	\$ 804,398
	Sandry, Joshua	Investigation of Learning Mechanisms through Delayed Feedback in Individuals with MS	National Multiple Sclerosis Society - Subaward from Kessler Foundation	9 /1 /2018	8 /31/2022	\$ 250,740
	Sandry, Joshua	Mathematical Models of Motor and Mental Speed	Consortium of Multiple Sclerosis Centers	1 /1 /2018	12/31/2018	\$ 39,083
	Sandry, Joshua	Modulatory Effects of Working Memory on Metacognition in Severe Traumatic Brain Injury	National Institutes of Health (R03) - Subaward from the University of Nebraska at Lincoln	9 /1 /2018	8 /31/2020	\$ 29,508
	Sandry, Joshua	The Effect of Feedback Presentation on the Fronto-Striatal Network Activity and Fatigue in Individuals with MS	National Multiple Sclerosis Society - Subaward from Kessler Foundation	10/1 /2017	9 /30/2018	\$ 23,675
	Sandry, Joshua	The Impact of Clinical Depression on Learning and Associated Brain Function in Individuals with TBI	U.S. Department of Defense - Subaward from Kessler Foundation	9 /30/2018	9 /29/2022	\$ 150,434
	Sessa, Valerie/Bragger, Jennifer	Longitudinal Leadership Development Study (Year 5)	C. Charles Jackson Foundation	1 /1 /2018	12/31/2018	\$ 3,069
	Wilson, John Paul	RUI: Toward an Understanding of Racial Bias in Judgments of Physical Size and Threat	National Science Foundation	1 /1 /2018	12/31/2020	\$ 219,182
	Yang, Yingying	Down Syndrome and Spatial Abilities	National Institutes of Health (R01) - Subaward from University of Alabama	9 /1 /2018	8 /31/2022	\$ 660,717
Robert D. McCormick Center Social Work and Child Advoc	for Child Advocacy and Policy Dickinson, Jason acy	Post BA Certificate in Adolescent Advocacy 2017-2018	NJ Department of Children and Families	9 /1 /2017	8 /31/2018	\$ 246,238
	Cheng, Tyrone	Health Disparities among Asian Immigrant Groups	National Institutes of Health (R21) - Subaward from Texas Woman's University	7 /1 /2018	6 /30/2020	\$ 45,773
		Total Proposals for CHSS: 33		Total Reque	ested for CHSS:	\$ 8,520,930
COLLEGE OF SCIENCE AND Biology	MATHEMATICS (CSAM)					
	Aardema, Matthew	Using patterns of ecological trait distribution across space and time to infer above ground dispersal patterns of <i>Culex molestus</i> from an urban hotspot	American Mosquito Control Association	1 /15/2018	1 /14/2019	\$ 9,883
	Bologna, Paul/Meredith, Robert/Gaynor, John	Assessment of the impacts of OCNGS on gelatinous zooplankton and planktonic community structure	NJ Department of Environmental Protection	7 /1 /2018	6 /30/2019	\$ 62,942
	Du, Charles	A single gene knock-out resource for maize: filling gaps in the genome with targeted Ds-GFP insertions	National Science Foundation - Subaward to Rutgers University	1/1/2019	12/31/2020	\$ 618,774
	Feehan, Colette	Collaborative Research: Recovery of a Keystone Marine Species: Insights from a Population Sink	National Science Foundation - Collaborative proposal with Rutgers University	7 /1 /2018	6 /30/2021	\$ 578,862
	Feehan, Colette	Promoting the Health and Resiliency of Florida's Coral Reef Ecosystem: Enhancing Herbivory by Restoring Long-Spined Urchin (Diadema antillarum) Habitat	The National Academies of Sciences, Engineering, and Medicine	3 /1 /2018	2 /28/2019	\$ 18,362
	Monsen-Collar, Kirsten/Hazard, Lisa/Goodey, Nina (Chemistry and Biochemistry)	Rapid Detection test for Ranavirus	Association of Reptilian and Amphibian Veterinarians	5 /1 /2018	4 /30/2019	\$ 3,000
	Sitnick, Mitchell	The Impact of Altered Lipid handling on Skeletal Muscle Mass regulation	National Institute of Health	4 /1 /2019	3 /31/2022	\$ 368,258
	Sitnick, Mitchell	Woodrow Wilson Course Hero Fellowship for Excellence in Teaching	Woodrow Wilson National Fellowship Foundation	7 /1 /2018	7 /1 /2019	\$ 40,000

