



MONTCLAIR STATE UNIVERSITY

Office of Research and Sponsored Programs

ANNUAL REPORT: FISCAL YEAR 2017

Report of Sponsored Programs Activity for the Period
7/01/16-06/30/17

Prepared by the Office of Research and Sponsored Programs
Fall 2017

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I. Report Overview:

This report highlights sponsored program activities for the period 07/01/16 to 06/30/17 (FY 17), providing comparative data as well as historical trends. This report also provides detailed information on the types of sponsored program activities occurring at MSU and data on student, post-doctoral, and trainee involvement in those activities. Also included are written narratives highlighting some of the many projects impacting local communities, as well as ORSP outreach and professional development activities in FY 2017.

The Year in Brief: With MSU's recent designation as a public research university in the state of New Jersey and its earlier designation as a Carnegie Doctoral Granting Institution, the university is clearly enjoying increased recognition as a vibrant, growing research university. A record high of \$12.55 million in new and continuing awards in FY 17 (n=72) was received in FY 17, representing a 9% increase in award volume from the previous year's of \$11.5M. *Competitively reviewed awards from federal agencies accounted for an astonishing 78.8% of MSU's award total with, most notably, 18 awards totaling over \$5.2M from the National Science Foundation.* Additionally, despite concerns about declines in federal funding for research and other programs with the changing climate in Washington, D.C., MSU faculty and staff remain undeterred in pursuing external sponsorship in support of their research. An MSU record high of 175 proposals were submitted in FY 17, totaling over \$51.3M—a 19% increase from FY 16.

Highlighting university trends are many individual research, service, and outreach/training activities, many of which are highlighted in this report in section VII. Of particular note, in January 2017, Dr. Pankaj Lal (Associate Professor of Earth and Environmental Studies and Associate Director of the PSEG Institute for Sustainability Studies at Montclair State University), was among 102 recipients of the [Presidential Early Career Awards for Scientists and Engineers](#) (PECASE). This award, announced by President Obama on January 9, 2017 is the *highest honor bestowed by the United States government on federally funded science and engineering professionals in the early stages of their research careers.* Dr. Lal was nominated by the U.S. Department of Agriculture for research that contributes to the development of a sustainable bioeconomy as a fossil fuel alternative, by assessing the socioeconomic impacts of forest- and agriculture-based biofuel development in Southern rural communities.

ORSP Initiatives, Workshops, and Trainings in FY 17:

ORSP continued, and expanded upon its many training and outreach activities in FY 17 as noted in section VIII of this report. This FY, ORSP was pleased to introduce the newly established Faculty Research Mentoring Program in the summer of 2017. The program is designed to foster the exchange of ideas and best practices in funded research by providing support and guidance to junior faculty members primarily in the areas of grant preparation and submission; and a professional and confidential relationship where ideas can be exchanged, feedback can be provided, and skills can be enhanced. The 2017 pilot program awarded four pairs of faculty members—one with significant extramural funding experience (mentor), and one tenure-track faculty member wishing to be mentored. As a culminating requirement of the award, the pairs will submit a collaborative proposal with mentee as the principal investigator. If successful, this program will be expanded in 2018 and beyond.

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

Sincerely,
Frederic "Ted" Russo, Director, Office of Research and Sponsored Programs

Fiscal Year 2017 "At-a-Glance"
A Summary of FY 17 Sponsored Programs Activity
(with comparative FY 16 data)

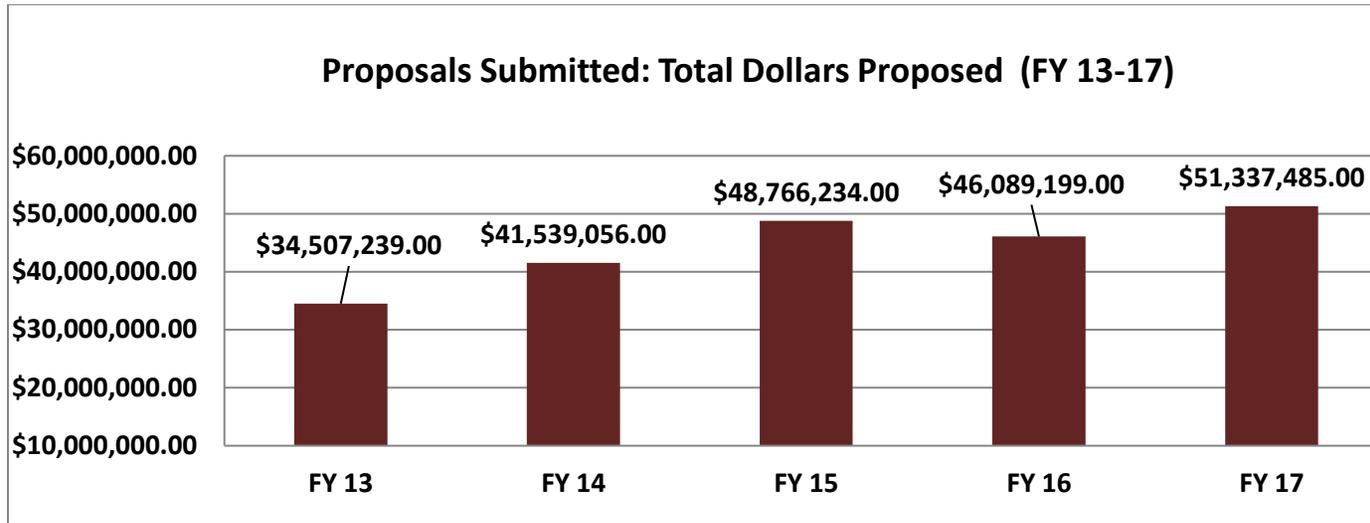
	FY 16	FY 17	% Change
I. Number of Proposal Submissions	147	175	19.05%
II. Total Proposed Dollar Amount			
Direct Costs	38,997,779	45,156,033	15.79%
Indirect Costs	7,091,420	6,181,452	-12.83%
Total	\$46,089,199	\$51,337,485	11.39%
	FY 16	FY 17	
III. Number of Award Actions	60	72	20.00%
IV. Total Awarded Dollar Amount	FY 16	FY 17	
Direct Costs	10,419,687	11,160,608	7.11%
Indirect Costs	1,089,910	1,387,761	27.33%
Total	\$11,509,597	\$12,548,369	9.03%
VI. Expense Activity*	FY 16	FY 17	
Direct Expenses	11,995,449	12,593,633	4.99%
Indirect Expenses	1,038,102	896,373	-13.65%
Total	\$13,033,551	\$13,490,006	3.50%

*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 16 & FY 17)

College / Division	Fiscal Year 2016 (July 1, 2015-June 30, 2016)				Fiscal Year 2017 (July 1, 2016-June 30, 2017)				% change Total Dollars Proposed (FY 16 to FY 17)
	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	
CART	2	1.36%	72,828	0.16%	3	1.71%	155,000	0.30%	112.83%
CEHS	31	21.09%	13,823,475	29.99%	32	18.29%	13,471,809	26.24%	-2.54%
CHSS	33	22.45%	6,468,559	14.03%	47	26.86%	9,291,226	18.10%	43.64%
CSAM	75	51.02%	25,526,495	55.38%	80	45.71%	26,794,952	52.19%	4.97%
SBUS	1	0.68%	26,080	0.06%	-	-	-	-	-
*OTHER	5	3.40%	171,762	0.37%	13	7.43%	1,624,498	3.16%	845.78%
Total	147	100.00%	<u>\$46,089,199</u>	100.00%	175	100.00%	<u>\$51,337,485</u>	100.00%	11.39%

*Other includes Academic Affairs (Center for Community Engagement, Office of International Engagement) and Student Development and Campus Life (Counseling and Psychological Services, Health Promotion, and Intercollegiate Athletics)

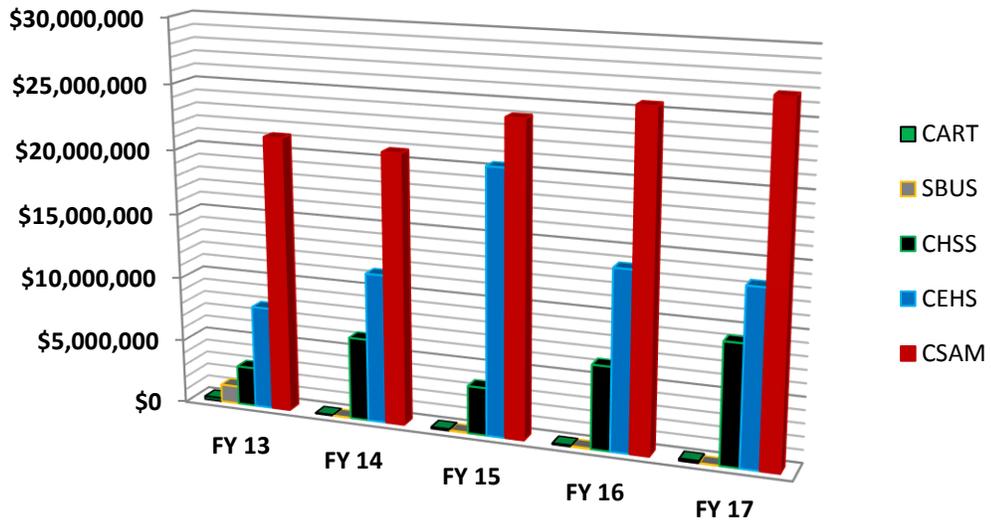


Proposals Submitted: Total Dollars Proposed by College/Division (FY 13-17)

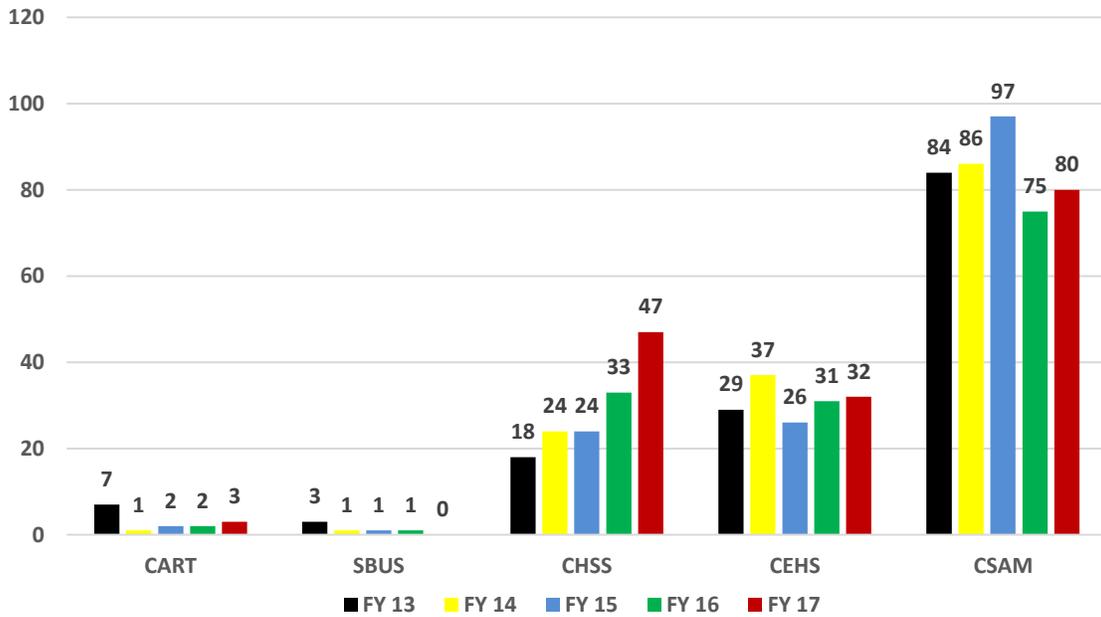
<u>College / Division</u>	FY 13	FY 14	FY 15	FY 16	FY 17	% change FY 16/17
College of the Arts (CART)	234,012	40,000	105,000	72,828	155,000	112.83%
College of Education and Human Services (CEHS)	7,975,609	11,534,659	20,402,539	13,823,475	13,471,809	-2.54%
College of Humanities and Social Sciences (CHSS)	3,038,893	6,400,399	3,700,499	6,468,559	9,291,226	43.64%
College of Science and Mathematics (CSAM)	21,289,552	20,840,072	24,039,004	25,526,495	26,794,952	4.97%
School of Business (SBUS)	1,367,306	2,725	30,300	26,080	-	-
Other Programs	601,867	2,721,201	488,892	171,762	1,624,498	845.78%
Totals:	\$34,507,239.00	\$41,539,056.00	\$48,766,234.00	\$46,089,199.00	\$51,337,485.00	11.39%