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
Chemistry and Biochemistry	Vega, Quinn/Goodey, Nina (Chemistry and Biochemistry)	Life STEM: Improving Success and Retention of First Year Students in the Life Sciences Through Intense Training of Instructors Across Disciplines	National Science Foundation - Subaward to University of New Mexico	9 /1 /2018	8 /31/2021	\$ 599,283
,,,	Catalano, Jaclyn	RUI: Factors Influencing the Reduction of Substrates Catalyzed by CYP2S1	National Science Foundation	8 /1 /2018	7 /31/2021	\$ 269,907
	Catalano, Jaclyn/Goodey, Nina	Jean Dreyfus Lectureship: A two day biophysical seminar with a leading Biochemist	Camille and Henry Dreyfus Foundation Inc.	9 /1 /2018	8 /31/2019	\$ 18,500
	Catalano, Jaclyn/Goodey, Nina Eshuis, Hendrik	Substrate specificity determinants in CYP2S1 Computational studies of transition metal (photo)catalysis	National Institutes of Health (R15) Camille and Henry Dreyfus Foundation Inc.	5 /1 /2019 9 /1 /2018	4 /30/2022 8 /31/2023	
	Gao, Jinshan	Characterization and Enrichment of Glycoprotein via Free Radical Chemistry and High-Throughput Mass Spectrometry	Research Corporation for Science Advancement	10/1 /2017	9 /30/2020	\$ 100,000
	Gindt, Yvonne/Catalano, Jaclyn	REU Site: A pathway to success in physical chemistry through undergraduate research at Montclair State University	National Science Foundation	10/1 /2018	9 /30/2021	\$ 308,450
	Gindt, Yvonne/Catalano, Jaclyn/Gao, Jinshan/O'Neil, Glen/Tinio, Pablo (CEHS)	Building Capacity: Development of Pathways for Success for First Generation Chemistry and Biochemistry Majors	National Science Foundation	8 /15/2019	8 /14/2024	\$ 1,499,390
	Goodey, Nina	RUI: Distal ligand specificity determinants	National Science Foundation	9 /1 /2018	8 /31/2021	\$ 333,873
	Goodey, Nina/Angel, Allyssa (Student)	Rapid, DNA Based Test for Ranavirus Detection	Rutgers University/NJ Water Resources Research Institute	9/1/2018	8/31/2019	\$ 5,000
	Goodey, Nina/Hagmann, Diane (Student)	Identification of Organic Compounds at Liberty State Park	Hudson River Foundation	7 /1 /2018	6 /30/2019	\$ 16,000
	Goodey, Nina/Hazard, Lisa (Biology)/Monsen-Collar, Kirsten (Biology)	Development of Rapid, DNA-Based Test for Detection of Ranavirus To Be Used In the Field	National Geographic Society	10/15/2018	10/14/2019	\$ 50,000
	O'Neil, Glen	RUI: Very High Density Electrochemical Sensing using Light-Activated Electrochemistry	National Science Foundation	6 /1 /2018	5 /31/2021	\$ 365,295
	Siekierka, John	Celegene Corporation Sponsored Research Agreement: Development of Anti-Parasitic Drugs	Celegene Corporation	2/13/2018	12/31/2018	\$ \$ 127,600
Computer Science	Dong, Boxiang	SaTC: CORE: Small: Collaborative: Protecting Task Privacy While Providing Utility for Crowdsourced Data Analytics Systems	National Science Foundation - Collaborative proposal with Stevens Institute of Technology	9 /1 /2018	8 /31/2021	\$ 99,758
	Herbert, Katherine/Goodey, Nina (Chemistry and Biochemistry)/Knight, Scott (Dean's Office)/Ruszczyk, Stephen (CHSS)	PROGRESS: PROmoting Graduate Education for Success in the Sciences	National Science Foundation - Subawards to Seton Hall University, College of Saint Elizabeth, and William Paterson University	9 /1 /2018	8 /31/2023	\$ 4,999,051
	Peng, Jing Robila, Stefan	Dynamic Multi-View Learning National Science Foundation Intergovernmental Personnel Act	Air Force Office of Scientific Research National Science Foundation	7 /1 /2018 1 /22/2018	6 /30/2021 1 /22/2019	
	Zhu, Michelle/Lal, Pankaj (Earth and Environmental Students/PSEG Institute for Sustainability Studies)/Li, Dawei	CyberTraining: CIU: Instill High Performance Computing, Data Analytics and Visualization in Workforce Training for Computing and Earth Sciences	National Science Foundation	9 /1 /2018	8 /31/2021	\$ 499,974
Earth and Environmental Stu	dies					
	Brachfeld, Stefanie	Collaborative Research: Elucidating the Role of Titanomagnetite in Vesiculation of Silicic Magmas	National Science Foundation - Collaborative proposal with University of Hawaii	1/1/2019	12/31/2021	\$ 113,225
	Deng, Yang	Collaborative Research: Household Emergency Water Treatment with Ferrate(VI) in Response to Natural Disasters	National Science Foundation - Collaborative proposal with Rutgers University	8 /1 /2018	7 /31/2021	\$ 165,358
	Deng, Yang	COLLABORATIVE RESEARCH: WRF: Functionalized Wood Mulch for In Situ Physicochemical and Biological Treatment of N and P Nutrients in Urban Stormwater Runoff	National Science Foundation - Collaborative proposal with University of Hawaii	8 /1 /2018	7 /31/2021	\$ 165,000
	Deng, Yang	Developing a New, Compact and Modular Design for Revolutionizing Urban Water Reuse	Rutgers University/NJ Water Resources Research Institute - Subaward from NJ Institute of Technology	3 /1 /2018	2 /28/2019	\$ 9,000
	Deng, Yang	Ferrate as a pre-treatment to minimize barriers associated with treated wastewater desalination for sustainable agricultural irrigation	Binational Agricultural Research and Development Fund - Collaborative proposal with Technion - Israel Institute of Technology	9 /1 /2018	8 /31/2021	\$ 155,000

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Deng, Yang	Towards Innovative and Green Water Reuse with Integrated Constructed Wetlands and Ferrate(VI) Treatment	U.S Egypt S&T Joint Fund - Collaborative proposal with National Research Center	1/1/2019	12/31/2021	\$ 200,000
	Deng, Yang/Cui, Junkui (Student)	Development of An Innovative and Resilient Emergency Water Treatment (EWT) for Natural Disasters	Rutgers University/NJ Water Resources Research Institute	6 /18/2019	6 /17/2019	\$ 5,000
	Deng, Yang/Lal, Pankaj (PSEG Institute for Sustainability Studies)	Recycling Stormwater for the Irrigation of Urban Agriculture through Reusing Agricultural Wastes and Municipal Sewer Sludge	U.S. Department of Agriculture - Subawards to Rutgers University, University of Minnesota, Princeton University, University of Pittsburgh, and City College of New York	1/1/2018	12/31/2022	\$ 5,200,000
	Deng, Yang/Wu, Meiyin (Passaic River Institute)	MRI: Acquisition of a Dynamic Imaging Particle Analyzer for Characterization of Particulate Matters in Engineered and Natural Water Systems at Montclair State University	National Science Foundation	8 /1 /2018	7 /31/2020	\$ 192,212
	Deng, Yang/Yang, Lisitai (Student)	Closing the Urban Water Cycle: Sewage Sludge-Derived Biochar (SSDB) for Urban Stormwater Management	Rutgers University/NJ Water Resources Research Institute	3 /1 /2018	2 /28/2019	\$ 5,000
	Feng, Huan	Spreading of radionuclides in the Upper Mississippi River following an extreme radiological incident at the Monticello Nuclear Power Plant, MN: A comprehensive numerical, experimental and field study	National Institutes of Health (R01) - Subaward from Stony Brook University	9/1/2019	8 /31/2021	\$ 47,596
	Feng, Huan/Nie, Jing (Student)	Long-term spatial and temporal variation of nutrient pollution in Passaic River, New Jersey	Rutgers University/NJ Water Resources Research Institute	2 /1 /2018	1/31/2019	\$ 5,000
	Lal, Pankaj (PSEG Institute for Sustainability Studies)/Taylor, Robert	Center for Transportation Innovation and Economic Prosperity (CTIEP)	U.S. Department of Transportation - Subaward from Rensselaer Polytechnic Institute	11/30/2017	11/30/2018	\$ 40,000
	Lorenzo Trueba, Jorge	Early Career Research Fellowship	The National Academies of Sciences, Engineering, and Medicine	9 /1 /2018	8 /31/2020	\$ 76,000
	Lorenzo Trueba, Jorge	Sloan Research Fellowship	Alfred P. Sloan Foundation	9 /1 /2018	8 /31/2020	\$ 65,000
	Miller, Jessica	Perceptions of Dam Removal Along New Jersey's Musconetcong River	Rutgers University/NJ Water Resources Research Institute	5 /1 /2018	4 /30/2019	\$ 19,932
Mathematical Sciences						
	Bal, Deepak	Coloring Problems in Random Graphs	National Science Foundation	9 /1 /2018	8 /31/2021	
	Bal, Deepak	Random Graphs: Colorings and Algorithms SBIR Phase II: Meaningful Sketching and Meaningful Struggle in STEM	Simons Foundation National Science Foundation - Subaward from eGrove	9 /1 /2018	8 /31/2023	\$ 42,000
	DiNapoli, Joseph	Education	Education	9 /1 /2018	8 /31/2020	\$ 40,532
	Forgoston, Eric	NRI: FND: COLLAB: Leveraging Robot-Fluid Interactions for Control of Reconfigurable Origami Robots in Geophysical Flows	National Science Foundation - Collaborative proposal with University of Pennsylvania and Cooper Union	9 /1 /2018	8 /31/2021	\$ 197,697
	Forgoston, Eric	RI: Small: Collaborative Research: Control of Multiple Microrobots Through Magnetic Field Design	National Science Foundation - Collaborative proposal with University of Pennsylvania and Cooper Union	9 /1 /2018	8 /31/2021	\$ 59,652
	Golnabi, Amir/Halaby, Reginald (Biology)	Research Opportunities for Undergraduate Training and Education in Cancer (ROUTE CAN)	National Institutes of Health (R25)	1/1/2019	12/31/2023	\$ 1,212,562
	Greenstein, Steven/Fernandez, Eileen	Teachers Making for Mathematical Learning	National Science Foundation	9 /1 /2018	8 /31/2020	\$ 422,195
	Ivanescu, Andrada	CAREER: Dynamic Prediction and Inference for Functional Data	National Science Foundation	6 /1 /2018	5 /31/2023	\$ 403,573
	Ivanescu, Andrada	Methods for joint multivariate longitudinal and time to event data analysis	National Institutes of Health (R03) - Subaward to Johns Hopkins University	1/1/2019	12/31/2020	\$ 144,939
	Krupa, Erin	Using Animated Contrasting Cases to Improve Procedural and Conceptual Knowledge in Geometry	National Science Foundation - Subaward to Harvard University	8 /1 /2018	7 /31/2021	\$ 449,517
	Krupa, Erin	Using Animated Contrasting Cases to Improve Procedural and Conceptual Knowledge in Geometry	Institute of Education Sciences - Subaward to Harvard University	9 /1 /2018	8 /30/2022	\$ 1,368,238
	Li, Aihua	Collaborative Opportunities for Undergraduate Research in Mathematics	Center for Undergraduate Research in Mathematics - Collaborative proposal with County College of Morris	9 /1 /2018	6 /30/2019	\$ 12,000
	Panorkou, Nicole	CAREER: Designing a Digital game learning system for Dynamic Measurement (D2-DYME)	National Science Foundation	6 /1 /2018	5 /31/2023	\$ 750,187
	Panorkou, Nicole/Zhu, Michelle (Computer Science)	Invigorating Math Education through Innovative Computer Hardware and Software Curriculum Design in the Middle School (MATH: HW/SW)	National Science Foundation	1 /1 /2019	12/31/2023	\$ 1,655,630
	Paoletti, Teo	Developing Middle-School Students' Understandings of Coordinate Systems (Mid-CoS) Project	Spencer Foundation	6 /1 /2018	7 /31/2019	\$ 50,000