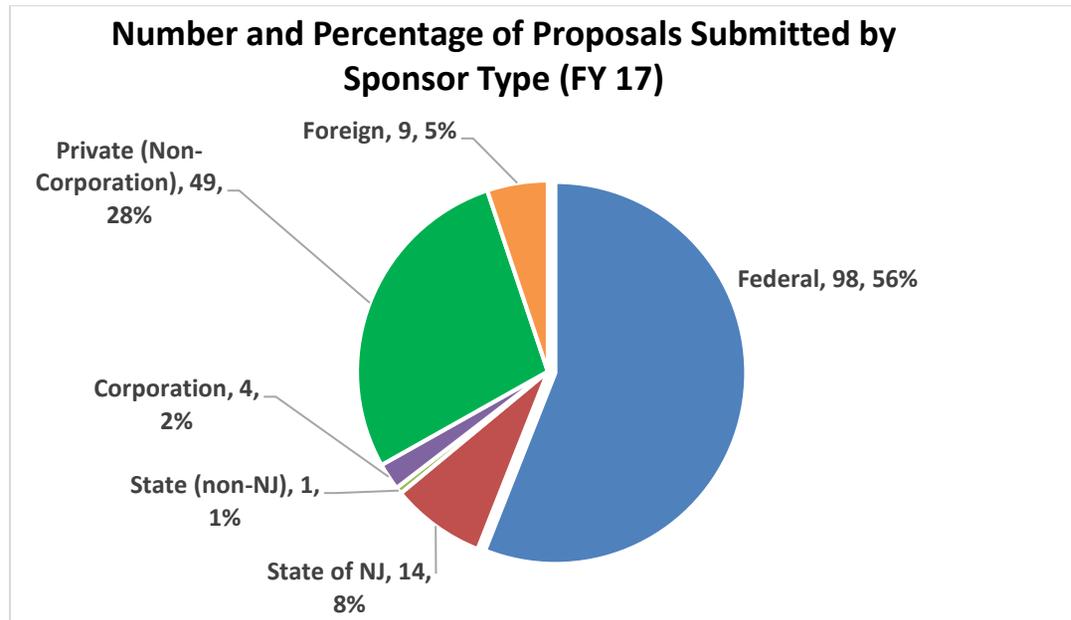
Over the past 5 years, MSU proposal growth has grown steadily both in number of submissions, and total dollars proposed, representing a 5 year average increase of 4% and 6.73% respectively. *Other Sponsored Programs includes Student Development and Campus Life, Facilities, and Academic Affairs

Total Proposal Dollar Volume by College: FY 13-17



Number of Proposal Submissions by College: FY 13-17



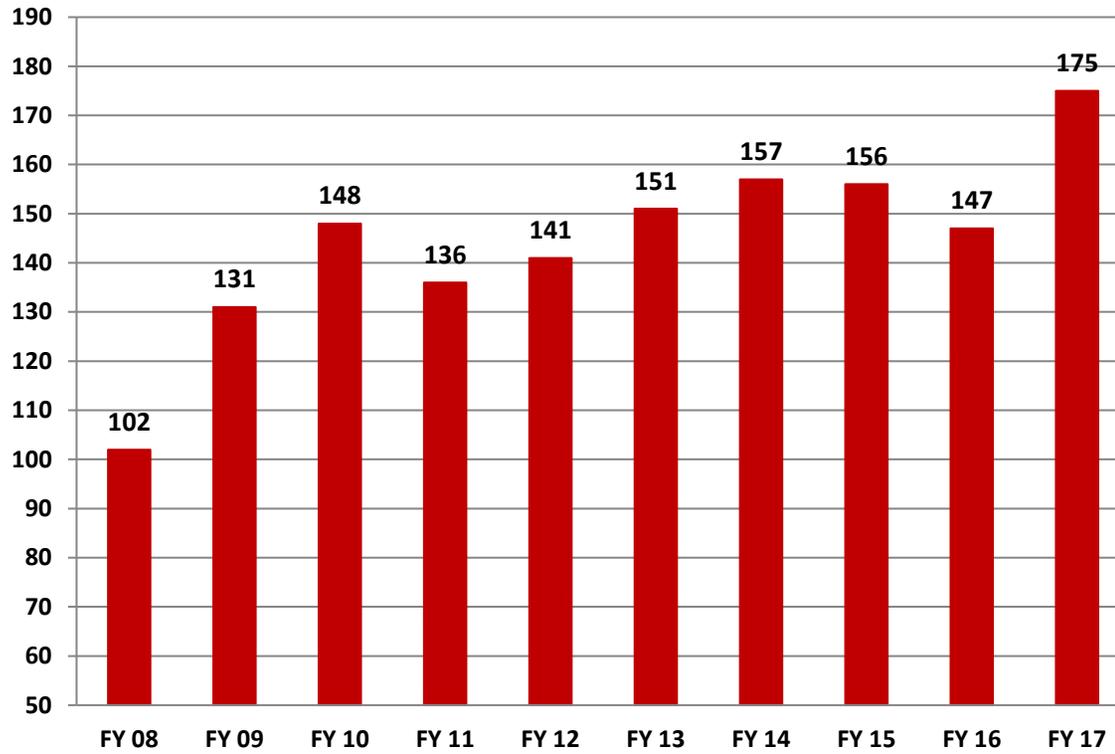


Proposed Dollar Amount by Sponsor Type: FY 16/17

	FY 16	FY 17	% change
Federal	\$35,860,186	\$43,821,577	22.20%
State	\$4,052,247	\$981,164	-75.79%
State (non-NJ)	-	\$50,000	-
Local	\$739,539	-	-
Corporation	\$1,765,626	\$312,061	-82.33%
Private (Non-Corp)	\$2,247,657	\$5,789,387	157.57%
Foreign	\$1,423,944	\$383,296	-73.08%
Total	\$46,089,199	\$51,337,485	11.39%
Average Proposal Amount	\$320,064	\$300,219	-6.20%

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

Montclair State University: Number of Proposals Submitted (FY 08-17)

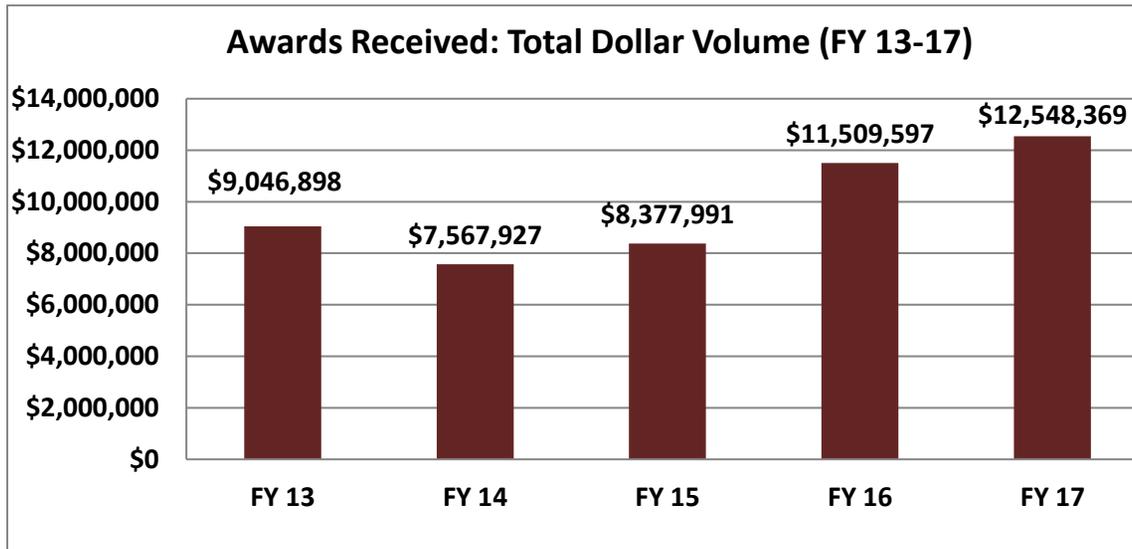


An MSU record high of 175 proposals were submitted in FY 17. Over the past 10 years, the total number of proposals submitted have increased steadily from year to year, with an average growth rate of 5.18% per year.

Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 16 & FY 17)

College / Division	Fiscal Year 2016 (July 1, 2015-June 30, 2016)				Fiscal Year 2017 (July 1, 2016-June 30, 2017)				% change Total Dollars Awarded (FY 16 to FY 17)
	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	
CART	2	3.33%	62,341	0.54%	4	5.56%	148,009	1.18%	137.42%
CEHS	13	21.67%	7,604,079	66.07%	17	23.61%	4,818,927	38.40%	-36.63%
CHSS	13	21.67%	1,221,716	10.61%	14	19.44%	1,335,092	10.64%	9.28%
CSAM	28	46.67%	1,836,473	15.96%	30	41.67%	5,267,098	41.97%	186.81%
SBUS	-	-	-	-	-	-	-	-	-
OTHER	4	6.67%	784,988	6.82%	7	9.72%	979,243	7.80%	24.75%
Total	60	100.00%	<u>\$11,509,597</u>	100.00%	72	100.00%	<u>\$12,548,369</u>	100.00%	9.03%

Total awards dollars to MSU in FY 17 increased by 9.03%, to an MSU record high of \$12.54 million, representing 2 straight years of record growth. *Other includes Academic Affairs (Center for Community Engagement, Office of International Engagement, Library Services) and Student Development and Campus Life (Counseling and Psychological Services, Health Promotion and Intercollegiate Athletics).



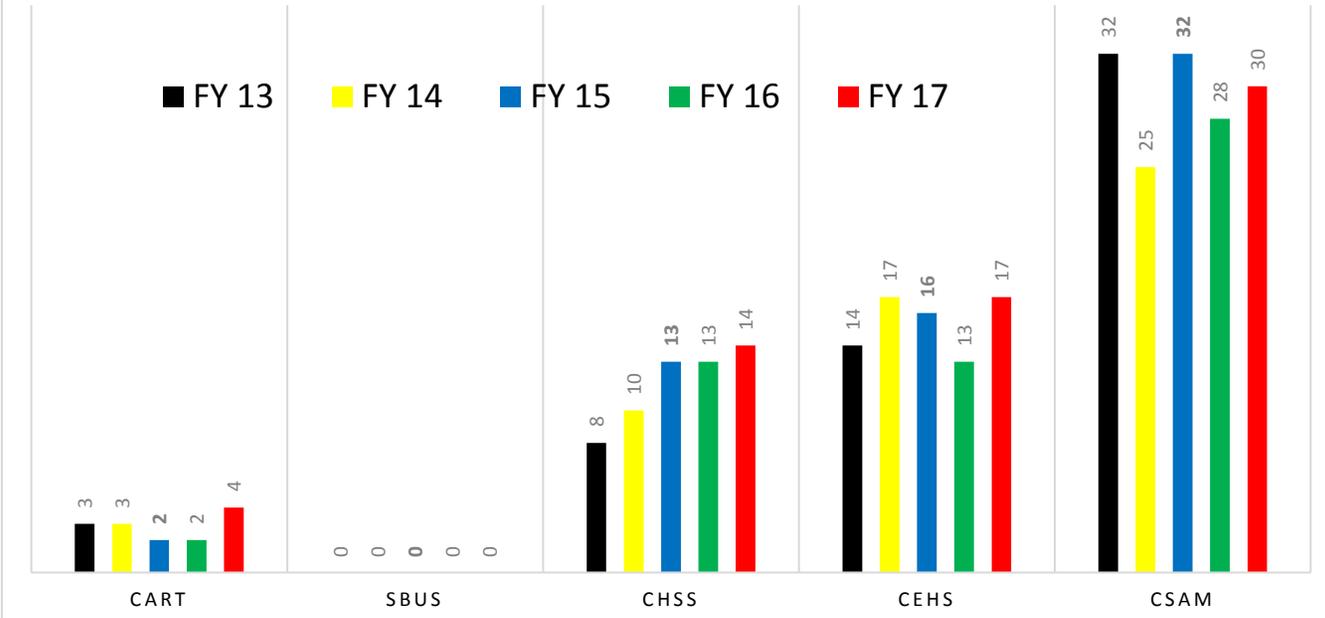
Awards Received: Total Dollar Volume by College/Division (FY 13-17)

<u>College / Division</u>	<u>FY 13</u>	<u>FY 14</u>	<u>FY 15</u>	<u>FY 16</u>	<u>FY 17</u>	<u>% change FY 16/17</u>
College of the Arts (CART)	87,341	87,341	62,341	62,341	148,009	137.42%
College of Education and Human Services (CEHS)	2,961,359	2,628,346	3,340,479	7,604,079	4,818,927	-36.63%
College of Humanities and Social Sciences (CHSS)	2,106,217	1,832,648	1,293,645	1,221,716	1,335,092	9.28%
College of Science and Mathematics (CSAM)	3,679,874	2,733,345	2,865,528	1,836,473	5,267,098	186.81%
School of Business (SBUS)	-	-	-	-	-	-
*Other Sponsored Programs	10,000	24,900	28,000	20,000	189,735	-
Totals:	\$9,046,898	\$7,567,927	\$8,377,991	\$11,509,597	\$12,548,369	9.03%

MSU award growth has increased an average of 4.07% (in dollar volume) over the past 5 Fiscal Years.

*Other Sponsored Programs includes Academic Affairs, Student Development and Campus Life and University Facilities

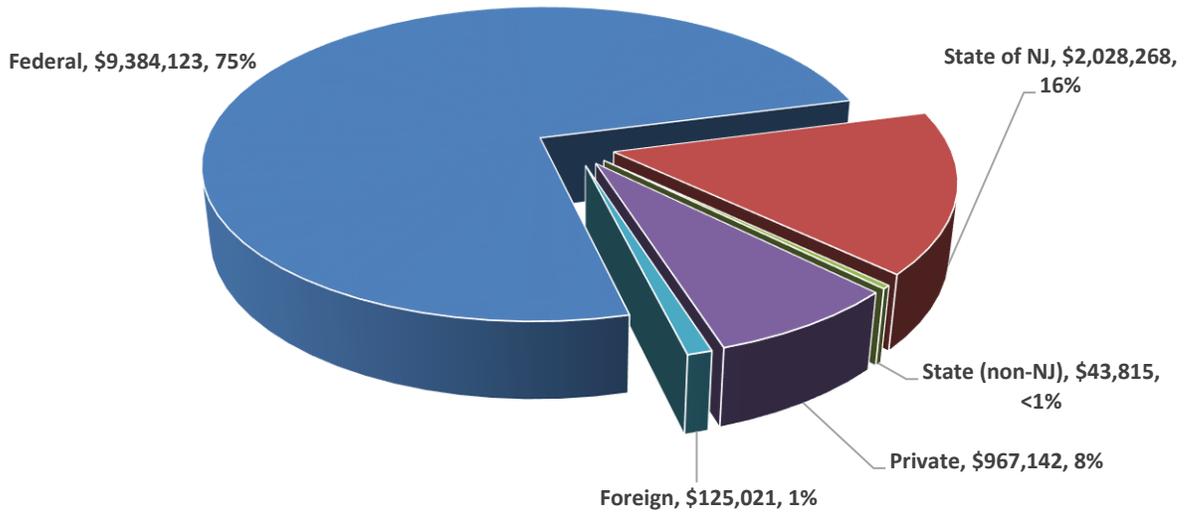
Number of Awards by College: FY 13-17



Total Awards by College (FY 13-17)

	FY 13	FY 14	FY 15	FY 16	FY 17	% change (FY 16/17)
CART	\$87,341	\$87,341	\$62,341	\$62,341	\$148,009	137.42%
SBUS	-	-	-	-	-	-
CHSS	\$2,106,217	\$1,832,648	\$1,293,645	\$1,221,716	\$1,335,092	9.28%
CEHS	\$2,106,217	\$2,824,121	\$3,340,479	\$7,604,079	\$4,818,927	-36.63%
CSAM	\$3,679,874	\$2,751,110	\$2,865,528	\$1,836,473	\$5,267,098	186.81%
Total	\$7,979,649	\$7,495,220	\$7,561,993	\$10,724,609	\$11,569,126	7.87%

FY 17: Awards Received by Sponsor Type



Total Awards Received by Sponsor Type (FY 16/17)

	FY 16	FY 17	% change
Federal	\$4,359,433	\$9,384,123	115.26%
State of NJ	\$2,908,130	\$2,028,268	-30.26%
State (non-NJ)	-	\$43,815	-
Local	\$7,200	-	-100.00%
Private	\$4,234,834	\$967,142	-77.16%
Foreign	-	\$125,021	-
Total	\$11,509,597	\$12,548,369	9.03%

Total Number of Awards Received by Sponsor Type (FY 16/17)

	FY 16	FY 17	% change
Federal	30	41	36.67%
State of NJ	17	12	-29.41%
State (non-NJ)	-	1	-
Local	1	-	-100.00%
Private	12	15	25.00%
Foreign	-	3	-
Total	60	72	20.00%

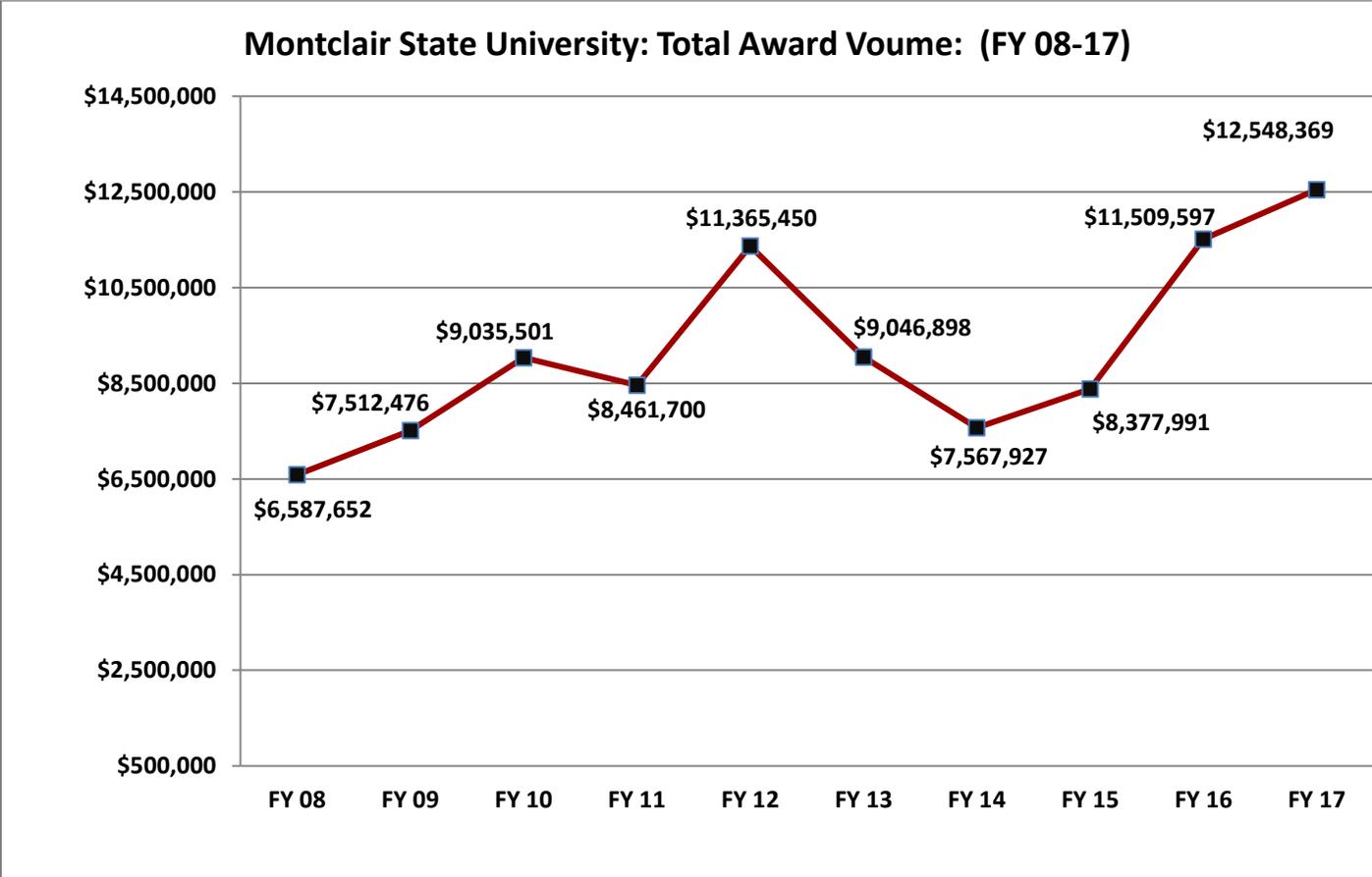
Total Number of Awards Received and Awarded Amount by Federal Sponsor (FY 16/17)

FY 16

FY 17

Sponsor	Number	Amount	% Total	Avg. Award Amount	Number	Amount	% Total	Avg. Award Amount	% change total amount awarded: FY 13/14
National Science Foundation	5	\$935,560	21.46%	\$187,112	18	\$5,227,627	55.71%	\$290,424	458.77%
National Institutes of Health	3	\$193,846	4.45%	\$64,615	3	\$118,539	1.26%	\$39,513	-38.85%
Department of Education	4	\$2,194,819	50.35%	\$548,705	4	\$2,169,482	23.12%	\$542,371	-1.15%
Department of Defense	2	\$119,921	2.75%	\$59,961	1	\$145,170	1.55%	\$145,170	21.05%
Department of Agriculture					2	\$225,000	2.40%	\$112,500	
Department of Energy	1	\$122,553	2.81%	\$122,553	1	\$56,379	0.60%	\$56,379	-54.00%
*DHHS	3	\$468,875	10.76%	\$156,292	4	\$935,750	9.97%	\$233,938	99.57%
Department of State					1	\$42,000	0.45%	\$42,000	
Corporation for National and Community Service	1	\$1,000	0.02%	\$1,000	2	\$302,914	3.23%	\$151,457	30191.40%
EPA	1	\$63,479	1.46%	\$63,479	1	\$15,000	0.16%	\$15,000	-76.37%
Federal Emergency Management Agency							0.00%		
National Endowment for the Arts					1	\$40,000	0.43%	\$40,000	
National Endowment for the Humanities									
NASA	2	\$24,452	0.56%	\$12,226	2	\$100,257	1.07%	\$50,129	310.02%
NOAA	4	\$151,003	3.46%	\$37,751	1	\$6,005	0.06%	\$6,005	-96.02%
National Security Agency	1	\$19,725	0.45%	\$19,725					
US Fish and Wildlife Service	1	\$20,000	0.46%	\$20,000					
US Geological Survey	1	\$5,000	0.11%	\$5,000					
University Transportation Research Center	1	\$39,200	0.90%	\$39,200					
Totals	30	\$4,359,433	100.00%	\$145,314	41	\$9,384,123	100.00%	\$228,881	115.26%