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Paoletti, Teo	The Mid-CoRe project: Investigating Middle-grade Students' Covariational Reasoning	Spencer Foundation	1 /1 /2018	7 /31/2019	\$ 50,000
	Su, Haiyan	Adjusted Empirical Likelihood method for linear models and ROC analysis	Simons Foundation	9 /1 /2018	8 /31/2023	\$ 42,000
	Vaidya, Ashuwin	$\label{lem:collaborative} \textbf{Collaborative Research: Dynamics of surfactant-amyloid-beta protein interactions during self-assembly}$	National Science Foundation - Collaborative proposal with University of Southern Mississippi and Virginia Commonwealth University	8 /1 /2018	7 /31/2021	\$ 126,188
Passaic River Institute			NJ Department of Environmental Protection - Subaward			
	Wu, Meiyin	Assessing the water quality of the Musconetcong River	from North Jersey Resource Conservation and Development Council	1/1/2018	9 /30/2018	\$ 15,195
	Wu, Meiyin/Ferdinand, Amy (University Facilities)	Develop a Geodatabase for Essex County, NJ	Essex County Department of Parks, Recreation, and Cultural Affairs	9 /1 /2017	8 /31/2018	\$ 36,485
	Wu, Meiyin/Lee, Lee (Biology)	Developing Water Quality Prediction Models for Freshwater Harmful Algal Blooms Using Real-time Continuous Water-quality Data	US Geological Survey/National Institutes for Water Resources	9 /30/2018	9 /29/2020	\$ 237,494
	Wu, Meiyin/Lee, Lee (Biology)/Miller, Jessica (Earth and Environmental Studies)	Revisiting the Musconetcong River after Ten Years	William Penn Foundation/Delaware Watershed Research Fund - Subaward from Academy of Natural Sciences of Drexel University - Subaward to Musconetcong Watershed Association	1/1/2018	12/31/2019	\$ 356,159
Physics and Astronomy	Favata, Marc	Gravitational-wave science for 3rd-generation detectors	Simons Foundation	9 /1 /2018	6 /30/2019	\$ 107,814
	Martin, Rodica	RUI: Survey of Magneto-Optical Materials for Faraday Isolators in Future Gravitational-wave Detectors	National Science Foundation	6/1/2018	5/31/2021	
PSEG Institute for Sustainabi	lity Studies					
	Lal, Pankaj	Advancing and Incorporating Ecosystem Services in Natural Capital Assessment: Informed Valuation and Management of Department of Defense Lands	U.S. Department of Defense - Subaward to CDM Smith	3 /1 /2018	2 /28/2019	\$ 175,477
	Tuininga, Amy/Deng, Yang (Earth and Environmental Studies)/Kerr, Iain (SBUS)	Green Teams: Creating a Process for Sustainable Technology Product Development	VentureWell	7 /1 /2018	6 /30/2020	\$ 30,000
	Tuininga, Amy/Lal, Pankaj	Collaborative Research: NSF INCLUDES Alliance: Partnerships to Practice (P2P): Building Inclusive STEM Education and Workforce Development through Partnered-Participatory Learning	National Science Foundation - Collaborative proposal with Hampton University, New Mexico State University, University of California at Berkeley, University of Maine, and University of New Hampshire	9 /3 /2018	9 /2 /2023	\$ 4,963,003
	Tuininga, Amy	Jersey City Greenhouse Gas Inventory	Gardinier Environmental Fund/Sustainable Jersey - Subaward from The City of Jersey City	1/15/2018	6 /30/2019	\$ 26,736
		Total Proposals for CSAM: 71		Total Reques	sted for CSAM:	\$ 31,607,918
LIBRARY SERVICES						
	Shapiro, Steven	Cosmic Rivals: The Cold War and the rise of the American and Soviet space programs	NJ Council for the Humanities	7 /1 /2018	12/31/2018	\$ 20,000
	Shapiro, Steven/ Murdock, Bryan (Academic Affairs)/ Thomas, William (NJ School of Conservation)	Our Planet, Our Earth: Environmental Engagement with Diverse and Faith-Based Groups	American Association for the Advancement of Science	9 /1 /2018	5 /31/2019	\$ 15,000
		Total Proposals for Library Services: 2	Tota	l Requested for Li	orary Services:	\$ 35,000
OFFICE OF INTERNATIONA	L ENGAGEMENT					
	Dominguez, Domenica	Erasmus+ Call 2018: Application for funding within Key Action 1 - International Credit Mobility	Erasmus+ - Subaward from Unversity of Graz, Austria	8 /1 /2018	7 /31/2020	\$ 26,000
	Williams, Jane Ann	2018 Fulbright Gateway Orientation at Montclair State University	U.S. Department of State - Subaward from Institute of International Education, Inc.	2/1/2018	9/30/2018	\$ 55,891

College/Division and Department	Lead Faculty	Project Title Total Proposals for Office of International Engagement: 2	Sponsor Name St Total Requested for Office of			Amount Requested \$ 81,891
RESEARCH ACADEMY FOR	UNIVERSITY LEARNING Dalley, Julie	Letter of Intent: IDEA Impact Grant	IDEA	1 /1 /2019	1 /2 /2019	\$ -
		Total Proposals for Research Academy for University Learning: 1	Total Requested for Research Acade	emy for Univers	sity Learning:	\$ -
THE GRADUATE SCHOOL	Herness, Scott	Understanding PhD Career Pathways for Program Improvement at Minority Serving Institutions	Council of Graduate Schools	7 /1 /2018	6 /30/2020	\$ 49,845
		Total Proposals for The Graduate School: 1	Total Requeste	ed for The Grad	duate School:	\$ 49,845
STUDENT DEVELOPMENT AND CA	` '	Interfaith Youth Core Interfaith Innovation Grant	Interfaith Youth Core	8 /1 /2017	6 /30/2018	\$ 5,000
Residential Life						
	Schafer, Kevin/Cascarano, Marie (Campus Recreation and Intramural Sports)/Dejesus, Kristine (Counseling and Psychological Services)	Supporting Students in Recovery: Recovery Housing and Supports to Prevent and Reduce Substance Abuse on College Campuses in New Jersey	NJ Department of Health	3 /1 /2018	2/28/2019	\$ 928,273
		Total Proposals for SDCL: 2		Total Reques	ted for SDCL:	\$ 933,273
UNIVERSITY FACILITIES						
University Facilities	Connolly, Shawn	It Pays to Plug In: NJ's Electric Vehicle Workplace Charging Grant at Montclair State University	NJ Department of Environmental Protection	10/18/2017	10/17/2018	\$ 50,000
		Total Proposals for University Facilities: 1		To	otal for SDCL:	\$ 50,000
		TOTAL PROPOSALS: 158		GRA	AND TOTAL:	\$ 66,823,359