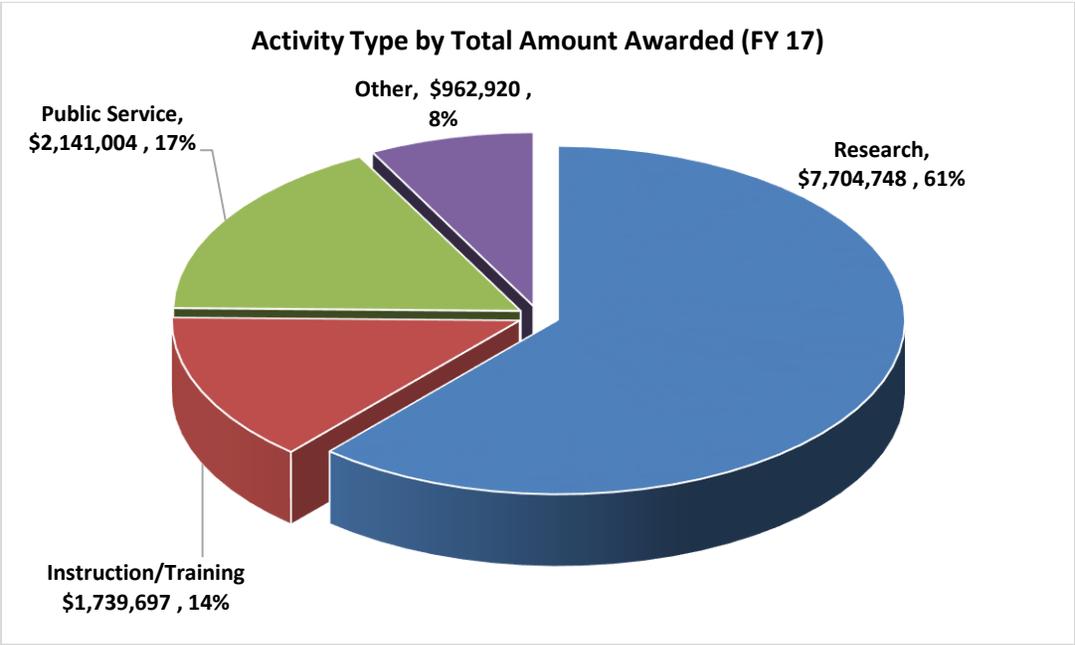
In FY 17, MSU received a record high of \$5.2M from the National Science Foundation, an unprecedented 459% increase from FY 16. *DHHS includes Substance Abuse and Mental Health Services Administration (SAMSHA) and Centers for Disease Control and Prevention (CDC)



A near doubling in award volume (a 90.48% increase) from FY 08 - FY 17, averaging a 7.15% annual growth increase.

Type of Activity: FY 16/17 Awarded Projects/Programs

	FY 16				FY 17			
	Number	%	Amount	%	Number	%	Amount	%
Research	38	63.33%	\$ 6,014,815	52.26%	45	62.50%	\$ 7,704,748	61.40%
Instruction/Training	8	13.33%	\$ 3,327,034	28.91%	5	6.94%	\$ 1,739,697	13.86%
Public Service	8	13.33%	\$ 2,052,407	17.83%	8	11.11%	\$ 2,141,004	17.06%
Other	6	10.00%	\$ 115,341	1.00%	14	19.44%	\$ 962,920	7.67%
Total	60	100.00%	\$ 11,509,597	100.00%	72	100.00%	\$ 12,548,369	100.00%



Collaborative Activity: FY 16/17 Awarded Projects/Programs (Research)

	FY 16		FY 17	
	Number	Percentage	Number	Percentage
Single PI/PD	13	34.21%	20	44.44%
Inter-Departmental and/or Inter-College	1	2.63%	8	17.78%
Intra-departmental	13	34.21%	4	8.89%
External Collaborations	11	28.95%	13	28.89%
Total	38	100.00%	45	100.00%

Collaborative Activity: FY 16/17 Awarded Projects/Programs (Non-Research)

	FY 16		FY 17	
	Number	Percentage	Number	Percentage
Single Project Director	4	18.18%	15	55.56%
Inter-Departmental and/or Inter-College	3	13.64%	2	7.41%
Intra-departmental	1	4.55%	4	14.81%
External Collaborations	14	63.64%	6	22.22%
Total	22	100.00%	27	100.00%

Training/Employment Data: FY 16/17 Awards by Position

	FY 16		FY 17	
	# of Positions	Total	# of Positions	Total
Student Workers*(hourly)	49	\$355,776	130	\$499,383
Graduate Assistants (Stipend + Tuition)**	26	\$724,636	28.5	\$877,492
Post-Doctoral Associates	2	\$62,054	3.85	\$189,271
Trainees ***	175	\$1,004,573	383	\$2,368,455
Totals	252	\$2,147,039	545.35	\$3,934,601

*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.

**V. Montclair State University: Internal Awards Program:
Fiscal Year 2016-Fiscal Year 2018**

Internal Awards	FY 16		FY 17		FY 18	
	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	12	44,500	11	48,055	8	32,000
Career Development Award	9	26,386	n/a	n/a	round has not occurred at the time this report being published	
Separately Budgeted Research	6	24,741	5	21,338	8	39,633
Student Faculty Research	8	15,000	8	15,998	6	11,200
Total	35	\$110,627	24	85,391	22	82,833
<u>Average Award Amount</u>		<u>\$3,161</u>		<u>\$3,558</u>		<u>3,765</u>

**VI. Comparative Summary of Sponsored Program Expense Activity
FY2017 and FY2016**

Natural Expense Category	FY 2017 Expenses	FY2016 Expenses	%	Change
Salary & Wages	5,943,144	5,629,095		5.58%
Fringe Benefits	838,595	822,564		1.95%
Equipment	541,240	270,090		100.39%
Other Direct Expenses	5,270,655	5,273,701		-0.06%
Total Direct Expenses	12,593,633	11,995,449		4.99%
Indirect Expenses	896,373	1,038,102		-13.65%
Total Sponsored Program Expenses	13,490,006	13,033,551		3.50%

Source: Division of Finance and Treasury

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 17, over \$7.7M 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](#).

- A \$1,106,026 grant from the **National Science Foundation**, entitled "[Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher - Years 1-3](#)." The goal of the Noyce @ Montclair: Preparing the Effective Elementary Mathematics Teacher (PE₂MT) Scholarship Program—a collaboration between Montclair State University and the County College of Morris, in partnership with Newark Public Schools—is to provide exemplary preparation to thirty pre-service teachers for effective elementary mathematics teaching in classrooms in New Jersey's high-need K-12 schools. Through their participation in the innovative degree program, these students will obtain an undergraduate degree in mathematics along with a K-6 elementary teaching certificate.
PI/PD's: Erin Krupa, Steven Greenstein (CSAM), and Jennifer Robinson (CEHS)
- Year 3 funding of \$1,167,888 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 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 and Susan Wray (CEHS)
- A \$553,152 grant from the **National Science Foundation** for a program entitled "[Opening Pathways, Engaging, and Networking in Chemistry in Northern New Jersey \(OPEN-NJ\)](#)." This grant will award 51 \$10,000 yearly scholarships to students admitted to the M.S. programs in Chemistry, Chemistry with a concentration in Biochemistry, and Pharmaceutical Biochemistry. The program will serve as a model for enabling Biology B.S. graduates to transition into M.S. degree programs in Chemistry and Biochemistry. The OPEN-NJ program will work together synergistically with the NECST program, headed by Dr. Herbert, in the Department of Computer Science.
PI/PD's: Nina Goodey, Katherine Herbert, John Siekierka, Marc Kasner, and Jennifer Krumins (CSAM)
- \$486,954 from the **U.S. Department of Education**, representing Year 3 in support of the "[University Assisted Full Service Community Schools Program](#)." 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
- A \$141,000 subaward from the **NJ Department of Children and Families** for the "[Primary Prevention of Sexual Violence Program](#)." MSU investigators will serve as epidemiologists to help the Division of Women in developing their ability to create and use data moving forward and to develop a tracking system for state-level sexual violence indicators from publicly available data housed in various departments.
PI/PD's: Stephanie Silvera and Amanda Birnbaum (CEHS)

- A \$19,415 grant from the American Cancer Society to fund the "[Tobacco-Free Red Hawks](#)," project. This project will engage and educate the campus community, with a special focus on students, in programs that promote the benefits of adopting a 100% tobacco-free campus and offer cessation support to those who are looking to make lifestyle changes.
PI/PD: Maria Cascarano, Health Promotion Student Development and Campus Life
- \$102,000 from the **U.S. Department of Health and Human Services/Substance Abuse and Mental Health Services Administration** for the "[Project Suicide Awareness Violence Education and Response \(Project SAVER\) at Montclair State University](#)" 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 Jaelyn Friedman-Lombardo, Counseling and Psychological Services Student Development and Campus Life
- \$150,000 from the **United States Department of Agriculture (USDA)**, for a project entitled "[Bridging the Gap between New Jersey Farmers and Consumers through Research, Education and Outreach](#)." This project will analyze how farmers markets in urban communities could play a role in improving both farmer livelihoods and the nutrition of low-income consumers with limited access to fresh fruits and vegetables, in addition to strengthening food and agricultural research, education, and outreach through community engagement and Service-Learning at Montclair State University.
PI/PD's: Pankaj Lal (CSAM) and Renata Blumberg (CEHS)
- \$246,238 from the **NJ Department of Children and Families** for the "[Post BA Certificate in Adolescent Advocacy 2016–2017](#)" 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)
- A 502,669 in funding from the **NJ Department of Children and Families** for the third year of "[Project LAUNCH](#)", 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: Gerry Costa and Kaitlin Mulcahy, Center for Autism and Early Childhood Mental Health CEHS
- A \$10,000 contract from the **NJ Department of Environmental Protection** for the "[Community Tree Inventory Pilot Study](#)." Montclair Township and MSU will collaborate on this project to create a cost effective and sustainable approach for the Township's first the pilot tree inventory, and eventually the complete tree inventory for the community.
PI/PD: Dirk Vanderklein (CSAM)

- A \$43,815 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 of 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)
 - A \$50,000 grant from the **American Association for the Advancement of Science/National Science Foundation** to support a [regional conference](#) to better understand the successful efforts to prepare, support, and retain science teachers, which has the potential to significantly reduce science teacher turnover, and ultimately provide higher quality science instruction to students.
PI/PD's: Douglas Larkin (CEHS) and Sandra Adams (CSAM)
 - \$283,875 grant from the **US Department of Health and Human Services/SAMHSA** for 2nd Year funding of "[Project C.O.P.E.,](#)" which will work 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 \$56,224 grant from the NJ Department of Human Services for the first year of 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)
- \$26,660 from the **National Collegiate Athletic Association** for the "[NCAA Division III Ethnic Minorities and Women's Internship Grant.](#)" This grant from the NCAA will support the creation of a full-time administrative internship to contribute to both sports information/publicity and general administrative duties in the Department of Sports Publicity.
PI/PD: Holy Gera, Intercollegiate Athletics Student Development and Campus Life
 - A **New Jersey State Council on the Arts** grant in the amount of \$54,464 for [General Programming Support FY 2017](#), 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 ACP for Artistic Excellence as well as designated it as a Major Cultural Institution in NJ.
PI/PD: Jedediah Wheeler (CART)
 - A **New Jersey State Council on the Arts** grant in the amount of \$11,545 for [General Programming Support FY 2017](#), 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 we cultivate and the general public.
PI/PD: Teresa Rodriguez, University Art Galleries (CART)

VIII. ORSP Service Metrics

A. ORSP Hosted Workshops

[NSF CAREER Webinar](#)

May 22, 2017

NURS 438

Presented by the National Science Foundation

Hosted by ORSP Staff

[Peer Review Briefing for Basic Research Applicants and Reviewers Webinar](#)

December 2, 2016

UN 4116

Presented by the National Institutes of Health

Hosted by ORSP Staff

New Faculty Orientation 2016

October 17, 2016

SBUS 140

Presented by ORSP Staff

B. [ORSP/University Advancement Grant Recognition Event](#)

April 24, 2017

100 attendees

Certificates presented to all calendar year 2016 awardees.

Provost Awards presented:

Stefanie Brachfeld, 2017 Provost Award – Research Activities

Jennifer Robinson, 2017 Provost Award – Programmatic Activities

C. ORSP Funding Dissemination Efforts

ORSP's listserv disseminated 468 opportunities in FY17.

Pre-award staff distributes approximately 10 to 15 individual opportunities per month.

D. ORSP Newsletter

Fifth volume of "Windows of Opportunity"

Featured 7 original articles and interviews contributed by the MSU community, including ORSP, IRB, Compliance, and University Counsel.

E. Professional Development: Attendance at Trainings and Conferences by Staff Members

• **Ted Russo, Director**

- Co-Presenter, along with Catherine Bruno (ORSP), Hila Berger (Research Compliance Officer), and Adrienne Larmett (Baker-Tilley) for a [National Council of University Research Administrators](#) (NCURA) Webinar on institutional compliance. Over 100 institutions nationwide participated in the webinar, which examined case studies and approaches to managing and maintaining compliance throughout the grant lifecycle.
- National Science Foundation, "[NSF Career Webinar](#)" (May 2017)
- [Association of University Technology Managers](#), "Intro to IIAs, MTAs and CDAs from the University Perspective" Webinar (June 2017)

- **Marina Savransky, Assistant Director**
 - National Science Foundation, "[Electronic Research Administration Forum](#)" (September 2016)
 - US Environmental Protection Agency, "[Grants Award Process Webinar](#)" (November 2016)
 - National Institutes of Health, "[Peer Review Briefing for Basic Research Applicants and Reviewers Webinar](#)" (December 2016)
 - NJ Department of State, "System for Administrating Grants Electronically (SAGE) Training" (February 2017)
 - National Science Foundation, "[NSF Career Webinar](#)" (May 2017)
 - [Association of University Technology Managers](#), "Intro to IIAs, MTAs and CDAs from the University Perspective" Webinar (June 2017)
 - [National Council of University Research Administrators](#), "Building a Budget Workshop" (March 2017)
- **Catherine Bruno, Post-Award Officer**
 - Co-Presenter, [National Council of University Research Administrators](#), "Conflicting Guidance and Competing Priorities: Achieving Sponsored Research Compliance in a World of Limited Resources" Webinar
 - [Association of University Technology Managers](#), "Intro to IIAs, MTAs and CDAs from the University Perspective" Webinar (June 2017)
- **Dana Natale, Research Development Specialist**
 - National Science Foundation, "[Electronic Research Administration Forum](#)" (September 2016)
 - US Environmental Protection Agency, "[Grants Award Process Webinar](#)" (November 2016)
 - NJ Department of State, "[System for Administrating Grants Electronically](#) (SAGE) Training" (February 2017)
 - [Association of University Technology Managers](#), "Intro to IIAs, MTAs and CDAs from the University Perspective" Webinar (June 2017)
- **Sam Wolverton, Pre-Award and Outreach Specialist**
 - National Science Foundation, "[Electronic Research Administration Forum](#)" (September 2016)
 - US Environmental Protection Agency, "[Grants Award Process Webinar](#)" (November 2016)
 - National Institutes of Health, "[Peer Review Briefing for Basic Research Applicants and Reviewers Webinar](#)" (December 2016)
 - National Science Foundation, "[NSF Career Webinar](#)" (May 2017)
 - Association of University Technology Managers, "[Intro to IIAs, MTAs and CDAs from the University Perspective](#)" Webinar (June 2017)
 - [National Council of University Research Administrators](#), "Building a Budget Workshop" (March 2017)

Annual Report (2017): Proposals Submitted

Proposals Submitted: 07/01/2016 to 06/30/2017

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
ACADEMIC AFFAIRS (AA)						
ACADEMIC AFFAIRS						
	German, James/ Gingerich, Willard	Montclair State University: AASCU Frontier Set Initiative	American Association of State Colleges and Universities	2/1/2017	1/31/2022	\$640,000
		Total Proposals for Academic Affairs: 1				Total Requested for Academic Affairs: \$640,000
CENTER FOR COMMUNITY ENGAGEMENT						
	Woolston, Krystal	Dr. Martin Luther King, Jr. Day of Service	NJ Commission on National and Community Service	1/1/2017	4/16/2017	\$2,500
	Murdock, Bryan/ Woolston, Krystal/ Dapiran, Danielle	Montclair State University EECO Project - Year 3	Corporation for National and Community Service	9/7/2017	9/6/2018	\$301,970
		Total Proposals for Center for Community Engagement: 2				Total Requested for Center for Community Engagement: \$304,470
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	Presenting & Multidisciplinary Works: To support three productions in the Women at Work season, a series of artworks celebrating women in the performing arts	National Endowment for the Arts	6/1/2017	5/6/2018	\$100,000
Theatre and Dance						
	Benton, Heather/ Gilbert-Simon, Wendy (Global Education)	Devised Theatre Project of the Americas: US and Chile	US Department of State - Subaward from Partners of the Americas	5/1/2017	8/31/2018	\$42,000
University Art Galleries						
	Rodriguez, Teresa	NJSCA General Program Support FY 2018	NJ State Council on the Arts	7/1/2018	5/30/2019	\$13,000
		Total Proposals for CART: 3				Total Requested for CART: \$155,000
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Autism and Early Childhood Mental Health						
	Costa, Gerard/ Mulcahy, Kaitlin	Project LAUNCH 2016 - 2017	NJ Department of Children and Families	7/1/2016	6/30/2017	\$181,500
Center of Pedagogy						
	Robinson, Jennifer	The Network for Educational Renewal through Residencies (NERR) Grant	US Department of Education - Subaward from Bank Street College of Education	9/1/2017	8/31/2020	\$2,249,999
	Robinson, Jennifer	Network for Educational Renewal through Residencies-NMUTR Partnership	National Network for Educational Renewal - Subaward from University of Connecticut	10/1/2017	9/30/2022	\$2,535,462
Counseling and Educational Leadership						
	Hannon, Michael/ Sheely-Moore, Angela	Professional Development Needs of Urban School Counselors: A Replication Pilot Study	Association for Counselor Education and Supervision	9/22/2016	10/31/2016	\$1,800
	Hodge, Emily	Supporting Common Core Implementation in English/Language Arts: Investigating the Resource Selection and Dissemination Strategies of State Coordinators	Spencer Foundation	1/1/2017	12/31/2018	\$49,999
	Jaffe-Walter, Reva	Reducing Educational Inequities Experienced by Immigrant Youth: An Examination of High School Strategies and Support Systems	William T. Grant Foundation - Subaward from New York University	6/1/2017	5/31/2020	\$73,757
	Jaffe-Walter, Reva	Improving the Experiences and Outcomes of Immigrant Youth: An Examination of the Internationals Network for Public Schools	William T. Grant Foundation - Subaward from New York University	3/1/2017	2/29/2020	\$73,757
Educational Foundations						
	Fives, Helenrose/ Barnes, Nicole	Foregrounding Classroom Assessment: Supporting Three Dimensional Learning toward Scientific Literacy	Spencer Foundation	9/1/2017	12/31/2020	\$499,974

Grinberg, Jaime	"HATE" documentary and discussion led by Israeli TV Correspondent, Nadal Eyal	Academic Engagement Network	11/10/2016	11/11/2016	\$2,500
Tinio, Pablo	Creative Art Participation from Middle- to High-School Age: Impact on Identity Formation and Academic Achievement	US Department of Education - Subaward from Pace University	7/1/2017	6/30/2020	\$38,255
Exercise Science and Physical Education					
Hosick, Peter	The Role of Physical Activity and Cardiovascular Fitness in Exercise-Induced Growth Hormone Response in Obesity	American Heart Association	7/1/2017	6/30/2019	\$154,000
Matthews, Evan	Cardiovascular Implications of Sodium Induce Volume Loading	American Heart Association	7/1/2017	6/30/2019	\$154,000
Matthews, Evan	Sodium Induced Volume Loading and Cardiovascular Function During Rest and Exercise	American College of Sports Medicine	7/1/2017	6/30/2018	\$10,000
Family and Child Studies					
Goldfarb, Katia/ Robinson, Jennifer/ Straker-Banks, Allyson/ Fuentes, Milton	Montclair State University Center for Hispanic Serving Programs	US Department of Education	9/1/2017	8/31/2022	\$2,750,000
Lee, Chih-Yuan Steven	Cultural Values and Developmental Adjustment among Adolescents and Young Adults	Chiang Ching-kuo Foundation	7/1/2017	6/30/2018	\$64,137
Urban, Jennifer	Proposal to Evaluate the Children's Hospital of Philadelphia's Center to Promote Adolescent Health, Character and Well-Being: Translation and Dissemination Core	John Templeton Foundation - Subaward from Children's Hospital of Philadelphia	1/1/2017	12/31/2017	\$106,521
Urban, Jennifer/ Linver, Miriam	Process Evaluation of the Flourishing Project Program	Mayerson Family Foundations	1/1/2017	4/30/2018	\$243,474
Urban, Jennifer/ Linver, Miriam	Boy Scouts of America National Character Initiative	Stephen D. Bechtel, Jr. Foundation - Subaward from Boy Scouts of America	2/1/2017	4/30/2018	\$600,000
Urban, Jennifer/ Linver, Miriam	Boy Scouts of America National Character Initiative - Supplement	Stephen D. Bechtel, Jr. Foundation - Subaward from Boy Scouts of America	2/1/2017	4/30/2018	\$180,000
Urban, Jennifer/ Linver, Miriam	Evaluating STEM Scouts: The Design of a Comprehensive Evaluation Plan	National Science Foundation	7/1/2017	6/30/2018	\$129,142
van Eeden-Moorefield, Bradley/ Bermea, Autumn (Student)	Practitioner and Survivor Perspectives of Service Provision for Lesbian Survivors of Intimate Partner Violence	Smith College School for Social Work	8/1/2017	11/1/2018	\$5,285
Nutrition and Food Studies					
Blumberg, Renata	Enabling Conditions for Socially Just Food Systems	National Science Foundation - Subaward from Hamline University	6/1/2017	11/3/2018	\$28,875
Liou, Doreen	Dietary Beliefs and Behaviors in Relation to Obesity Prevention in Taiwanese Adults	Center for Chinese Studies, Taipei, Taiwan	6/1/2018	8/31/2018	\$6,377
Public Health					
Amutah, Ndiyamaka	2016 Cyber Mentors Award	American Psychological Association	1/1/2017	6/30/2017	\$13,970
Donnelly, Joseph/ Horn, Robert	Project S.T.A.R: Supporting Teens and Adolescent Responsibility	US Department of Health & Human Services	10/1/2016	9/30/2019	\$1,257,562
Helmy, Hannah	Abortion workforce diversity and sustainability: A qualitative intersectional study	Society of Family Planning	8/1/2017	7/31/2018	\$89,024
Lieberman, Lisa/ Goldfarb, Eva	Building Research Infrastructure to Improve Sexual Health and Educational Outcomes for Young People: A Robust University-Nonprofit Partnership	Spencer Foundation	7/1/2018	6/30/2021	\$400,000
Silvera, Stephanie/ Birnbaum, Amanda	Primary Prevention of Sexual Violence Program	US Department of Health and Human Services/CDC - Subaward from NJ Department of Children and Families	6/26/2017	9/20/2018	\$141,000
Secondary and Special Education					
Larkin, Douglas/ Adams, Sandra (CSAM)	AAAS Regional Summit on Stimulating Research and Innovation for Preservice Education of STEM Teachers in High-Needs Schools	National Science Foundation - Contract from American Association for the Advancement of Science	3/1/2017	6/30/2017	\$42,684