Annual Report FY 2018: Awards Received

Awards Received: 7/1/2017 to 6/30/2018

ge/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarde
MIC AFFAIRS (AA)						
CENTER FOR COMMUNITY	ENGAGEMENT					
	Murdock, Bryan	City of Orange Proposal to the U.S. Department of Education: University Assisted Full Service Community Schools Program - Year 4	US Department of Education - Subaward to Orange Public Schools	10/1 /2017	9 /30/2018	\$ 486,0
	Murdock, Bryan/Woolston, Krystal/Fitzgerald, Randall (CSAM)	Montclair State University EECO Project - Year 3	Corporation for National and Community Service - Subaward from NJ Commission on National and	9 /1 /2017	8 /31/2018	\$ 295,7
	Woolston, Krystal/Murdock, Bryan	Dr. Martin Luther King, Jr. Day of Service-2018	Community Service NJ Commission on National and Community Service	1 /1 /2018	1 /31/2018	\$ 4,0
		Total Awards for Center for Community Engagement: 3	Total for Cer	nter for Communi	ty Engagement:	\$ 785,7
COLLEGE OF THE ARTS (CAI	RT)					
Arts and Cultural Programmi	ng					
	Wheeler, Jedediah	General Programming Support - FY 2018	NJ State Council on the Arts	7 /1 /2017	6 /30/2018	\$ 54,
	Wheeler, Jedediah	M Stabat Mater	Consulate General of Israel	1 /1 /2018	6 /30/2018	
	Wheeler, Jedediah	Mobility Grant for Angelica Lidell	Accion Cultural Espanola (AC/E)	2 /1 /2018	5 /13/2018	
University Art Galleries	Rodriguez, Teresa	General Program Support - FY 2018	NJ State Council on the Arts	7 /1 /2017	6 /30/2018	\$ 12,
		Total Awards for CART: 4			Total for CART:	\$ 81,
COLLEGE OF EDUCATION A Center for Autism and Early (ND HUMAN SERVICES (CEHS) Childhood Mental Health					
	Costa, Gerard/Mulcahy, Kaitlin	The Coordinating Center at Montclair State University (CC-MSU) - Supplement	NJ Department of Health/ NJ Governor's Council for Medical Research and Treatment of Autism	7 /1 /2018	8 /31/2018	\$ 36
	Costa, Gerard/Mulcahy, Kaitlin	Pilot Study of Preschool Expulsion in New Jersey	Schumann Fund for NJ	7 /1 /2018	6 /30/2019	\$ 16
	Costa, Gerard/Mulcahy, Kaitlin	Pilot Study of Preschool Expulsion in New Jersey	The Henry and Marilyn Taub Foundation	7 /1 /2018	6 /30/2019	
	Costa, Gerard/Mulcahy, Kaitlin	Project LAUNCH 2017-2018	NJ Department of Children and Families	7 /1 /2017	6/30/2018	\$ 1,463
Center of Pedagogy	Costa, Gerard/Mulcahy, Kaitlin	Socio-Emotional Formation Initiative (MSU-SEFI) 2017-2018	NJ Department of Human Services	7 /1 /2017	6 /30/2018	
Center of Fedagogy	Robinson, Jennifer	Building Teacher Leadership Capacity to Support Beginning Teachers: Year 3 and Supplement	NJ Department of Education	10/1 /2017	5 /31/2018	\$ 134,
	Robinson, Jennifer	Newark Montclair Urban Teacher Residency - Year 4	US Department of Education	10/1 /2017	9 /30/2018	\$ 1,424
Counseling and Educational L		·	·			
•	Jaffe-Walter, Reva	Improving the Experiences and Outcomes of Immigrant Youth: an Examination of the INPS - Year 1	William T. Grant Foundation - Subaward from New York University	6 /1 /2017	5 /31/2018	\$ 23
Early Childhood, Elementary	and Literacy Education	or the into Teal 1	orecisity			
	Freedson, Margaret	International Consortium for Multilingual Excellence in Education (ICMEE) - Award and Supplement	US Department of Education - Subaward from University of Nebraska-Lincoln	12/16/2016	8 /31/2018	\$ 17
Family Science and Human D	evelopment					
	Reid, Robert/Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA) - Year 5	US Department of Health and Human Services/SAMHSA - Subaward to Rutgers University	9 /30/2017	9 /29/2018	\$ 125
	Reid, Robert/Garcia-Reid, Pauline	Project C.O.P.E Year 4	US Department of Health and Human Services/SAMHSA - Subaward to Rutgers University	9 /30/2018	9 /29/2019	\$ 283
	Urban, Jennifer/Linver, Miriam	Boy Scouts of America National Character Initiative - Supplement	Stephen D. Bechtel, Jr., Foundation - Subaward from Boy Scouts of America - Subaward to American Institutes of Research	2 /1 /2017	4 /30/2018	\$ 180,
	Urban, Jennifer/Linver, Miriam	Boy Scouts of America National Character Initiative Phase 2 - Opening Up the Black Box: Uncovering the Role of Adults in Youth Character Development - Supplement	Stephen D. Bechtel, Jr., Foundation - Subaward from Boy Scouts of America - Subaward to American Institutes of Research and Oregon State University	1 /1 /2018	3 /30/2020	\$ 5,766,
	Urban, Jennifer	Growing Relational Virtues in Parents and Children - Year 1	John Templeton Foundation - Subaward from University of California, Berkeley - Subaward to Cornell University	3 /1 /2018	6 /30/2018	\$ 27,
Harlet and National Colonia	van Eeden-Moorefield, Bradley/Opara, Ijeoma (Student)	Behavioral Sciences Training in Drug Abuse Research - Year 1	National Institutes of Health (T32) - Subaward from New York University	7 /1 /2018	6 /30/2018	\$ 23,
Health and Nutrition Science	Bose, Mousumi	STAIR II Consortium - Year 2	National Institutes of Health (U54) - Subaward from	9 /1 /2017	8 /31/2018	\$ 66
			University of Nebraska			
Public Health						