Larkin, Douglas/ Hagiwara, Sumi/ Klein, Vanessa	Understanding the Preparation and Retention of Science Teachers (UPREST)	National Science Foundation	9/1/2017	8/31/2022	\$999,565
Maloney, Tanya/ Picower, Bree	Critical Urban Education Speaker Series	NJ Council for the Humanities	10/1/2017	3/31/2019	\$13,700
State, Talida	Evaluating Accommodations For Secondary Students with Emotional and Behavioral Disorders (EBD)	US Department of Education - Subaward from Lehigh University	9/1/2017	8/31/2020	\$375,490
Total Proposals for CEHS: 32			Total Requested for CEHS:		\$13,471,809

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)**Anthropology**

Siegel, Peter	Raw Materials Survey and Archaeometric Analysis of Late Ceramic-Age Sites along the North-Central Coast of the Dominican Republic	National Science Foundation	7/30/2017	7/29/2019	\$115,174
Siegel, Peter	Raw Materials Survey and Archaeometric Analysis of Late Ceramic-Age Sites in North-Central Dominican Republic	National Science Foundation	7/15/2017	7/15/2019	\$118,876

Center for Translation and Interpreting

Jay-Rayon Ibrahim Aibo, Laurence/ Oppenheim, Lois	Leveraging Québec Expertise in Translation Pedagogy	Québec Delegate General	1/1/2018	12/31/2018	\$8,134
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Communication Sciences and Disorders

Boyle, Michael	Advancing Academic Research Careers Award	American Speech-Language-Hearing Association	8/1/2017	1/31/2019	\$5,000
Eisenberg, Sarita	Predictive Validity and Reliability of Language Sample Analysis from Age 3 to 5	National Institutes of Health	1/1/2018	12/31/2022	\$1,640,060
Eisenberg, Sarita	Better Together: Using Drill to Increase the Efficacy of Embedded Therapy for Grammatical Forms	American Speech-Language-Hearing Foundation	1/1/2018	12/31/2020	\$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	6/30/2018	\$12,061
Hitchcock, Elaine/ Swartz, Michelle (Student)	An investigation of the use of electropalatography versus traditional intervention for children with childhood apraxia of speech	The Childhood Apraxia of Speech Association of North America	3/1/2017	2/28/2018	\$29,879

English

Afzal-Khan, Fawzia	Siren Song: Women Singers of Pakistan	National Endowment for the Humanities	6/1/2017	3/30/2018	\$591,373
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Linguistics

Howell, Jonathan	Establishing a ground truth for focus placement in naturally-occurring speech	National Science Foundation	7/1/2017	6/30/2019	\$105,894
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Modern Languages and Literature

Oppenheim, Lois/ Wolf, Benjamin	"Daniel, Debra, Leslie (and Maybe Drew)"	NJ Council for the Humanities	7/1/2017	12/31/2018	\$20,000
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Political Science and Law

Wishnick, Elizabeth	WHITE PAPER: Is China a Good Neighbor? Resource Issues in China's Foreign Relations	The Minerva Research Initiative	-	-	\$739,328
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Psychology

Askew, Kevin/ Bonato, Frederick/ Sumner, Kenneth/ Propper, Ruth/ Simonet, Daniel	Development of a Multi-purpose Virtual Reality (MPVR) Laboratory: A Research Collaboration and Partnership with Montclair State University	Sony	6/1/2017	5/31/2018	\$100,000
King, Christopher	Self-Perceptions, Language Preferences, and Sophistication-Maturity as Relevant to the Legal System	US Department of Justice/ National Institute of Justice	1/1/2018	12/31/2019	\$200,000
King, Christopher	Sophistication-Maturity of Young Adult Offenders and College Students	American Psychology-Law Society	12/1/2016	11/30/2017	\$9,876
Lakusta, Laura	RUI: Interactions between language and cognition in the early acquisition of spatial language	National Science Foundation	1/1/2017	12/31/2020	\$585,290

Annual Report (2017): Proposals Submitted

Proposals Submitted: 07/01/2016 to 06/30/2017

Lakusta, Laura	Interactions between language and cognition in the early acquisition of spatial language	National Institutes of Health	7/1/2017	6/30/2020	\$422,307
Lowe, Sarah	GuLF Study: Support for Mental Health Analyses	National Institutes of Health - Subaward from Social and Scientific Systems, Inc.	11/20/2016	9/25/2017	\$37,371
Lowe, Sarah	A spatial epidemiological approach to post disaster mental health based on Twitter	European Research Council - Subaward from Robert Koch Institute	1/1/2018	12/31/2022	\$76,409
Lowe, Sarah	The impact of discrimination on the mental health and academic achievement of Arab American college students	Center for Arab American Philanthropy	9/1/2016	8/31/2017	\$2,481
Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	7/1/2017	6/30/2020	\$562,584
Propper, Ruth	Domains 1, 3, and 6: Handedness, Hemispheres, and Space-Time Perception Interactions	US Army Research Institute for the Behavioral and Social Sciences	1/15/2018	1/14/2021	\$292,686
Propper, Ruth	Expanding Opportunities in Applied Neuroscience for Minority Undergraduate and Graduate Women	Monticello College Foundation	9/1/2016	5/15/2016	\$50,864
Propper, Ruth	Scholarship for Immersive Winter Research Experience for the Study of Marine Mammal Cognition	Monticello College Foundation	1/3/2018	1/10/2018	\$12,850
Propper, Ruth/ Bonato, Frederick	Enhancing the Virtual Reality Experience by Manipulating Display Visual Attributes	Sony	6/1/2017	5/31/2018	\$100,000
Sandry, Joshua	Working memory and medial temporal lobe contributions to long-term memory impairment in TBI	NJ Department of Health/ NJ Commission on Brain Injury Research	6/1/2017	5/31/2019	\$157,168
Sandry, Joshua	The impact of clinical depression on learning and associated brain function in individuals with TBI	US Department of Health & Human Services/Administration for Community Living - Subaward from Kessler Foundation	6/1/2017	5/31/2020	\$40,881
Sandry, Joshua	The impact of clinical depression on learning and associated brain function in individuals with TBI	National Institutes of Health - Subaward from Kessler Foundation	9/1/2017	8/31/2019	\$13,226
Simonet, Daniel/ Sumner, Kenneth/ Askew, Kevin	Assessing Talent in a Virtual World: Proof of Concept of Selection Fidelity in Simulated Work Experiences	Sony	6/1/2017	5/31/2018	\$100,000
Zellner, Debra	Discovering the elements of school lunch programs that successfully increase healthy eating among low income children	Hilda and Preston Davis Foundation - Subaward from Monell Chemical Senses Center	7/1/2016	6/30/2018	\$62,400
Zottoli, Tina	Juvenile competency to enter guilty pleas: Development of a rapid screening tool for attorneys	US Department of Justice/Office of Juvenile Justice and Delinquency Prevention	10/1/2017	3/31/2020	\$450,128

Religion

Clatterback, Mark/ Murdock, Bryan (Center for Community Engagement)/ Wu, Meiyin (CSAM)/ Kelshaw, Todd (School of Communication and Media)	Environmental Engagement in New Jersey: An Interdisciplinary Exploration	National Endowment for the Humanities	5/1/2017	8/31/2019	\$100,000
Soboslai, John	Global Religions Interface	National Endowment for the Humanities	1/1/2018	12/31/2018	\$26,835
Temoney, Kate	Balancing the Collaborative Reporting of Religion	American Council of Learned Societies	9/1/2016	8/31/2017	\$68,000

Robert D. McCormick Center for Child Advocacy and Policy

Dickinson, Jason	Summer Housing Internship Program - SHIP FY17	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2016	6/30/2017	\$127,496
Dickinson, Jason	Collaborative Research: The Impact of Face-to-Face and Remote Interviewing on the Quality of Children's Eyewitness Evidence	National Science Foundation - Collaborative Proposal with Central Michigan University	5/1/2017	4/30/2020	\$166,658
Dickinson, Jason	Post BA Certificate in Adolescent Advocacy 2016 - 2017	NJ Department of Children and Families	9/1/2016	8/31/2017	\$246,238
Dickinson, Jason/ Lytle, Nicole	Web Based Training for Mandated Reporting of Child Abuse and Neglect	NJ Department of Children and Families	3/1/2017	9/30/2017	\$15,077
Forenza, Bradley/ Murdock, Bryan (Center for Community Engagement)	Four (4) New Jersey Youth Advisory Network (YAN) Regional Chapters	NJ Department of Children and Families	7/1/2017	6/30/2018	\$130,000
Lytle, Nicole/ Dickinson, Jason	An Analysis of Police Interviews with Fresh Complaint Witnesses in Child Sexual Abuse Investigations	American Psychology-Law Society	3/17/2017	3/16/2018	\$4,950
Shpiegel, Svetlana	Risk Factors for Adolescent Parenthood among Youths Emancipating from Foster Care: A Latent Class Analysis Approach	Fahs-Beck Fund For Research and Experimentation	3/1/2017	3/1/2018	\$15,270

	Shpiegel, Svetlana	Center for Adolescent Health Promotion for Youth in Out of Home Care	US Department of Health & Human Services/Office of the Assistant Secretary for Health - Subaward from University of Texas at Austin	9/1/2017	8/31/2020	\$15,000
Sociology						
	Besen-Cassino, Yasemin	<i>Gender and Society</i> Book Review	Sociologists for Women in Society	6/1/2017	5/31/2018	\$15,000
	Donoghue, Christopher	The Healthy Adolescent Relationships Today (HART) Research Center	US Department of Health & Human Services/Office of the Assistant Secretary for Health	7/1/2017	6/30/2020	\$1,500,000
Spanish and Italian						
	Fiore, Teresa	Italian for Spanish Speakers and Made in Italy: Sustainable Economy and the Culture of Beauty (Digital Curriculum)	Italian Ministry of Foreign Affairs and International Cooperation	9/1/2017	12/31/2017	\$16,272
	Fiore, Teresa/ Trubiano, Marisa	Audiovisual translation in Italian	Italian Ministry of Foreign Affairs and International Cooperation	1/1/2017	12/31/2017	\$15,000
Writing Studies						
	Restaino, Jessica	Live Literature: Expanding Text, Discipline, and Writing Process	National Endowment for the Humanities	1/1/2018	12/31/2020	\$92,130
Total Proposals for CHSS: 47				Total Requested for CHSS:		\$9,291,226

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)**Biology**

	Du, Charles	A single gene knock-out resource for maize: filling gaps in the genome with targeted Ds-GFP insertions	National Science Foundation	1/1/2018	12/31/2020	\$997,167
	Gaynor, John/ Snitsarev, Vladislav/ Petroff, Elena/ Bologna, Paul	Pharmacologically Active Peptides in Jellyfish Venom	National Institutes of Health	4/1/2018	3/31/2021	\$321,151
	Hazard, Lisa	Responses of breeding wood frogs to road salt contamination	NJ Department of Environmental Protection/Division of Fish and Wildlife	3/1/2017	2/28/2018	\$3,485
	Meredith, Robert/ Adams, Sandra/ Du, Charles/ Gaynor, John/ Monsen, Kirsten	MRI: Acquisition of a Shared Use Integrated Next-Generation Sequencing Platform	National Science Foundation	10/1/2017	9/30/2020	\$202,125
	Molina, Carlos	Post-translational Regulation of Inducible cAMP Early Repressor and its Implications in Cancer	National Institutes of Health	1/1/2018	12/31/2021	\$1,297,953