Annual Report FY 2018: Awards Received

Awards Received

lege/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Leech, Tamara	SAMHSA Young Adult Survey	US Department of Health and Human Services/SAMHSA - Subaward from Indiana University	8 /1 /2017	6 /30/2018	\$ 32,414
		Total Awards for CEHS: 18			Total for CEHS:	\$ 10,573,72
COLLEGE OF HUMANITIES	AND SOCIAL SCIENCES (CHSS)					
	Matthews, Christopher	Many Voices of Montclair	NJ Council for the Humanities - Subaward from Montclair History Center	11/1 /2017	7 /31/2018	\$
Communication Sciences and	d Disorders					
	Eisenberg, Sarita	Better Together: Using Drill to Increase the Efficacy of Embedded Therapy for Grammatical Forms	American Speech-Language-Hearing Foundation	1 /2 /2018	12/31/2019	\$ 75,000
	Hitchcock, Elaine	Investigating the effects of visual acoustic biofeedback intervention for speech sound errors in childhood apraxia of speech: A pilot study	Pentax Medical	7 /1 /2017	8 /30/2018	\$ 10,000
Linguistics	Koehnke, Janet/Appelbaum, Maris	New Jersey Hearing Aid Project - Year 2 and Supplement	NJ Department of Human Services	7 /1 /2017	6 /30/2018	\$ 71,224
Linguistics	Feldman, Anna	Workshop on Natural Language Processing for Internet Freedom	National Science Foundation	4 /1 /2018	3 /31/2019	\$ 15,760
	Howell, Jonathan	Establishing a ground truth for focus placement in naturally-occurring speech - Supplement	National Science Foundation	6 /27/2018	6 /30/2019	\$ 16,000
Modern Languages and Liter	ature					
	Fiore, Teresa	Italian for Spanish speakers and Made in Italy (Digital Curriculum)	Italian Ministry of Foreign Affairs and International Cooperation	9 /1 /2017	12/31/2017	\$ 17,659
	Jay-Rayon Ibrahim Aibo, Laurence	A Colony in Crisis in Haitian Creole: Digital Scholarship and Activism through Translation	NJ Council for the Humanities	10/1 /2017	9 /30/2018	\$ 4,920
Provided and	Oppenheim, Lois/Wolf, Benjamin	"Daniel, Debra, Leslie (and Maybe Drew)"	NJ Council for the Humanities	7 /1 /2017	12/31/2018	\$ 20,000
Psychology	Grapin, Sally	Teaching Multiculturalism and Social Justice to Undergraduate Psychology Majors: The Role of Service Learning	The Society for the Teaching of Psychology	1 /1 /2018	12/31/2018	\$ 2,353
	Lowe, Sarah	GuLF Study: Support for Mental Health Analyses	National Institutes of Health - Subcontract from Social and Scientific Systems, Inc.	1 /20/2018	9 /25/2018	\$ 55,604
	Lowe, Sarah	Identifying Risk Factors for PTSD by Pooled Analysis of Current Prospective Studies - Year 2	National Institutes of Health (R01) - Subaward from Harvard University	7 /19/2017	4 /30/2018	\$ 23,641
	Sandry, Joshua	The Effect of Feedback Presentation on the Fronto-Striatal Network Activity and Fatigue in Individuals with MS	National Multiple Sclerosis Society - Subaward from Kessler Foundation	9 /1 /2017	8 /31/2018	\$ 23,675
	Sandry, Joshua	Mathematical Models of Motor and Mental Speed	Consortium of Multiple Sclerosis Centers	12/1 /2017	12/31/2018	\$ 39,083
	Sessa, Valerie/Bragger, Jennifer	Longitudinal Leadership Development Study	C. Charles Jackson Foundation	1 /1 /2018	12/31/2018	\$ 3,069
Robert D. McCormick Center	for Child Advocacy and Policy					
	Dickinson, Jason	Post BA Certificate in Adolescent Advocacy 2017-2018	NJ Department of Children and Families	9 /1 /2017	8/31/2018	\$ 246,238
		Total Awards for CHSS: 16			Total for CHSS:	\$ 624,226
COLLEGE OF SCIENCE AND Biology	MATHEMATICS (CSAM)					
Diology	Feehan, Colette	Promoting the Health and Resiliency of Florida's Coral Reef Ecosystem: Enhancing Herbivory by Restoring Long-Spined Urchin (Diadema antillarum) Habitat	The National Academies of Sciences, Engineering, and Medicine	4 /1 /2018	3 /31/2019	\$ 18,362
	Meredith, Robert/Adams, Sandra/Du, Charles/Gaynor, John/Monsen-Collar, Kirsten	MRI: Acquisition of a Shared Use Integrated Next-Generation Sequencing Platform	National Science Foundation	9 /1 /2017	8/31/2020	\$ 202,125
	Molina, Carlos	Post-translational Regulation of Inducible cAMP Early Repressor and its Implications in Cancer - Year 1	National Institutes of Health (SC1)	5 /1 /2018	4 /30/2019	321,219
	Monsen-Collar, Kirsten/Hazard, Lisa/Goodey, Nina (Chemistry and Biochemistry)	Rapid Detection test for Ranavirus	Association of Reptilian and Amphibian Veterinarians	5 /1 /2018	4 /30/2019	\$ 3,000
Chemistry and Biochemistry						
	Gao, Jinshan	Characterization and enrichment of glycoprotein/glycan via multi-functional free radical reagents	National Institutes of Health (R15)	9 /15/2017	8/31/2020	\$ 356,609
	Gao, Jinshan	RUI: Glycan Characterization and Quantitative Analysis via Free Radical Induced Dissociation - Year 2	National Science Foundation	6 /1 /2017	5 /31/2020	\$ 176,000
	Gindt, Yvonne	DNA Repair under Extreme Conditions - Extended Studies - Year 1	National Aeronautics and Space Administration - Subaward from Temple University	9 /1 /2017	8 /31/2018	\$ 33,139

Annual Report FY 2018: Awards Received

Awards Received: 7/1/2017 to 6/30/2018

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Rotella, David/Siekierka, John	Development of inhibitors of P. falciparum cGMP dependent protein kinase (PfPKG) for malaria chemoprevention - Year 1	National Institutes of Health (R01) - Subaward from Rutgers University	8 /1 /2017	7 /31/2018	\$ 245,047
	Siekierka, John	Celegene Corporation Sponsored Research Agreement: Development of Anti- Parasitic Drug - Supplement	Celegene Corporation	2 /23/2018	12/31/2018	\$ 127,600
Computer Science						
	Leberknight, Christopher/Feldman, Anna (CHSS)	SaTC: CORE: Medium: Collaborative: A Linguistically-Informed Approach for Measuring and Circumventing Internet Censorship - Year 1	National Science Foundation	8 /15/2017	7 /31/2020	\$ 161,238
	Robila, Stefan	National Science Foundation Intergovernmental Personnel Act	National Science Foundation	1 /24/2018	1/23/2019	188,133
Dean's Office	Zhu, Michelle/Lal, Pankaj (Earth and Environmental Studies)/Panorkou, Nicole (Mathematical Sciences)/Samanthula, Bharath	Assimilating Computational and Mathematical thinking into Earth and Environmental Science (ACMES)	National Science Foundation	9 /15/2017	8 /31/2020	\$ 1,147,085
Dean's Office	Billings, Lora/Li, Aihua (Mathematical Sciences)	Garden State LSAMP Phase II - Years 4 and 5	National Science Foundation - Subaward from Rutgers University	7 /1 /2017	6/30/2019	\$ 143,145
	Schneemeyer, Lynn/Weinstein, Michael	Developing a Wetland Baseline at the Watershed Scale - Year 2	US Environmental Protection Agency - Subaward from NJ Department of Environmental Protection	9 /5 /2017	12/4 /2018	\$ 63,479
	Weinstein, Michael	At Risk - Healthy Coastal Ecosystems and Resilient Communities and Economies in an Era of Climate Change: A Balanced Approach to Protecting People, Property and Nature in Historic Greenwich Township, N.J Year 2	s National Oceanic and Atmospheric Administation - NJ Sea Grant Consortium- Subaward from NJ Institute of Technology	2 /1 /2017	1 /31/2018	\$ 12,346
Earth and Environmental Stu	dies					
	Chopping, Mark	Changes in Shrub Abundance in Arctic Tundra from the Satellite High Resolutio Record for the Arctic-Boreal Vulnerability Experiment and Impacts on Albedo - Year 3		9 /1 /2015	8 /31/2018	\$ 67,476
	Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautics and Space Administration - Subcontract from California Institute of Technology	6 /15/2016	12/31/2018	\$ 13,673
	Deng, Yang	Toward Sustainable Urban Stormwater Management with New, Green, Low-Cost Sorbent-Coated Wood Mulch (Phase II)	US Environmental Protection Agency	3 /1 /2018	2 /29/2020	\$ 75,000
	Lal, Pankaj	Assessing socioeconomic impacts of forest biomass based biofuel development on rural communities in the Southern United States (U.S.) - Renewal	t US Department of Agriculture	8 /1 /2017	7 /31/2019	\$ 250,000
	Lal, Pankaj	CAREER: Geographic Suitability, Socioeconomic Uncertainty, and Environmenta Consequences: Exploring Place-based Opportunities for Bioenergy Sustainability - Year 4	al National Science Foundation	8 /1 /2019	7 /31/2021	\$ 79,250
	Lal, Pankaj	Ecosystem service tradeoffs, landowner incentives, and optimal policy design to promote sustainable Longleaf Pine agroecosystems	o US Department of Agriculture - Subaward from University of Florida	5 /1 /2017	4 /30/2020	\$ 96,441
	Lorenzo Trueba, Jorge	Exploring the role of organic sediment dynamics on channel clustering and alluvial architecture	American Chemical Society - Petroleum Research Fund	1/1/2018	8 /31/2020	110,000
	Lorenzo Trueba, Jorge	Managing for biodiversity and blue carbon in the face of sea-level rise and barrier-island migration - Year 2	National Oceanic and Atmospheric Administration - Subaward from NJ Sea Grant Consortium	2 /1 /2017	1 /31/2018	\$ 70,000
	Passchier, Sandra	Timing and Spatial Distribution of Antarctic Ice Sheet Growth and Sea-ice Formation across the Eocene-Oligocene Transition	National Science Foundation	6 /15/2018	5 /31/2021	323,113
	Taylor, Robert	Actionable Decision-Making for Flooding Events utilizing a small UAV Platform with LiDAR and Hyperspectral Instruments	US Department of Defense	8 /15/2017	8 /14/2018	\$ 195,953
Mathematical Sciences	Golnabi, Amir	3-Dimensional Ultrasonographic Evaluation of Placental Volume Using a Novel Method	St. Barnabas Medical Center	2 /22/2017	2 /22/2018	\$ 16,924
	Vaidya, Ashuwin	Collaborative Research: Dynamics of surfactant - amyloid-beta protein interactions during self-assembly	National Science Foundation - Collaborative Proposal with Virgina Commonwealth University and University of Southern Mississippi	8 /1 /2018	7 /31/2021	\$ 111,404
Passaic River Institute			Southern mississippi			
	Wu, Meiyin	Assessing the water quality of the Musconetcong River	NJ Department of Environmental Protection - Subaward from North Jersey Resource Conservation and Development Council US Department of the Interior/US Fish and Wildlife Service -	1 /1 /2018	2 /28/2019	\$ 16,915
	Wu, Meiyin	Connecting Habitat Across New Jersey (CHANJ) Assessments	Subaward from NJ Department of Environmental Protection	3 /1 /2018	12/31/2021	\$ 30,000
	Wu, Meiyin/Ferdinand, Amy (University Facilities)	Develop a Geodatabase for Essex County, NJ - Part 1	Essex County Department of Parks, Recreation, and Cultural Affairs	9 /4 /2017	8 /31/2018	\$ 2,169