Chemistry and Biochemistry

	Gao, Jinshan	RUI: Glycan Characterization and Quantitative Analysis via Free Radical Induced Dissociation	National Science Foundation	9/1/2017	8/31/2020	\$297,657
	Gao, Jinshan	Development of solid-supported free radical probes for glycan structure elucidation, enrichment, and ionization enhancement	National Institutes of Health	9/1/2016	8/31/2019	\$356,609
	Gao, Jinshan/ Deng, Yang (Earth and Environmental Studies)	A Novel Water Analytical Technique for Identification and Quantification of Traceable Emerging Contaminants and Their Transformation Products for Improved Water Reuse	US Geological Survey - Subaward from NJ Water Resources Research Institute/Rutgers University	3/1/2017	2/28/2018	\$20,000
	Gindt, Yvonne	DNA Repair under Extreme Conditions - Extended Studies	National Aeronautics and Space Administration - Subaward from Temple University	2/20/2017	2/19/2021	\$152,666
	Goodey, Nina	RUI: Distal ligand specificity determinants in dihydrofolate reductase	National Science Foundation	9/1/2017	8/31/2020	\$308,181
	Goodey, Nina/ Konas, David	Investigation of Substrate Specificity, Mechanism, and Inhibition of IGPS	National Institutes of Health	1/1/2018	12/31/2020	\$301,781
	Goodey, Nina/ Lange, Keith (Student)	ASBMB Undergraduate Research Award	American Society for Biochemistry and Molecular Biology	5/22/2017	6/30/2018	\$1,000
	O'Neil, Glen	Single nanoparticle electrocatalysis: Investigation of CO ₂ reduction using impact electrochemistry	American Chemical Society - Petroleum Research Fund	9/1/2018	8/31/2020	\$55,000

Annual Report (2017): Proposals Submitted

Proposals Submitted: 07/01/2016 to 06/30/2017

Rotella, David	Development of Small Molecule Drug Candidates against Botulism	US Army Medical Research and Material Command - Subaward from Institute of Advanced Sciences	9/1/2016	8/31/2019	\$910,093
Rotella, David/ Siekierka, John	Development of inhibitors of P. falciparum cGMP dependent protein kinase (PFPKG) for malaria chemoprevention	National Institutes of Health - Subaward from Rutgers University	7/1/2017	6/30/2020	\$973,038
Computer Science					
Coutras, Constantine	Understanding, Developing and Managing Competency-Based Education Degrees	Spencer Foundation	7/1/2017	6/30/2018	\$37,973
Herbert, Katherine/ Goodey, Nina (Chemistry and Biochemistry)/ Schneemeyer, Lynn (Dean's Office)/ Ruszczyk, Stephen (CHSS)	NJ PROGRESS: PROMoting GRaduate Education for Success in Science	National Science Foundation	9/1/2017	8/31/2021	\$4,999,376
Leberknight, Christopher/ Feldman, Anna (CHSS)	SaTC: CORE: Medium: Collaborative: A Linguistically-Informed Approach for Measuring and Circumventing Internet Censorship	National Science Foundation - Collaborative Proposal with Princeton University	7/1/2017	6/30/2020	\$556,458
Peng, Jing/ Feldman, Anna (CHSS)	REU Site: Research Experience for Undergraduates in Artificial Intelligence	National Science Foundation	5/15/2017	5/14/2020	\$266,577
Zhu, Michelle	NeTS:SMALL:Collaborative Research: Towards High-throughput Bandwidth Reservation Strategies for Data Transfers in High-performance Networks and Clouds	National Science Foundation - Collaborative Proposal with California State University	7/1/2017	6/30/2020	\$221,582
Zhu, Michelle	BIGDATA: F: Collaborative Research: Progressive Analytics With Parallel Visualization and Distributed Clustering of Big Data in eScience	National Science Foundation - Collaborative Proposal with NJ Institute of Technology	1/20/2018	1/19/2021	\$187,895
Zhu, Michelle/ Panorkou, Nicole (Mathematical Sciences)/ Lal, Pankaj Earth and Environmental Studies)/ Samantha, Bharath	Assimilating Computational and Mathematical thinking into Earth and Environmental Science (ACMES)	National Science Foundation	9/1/2017	8/31/2020	\$1,147,085
Dean's Office					
Weinstein, Michael	Field Testing A Passive Multisampler To Measure Dioxins/Furans and Other Contaminant Bioavailability in Aquatic Sediments	US Department of Defense - Subcontract from University of Rhode Island	5/1/2018	1/31/2021	\$73,773
Earth and Environmental Studies					
Alo, Clement	A pilot project: Advancing predictive understanding of impacts of climate variability and change on water supply availability in the Passaic River Basin, New Jersey	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	7/1/2017	6/30/2018	\$19,998
Blacic, Tanya	Collaborative Research: Geophysical Investigation of the Hollister Ridge, South Pacific - Implications for off-axis volcanism and melt transport through the lithosphere	National Science Foundation - Collaborative Proposal with Woods Hole Oceanographic Institution	3/1/2017	2/28/2020	\$236,916
Blacic, Tanya/ Alo, Clement/ Ophori, Duke	Collaborative Research: Effects of changes in climate regime on hydrogeomorphic processes in montane meadows	National Science Foundation - Collaborative Proposal with University of California-Davis and California State University, East Bay Foundation, Inc.	8/1/2017	7/31/2020	\$274,283
Brachfeld, Stefanie	Collaborative Research: Elucidating the role of magnetite in rhyolite vesiculation	National Science Foundation - Collaborative Proposal with University of Hawaii	1/1/2017	12/31/2020	\$116,991
Brachfeld, Stefanie/ Li, Xiaona/ Deng, Yang/ Pope, Gregory/ Kruge, Michael/ Passchier, Sandra/ Goring, Matthew	Acquisition of a Laser Ablation System to Enhance STEM Research and Education at Montclair State University	US Department of Defense	4/24/2017	4/23/2018	\$127,885
Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautics and Space Administration - Subaward from California Institute of Technology	6/15/2016	12/31/2016	\$10,537
Chopping, Mark	Evaluating Arctic Radiation Balance and Photosynthesis Characteristics with the Multi-Angle Imaging Unmanned Airborne System	National Aeronautics and Space Administration - Subaward from University of Maryland	2/1/2017	1/31/2020	\$95,861
Chopping, Mark/ Robila, Stefan (Computer Science)	A Small Unmanned Aerial Vehicle Facility for STEM Education and Research at Montclair State University (sUAVSTER)	US Department of Defense	4/24/2017	4/23/2018	\$495,714

Annual Report (2017): Proposals Submitted

Proposals Submitted: 07/01/2016 to 06/30/2017

Deng, Yang	PRE-PROPOSAL: P- Phosphorus Removal from Wastewater with a Next-Generation Treatment Agent – Ferrate(VI)	Water Environment & Reuse Foundation	3/1/2017	2/28/2019	\$135,128
Deng, Yang	Collaborative Research: Functionalized Wood Mulch for In-Situ Physicochemical and Biological Treatment of Urban Stormwater Runoff	National Science Foundation - Collaborative Proposal with University of Hawaii	8/1/2017	7/31/2020	\$165,000
Deng, Yang	Detection, Characterization and Mitigation of Refractory Dissolved Organic Nitrogen (rDON) in Landfill Leachate	Environmental Research and Education Foundation - Subaward from Lamar University	9/1/2017	8/31/2019	\$50,000
Deng, Yang	Toward Sustainable Urban Stormwater Management with New, Green, Low-Cost Sorbent-Coated Wood Mulch (Phase II)	US Environmental Protection Agency	1/1/2018	12/31/2019	\$75,000
Deng, Yang	GOALI: Collaborative Research: Towards Sustainable Landfill Leachate Management through Improved Understanding of UV-Quenching Substances (UVQS) and Dissolved Organic Nitrogen (DON)	National Science Foundation - Collaborative Proposal with Rutgers University and Lamar University	8/1/2017	7/31/2020	\$151,129
Deng, Yang	Toward a Green Water Reuse Technology with Ferrate(VI)	United States - Israel Binational Science Foundation - Collaborative Proposal with Technion - Israel Institute of Technology	9/1/2017	8/31/2019	\$60,000
Deng, Yang/ Wu, Meiyin (Passaic River Institute)	Ferrate(VI) Removal of Algal Cells and Toxins from Harmful Algal Blooms (HABs) for Small Drinking Water Systems	Water Innovation Network for Sustainable Small Systems - Subaward from University of Massachusetts Amherst	3/1/2017	8/31/2017	\$50,000
Deng, Yang/ Yang, Lisitai (Student)	Closing the Urban Water Cycle: Sewage Sludge-Derived Biochar (SSDB) for Urban Stormwater Management	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	3/1/2017	2/28/2018	\$5,000
Feng, Huan/ Nie, Jinge (Student)	Modeling approach for simulation and prediction of total dissolved solid transport along Passaic River and in Newark Bay	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	6/1/2017	5/31/2018	\$5,000
Lal, Pankaj	Exploring Socioeconomic Implications And Public Policy Challenges Of Pine-Based Bioenergy And Bioproducts Markets Through Place-Based Approach	US Department of Agriculture	1/1/2017	12/31/2020	\$500,000
Lal, Pankaj	Ecosystem service tradeoffs, landowner incentives, and optimal policy design to promote sustainable Longleaf Pine agroecosystems	US Department of Agriculture - Subaward from University of Florida	5/20/2017	5/19/2020	\$96,441
Lal, Pankaj	Collaborative Research: PREEVENTS Track 2: Mobilization and transformation of hazardous materials due to major coastal storms: Impact on public health and community resilience	National Science Foundation - Collaborative Proposal with NJ Institute of Technology, Rutgers University Newark, Texas A&M Engineering Experiment Station, CUNY City College	6/1/2017	5/31/2020	\$259,423
Lal, Pankaj	Assessing socioeconomic impacts of forest biomass based biofuel development on rural communities in the Southern United States (U.S.) - Supplement	U.S. Department of Agriculture	8/1/2017	7/31/2019	\$250,000
Lal, Pankaj/ Pope, Gregory/ Tuininga, Amy (PSEG Institute for Sustainability Studies)/ Deng, Yang/ Lorenzo Trueba, Jorge	Research and Education to Advance Careers for Hispanics and Underrepresented Persons (REACH UP) in Agriculture, Natural Resources and Human Sciences	U.S. Department of Agriculture	7/1/2018	6/30/2022	\$1,000,000
Lal, Pankaj/ Tuininga, Amy (PSEG Institute for Sustainability Studies)/ Pope, Greg/ Deng, Yang/ Galster, Joshua/ Miller, Jessica (CEHS)	We Enrich and Enhance Sustainability through Undergraduate Research and Experience in Food, Agriculture, Natural Resources and Human Sciences (WE ENSURE FANH)	U.S. Department of Agriculture	6/1/2018	5/31/2022	\$300,000
Lal, Pankaj/ Wu, Meiyin (Passaic River Institute)	Socio-economic Evaluation of Green Infrastructure Alternatives for Stormwater Management in Paterson Township	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	4/1/2017	3/31/2017	\$20,000
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