Annual Report FY 2018: Awards Received

Awards Received

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date A	Amount Awarded
	Wu, Meiyin/Lee, Lee (Biology)/Miller,		William Penn Foundation/Delaware Watershed Research Fund - Subaward from Academy of Natural Sciences of			
	Jessica (Earth and Environmental Sciences)	Revisiting the Musconetcong River after Ten Years	Drexel University - Subaward to Musconetcong Watershed Association US Environmental Protectin Agency - New England	11/15/2017	11/14/2020 \$	340,000
	Wu, Meiyin	Stopping Trash Where it Starts - Supplement	Interstate Water Pollution Control Commission- Subaward from Hudson River Foundation/NY-NJ Harbor and Estuary Program	8 /16/2017	2 /28/2018 \$	10,200
Physics and Astronomy			and Estuary Program			
	Favata, Marc Favata, Marc ty Studies	CAREER: Research and Education in Gravitational-Wave Science - Year 2 Gravitational-wave science for 3rd-generation detectors	National Science Foundation Simons Foundation	6 /1 /2018 8 /1 /2018	5 /31/2022 \$ 7 /31/2019 \$	91,383 107,814
	Tuininga, Amy	Jersey City Greenhouse Gas Inventory	Gardinier Environmental Fund/Sustainable Jersey -	5 /10/2018	6/30/2019 \$	26,736
	Tuininga, Amy/Lal, Pankaj (Earth and Environmental Sciences)	NSF INCLUDES DDLP: Sustainability Teams Empower and Amplify Membership in STEM (S-TEAMS)	Subaward from City of Jersey City National Science Foundation - Subaward to Ramapo College of NJ	11/1 /2017	10/31/2019 \$	300,000
		Total Awards for CSAM: 36			Total for CSAM: \$	5,532,978
LIBRARY SERVICES						
	Shapiro, Steven/Robila, Stefan (CSAM)	Roboto-san: The contrasting visions of Artificial Intelligence and Robotics in Japanese and Western culture	NJ Council for the Humanities	7 /1 /2017	12/23/2017 \$	20,000
		Total Awards for Library Services: 1		Total for I	ibrary Services: \$	20,000
OFFICE OF INTERNATIONAL	ENGAGEMENT					
	Dominguez, Domenica	Erasmus+ Call 2017	Erasmus+ - Subaward from University of Graz, Austria	1 /1 /2018	7 /31/2019 \$	-
	Dominguez, Domenica	Syria Consortium Top Up Grant	Institute of International Education, Inc.	8 /1 /2017	7/31/2018 \$	25,000
	Williams, Jane Ann	2018 Fulbright Gateway Orientation at Montclair State University	US Department of State - Subaward from Institute of International Education, Inc.	3 /1 /2018	9 /28/2018 \$	55,891
		Total Awards for Office of International Engagement: 3	Total for Of	fice of Internation	al Engagement: \$	80,891
STUDENT DEVELOPMENT AND CAN Counseling and Psychological						
	Uy, Jude/Friedman-Lombardo, Jaclyn	Project Suicide Awareness Violence Education and Response (Project SAVER) at Montclair State University - Year 2	t US Department of Health and Human Services/SAMHSA	9 /30/2018	9 /29/2019 \$	102,000
Office for Social Justice and Di	i versity Gardner, Sidney	Interfaith Youth Core Interfaith Innovation Grant	Interfaith Youth Core	8 /1 /2017	6/30/2018 \$	5,000
		Total Awards for SDCL: 2			Total of SDCL: \$	107,000
UNIVERSITY FACILITIES						
University Facilities	Connolly, Shawn	It Pays to Plug In: NJ's Electric Vehicle Workplace Charging Grant at Montclair State University	NJ Department of Environmental Protection	5 /9 /2018	5 /8 /2019 \$	50,000
		Total Awards for University Facilities: 1		Total for Univ	ersity Facilities: \$	50,000
		TOTAL AWARDS: 84		(GRAND TOTAL: \$	17,856,215