Passchier, Sandra	Timing and spatial distribution of Antarctic Ice Sheet growth and sea-ice formation across the Eocene-Oligocene Transition	National Science Foundation	6/1/2018	5/31/2021	\$359,020
Taylor, Robert	Actionable Decision-Making for Flooding Events utilizing a small UAV Platform with LiDAR and Hyperspectral Instruments	US Department of Defense	4/24/2017	4/23/2018	\$197,859
Health Careers					
Lorenzo, Donna	Montclair State University Upward Bound Math and Science Project	US Department of Education	9/1/2017	8/31/2022	\$257,500
Lorenzo, Donna	Montclair State University Upward Bound Project	US Department of Education	9/1/2017	8/31/2022	\$257,500
Mathematical Sciences					
Bai, Deepak	Colorful Random Graphs	Simons Foundation	9/1/2017	8/31/2022	\$42,000
Choi, Youngna	Financial Instability behind Economic Causation and Wealth Inequality	Simons Foundation	9/1/2017	8/31/2022	\$42,000
Cutler, Jonathan	Problems related to the enumeration of independent sets in graphs	Simons Foundation	9/1/2017	8/31/2022	\$42,000
Favata, Marc	CAREER: Research and Education in Gravitational-Wave Science	National Science Foundation	6/1/2017	5/31/2022	\$459,285
Favata, Marc	RUI: Constraining gravitational-wave memory and binary eccentricity with ground-based interferometers	National Science Foundation	6/1/2017	5/31/2020	\$245,383
Greenstein, Steven/ Fernandez, Eileen	EAGER:MAKER: Teachers Making for Mathematical Learning	National Science Foundation	7/1/2017	6/30/2019	\$299,729
Ivanescu, Andrada	CAREER: Dynamic Prediction and Inference for Longitudinal and Functional Data	National Science Foundation	6/1/2017	5/31/2022	\$407,157
Krupa, Erin	Using Animated Contrasting Cases to Improve Procedural and Conceptual Knowledge in Geometry	National Science Foundation	9/1/2017	8/30/2020	\$449,978
Krupa, Erin/ Greenstein, Steven/ Robinson, Jennifer (CEHS)	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher	National Science Foundation	7/1/2017	6/30/2022	\$1,449,992
Li, Aihua	Collaborative Research: REU Site: Alliances for Bridging Two-Year and Four-Year Colleges Through Student Research Projects in Discrete Mathematics	National Science Foundation - Collaborative Proposal with Rowan University and The College of New Jersey	5/1/2017	4/30/2020	\$105,780
Murray, Eileen	Analyzing Instruction in Math and Science with TRU: An MFA, NYSMTP, SUNY Buffalo State, and MSU Partnership Proposal	Spencer Foundation	7/1/2018	6/30/2021	\$399,248
Murray, Eileen/ Golnabi, Amir	Adjunct Mathematics Instructor Resources and Support: Improving Undergraduate Precalculus Teaching and Learning Experience	National Science Foundation	9/1/2017	8/31/2020	\$300,000
Nita, Bogdan	Collaborative Research in Mathematics and Music	Simons Foundation	9/1/2017	8/31/2022	\$42,000
Panorkou, Nicole	When counting cubes is not enough: Exploring volume measurement dynamically	National Academy of Education/ Spencer Foundation	9/1/2017	8/31/2019	\$70,000
Su, Haiyan	Adjusted empirical likelihood-based inference for treatment comparisons	Simons Foundation	9/1/2017	8/31/2022	\$42,000
Thomas, Diana	Efficacy of a mHealth smartphone app for weight loss and maintenance	National Institutes of Health - Subaward from Pennington Biomedical Research Center	9/1/2017	8/31/2022	\$3,000
Thomas, Diana	Evaluating rigor and reproducibility in dietary supplement studies	National Institutes of Health - Subaward from University of Alabama at Birmingham	1/1/2017	12/31/2017	\$12,626
Vaidya, Ashuwin	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	8/1/2017	7/31/2020	\$126,992
Vaidya, Ashuwin/ Nita, Bogdan/ Munakata, Mika	LASER: Linking Art and Science through Education and Research	National Science Foundation	9/1/2017	8/30/2020	\$515,168

Annual Report (2017): Proposals Submitted

Proposals Submitted: 07/01/2016 to 06/30/2017

Passaic River Institute

Wu, Meiyin	Assess Habitat Connectivity in New Jersey	NJ Department of Environmental Protection	10/1/2017	9/30/2020	\$30,000
Wu, Meiyin/ Acosta-Caraballo, Yaritza (Student)	Bioaccumulation of Microcystins in Freshwater Fish	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	4/1/2017	3/31/2018	\$5,000
Wu, Meiyin/ Bergen, Nicole (Student)	Evaluating the Success and Monitoring the Usage of Wildlife Crossing Structures	NJ Department of Environmental Protection	2/1/2017	1/31/2018	\$3,500
Wu, Meiyin/ Deng, Yang (Earth and Environmental Studies)/ Lee, Lee (Biology)	LETTER OF INTEREST: Feasibility Study of Ultrasonic/Ferrate Treatments for Control of Harmful Algal Blooms in Freshwater	Woodard & Curran Foundation	10/1/2017	9/30/2020	-
Wu, Meiyin/ Deng, Yang (Earth and Environmental Studies)/ Lee, Lee (Biology)	Feasibility Study of Ultrasonic/Ferrate Treatments for Control of Freshwater Harmful Algal Blooms	US Environmental Protection Agency	9/1/2017	8/31/2020	\$760,000
Wu, Meiyin/ Lee, Lee (Biology)	LETTER OF INTENT: Revisiting the Musconetcong after Ten Years	Delaware Watershed Research Fund/William Penn Foundation	1/1/2018	12/31/2019	\$335,280
Wu, Meiyin/ Rossi, Alessandra (Student)	Quantifying and Qualifying Floatable Trash from Tributaries of the Lower Passaic River	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	4/1/2017	3/31/2018	\$5,000

PSEG Institute for Sustainability Studies

Lal, Pankaj	Integrated Monitoring for Resiliency Against Disasters (IMRAD)	Department of the Interior/ The National Fish and Wildlife Foundation - Subaward from NJ Department of Environmental Protection	1/1/2017	12/31/2023	\$931,024
Tuininga, Amy/ Lal, Pankaj	NSF INCLUDES DDLP: Sustainability Teams Empower and Amplify Membership in STEM (S-TEAMS)	National Science Foundation	11/1/2017	10/31/2019	\$300,000

Total Proposals for CSAM: 80

Total Requested for CSAM:

\$26,794,952

GLOBAL EDUCATION

Dominguez, Domenica	IIE Top Up Grants for Syrian Students	Institute of International Education	1/1/2017	12/31/2017	\$25,000
Dominguez, Domenica	Erasmus+ Call 2017	Erasmus+ - Subaward from University of Graz, Austria	1/1/2018	7/31/2019	\$30,446
Dominguez, Domenica	Syria Consortium Top Up Grant	Institute of International Education	7/30/2017	6/30/2018	\$25,000

Total Proposals for Global Education: 3

Total Requested for Global Education:

\$80,446

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
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	1/1/2017	5/31/2017	\$20,000

Total Proposals for Library Services: 2

Total Requested for Library Services:

\$40,000

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

Counseling and Psychological Services

Uy, Jude/ Freidman-Lombardo, Jaclyn	Project Suicide Awareness Violence Education and Response (Project SAVER) at Montclair State University	US Department of Health & Human Services/SAMHSA	9/1/2017	8/31/2020	\$306,000
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Emergency Medical Services

Lawrence, Jacqueline	Assistance to Firefighters Grant	Federal Emergency Management Agency	3/3/2017	3/3/2018	\$144,762
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Intercollegiate Athletics

Gera, Holly	NCAA Division III Ethnic Minorities and Women's Internship Grant	National Collegiate Athletic Association	9/1/2017	8/31/2019	\$53,320
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Student Academic Services

Straker-Banks, Allyson/ Indiveri-Gant, Jeffrey	Montclair State University and Passaic County Community College: Seamless Transfer Pathways	Education Design Lab	9/1/2017	6/30/2024	-
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University Police

Lobefaro, Pietro	Montclair State University Police Department Camera Program	Body Worn	US Department of Justice/Office of Justice Programs	10/1/2017	9/30/2019	\$55,500
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Total Proposals for SDCL: 5	Total Requested for SDCL :	\$559,582
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Total Proposals: 175	Grand Total:	\$51,337,485
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Annual Report (FY 17): Awards Received

Awards Received: 07/01/2016 to 06/30/2017

Division/College and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
ACADEMIC AFFAIRS						
CENTER FOR COMMUNITY ENGAGEMENT						
	Murdock, Bryan/Woolston, Krystal/ FitzGerald, Randall (CSAM)/ Dapiran, Danielle	Montclair State University EECO Project - Year 2	NJ Commission on National and Community Service	9/1/2016	8/31/2017	\$ 300,414
	Murdock, Bryan	City of Orange Proposal to the U.S. Department of Education: Assisted Full Service Community Schools Program - Year 3	US Department of Education	10/1/2016	9/30/2017	\$ 486,594
	Woolston, Krystal	Dr. Martin Luther King, Jr. Day of Service	NJ Commission on National and Community Service	1/1/2017	4/16/2017	\$ 2,500
Total Awards for Center for Community Engagement: 3				Total for Center for Community Engagement :		\$ 789,508
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	General Programming Support - FY 2017	NJ State Council on the Arts	7/1/2016	6/30/2017	\$ 54,464
	Wheeler, Jedediah	Presenting & Multidisciplinary Works: To support three productions in the Women at Work Season, a series of artworks celebrating women in the performing arts	National Endowment for the Arts	6/1/2017	5/31/2018	\$ 40,000
Theater and Dance						
	Benton, Heather/ Gilbert-Simon, Wendy (Global Education)	Devised Theatre Project of the Americas: US and Chile	US Department of State - Subaward from Partners of the Americas	5/15/2017	8/31/2018	\$ 42,000
Universtiy Art Galleries						
	Rodriguez, Teresa	General Programming Support - FY 2017	NJ State Council on the Arts	7/1/2016	6/30/2017	\$ 11,545
Total Awards for CART:4				Total for CART :		\$ 148,009
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Autism and Early Childhood Mental Health						
	Costa, Gerard/ Mulcahy, Kaitlin	The Coordinating Center at Montclair State University (CC-MSU) - Supplements 3 and 4	NJ Department of Health/ NJ Governor's Council for Medical Research and Treatment of Autism	6/15/2012	6/30/2018	\$ 771,692
	Costa, Gerard/ Mulcahy, Kaitlin	Project LAUNCH 2016 - 2017	NJ Department of Children and Families	7/1/2016	6/30/2017	\$ 502,669
Center of Pedagogy						
	Robinson, Jennifer	Being United in Leadership Development (BUILD) - Year 2	NJ Department of Education	8/1/2016	7/31/2017	\$ 199,999
	Robinson, Jennifer/ Wray, Susan	Newark Montclair Urban Teacher Residency - Year 3	US Department of Education	10/1/2016	9/30/2017	\$ 1,167,888
Counseling and Educational Leadership						
	Hannon, Michael	Professional Development Needs of Urban School Counselors: A Replication Pilot Study	Association for Counselor Education and Supervision	9/22/2016	10/31/2016	\$ 570
	Hodge, Emily	Supporting Common Core Implementation in English/Language Arts: Investigating the Resource Selection and Dissemination Strategies of State Coordinators	Spencer Foundation	1/1/2017	12/31/2018	\$ 49,999
Educational Foundations						
	Grinberg, Jaime	"HATE" documentary and discussion led by Israeli TV Correspondent, Nadal Eyal	Academic Engagement Network	11/10/2016	11/11/2016	\$ 2,500

Annual Report (FY 17): Awards Received

Awards Received: 07/01/2016 to 06/30/2017

Matthews, Jamaal	CAREER: How Urban Adolescents Come to Think of Themselves as Mathematicians - Years 3 & 4	National Science Foundation	7/1/2016	6/30/2019	\$	306,691
Family and Child Studies						
Reid, Robert/ Garcia-Reid, Pauline	Project C.O.P.E. - Years 2 & 3	US Department of Health and Human Services/SAMHSA	9/30/2016	9/29/2017	\$	567,750
Reid, Robert/ Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA)- Year 4	US Department of Health and Human Services/SAMHSA	9/30/2016	9/29/2017	\$	125,000
Urban, Jennifer/ Linver, Miriam	Boy Scouts of America National Character Initiative	Stephen D. Bechtel, Jr. Foundation - Subaward from Boy Scouts of America	2/1/2017	4/30/2018	\$	600,000
Urban, Jennifer	Proposal to Evaluate the Children's Hospital of Philadelphia's Center to Promote Adolescent Health, Character and Well-Being: Translation and Dissemination Core	John Templeton Foundation - Subaward from The Children's Hospital of Philadelphia	1/1/2017	12/31/2017	\$	106,521
Nutrition and Food Studies						
Blumberg, Renata/ Lal, Pankaj (CSAM)	Bridging the Gap Between New Jersey Farmers and Consumers Through Research, Education and Outreach	US Department of Agriculture/NIFA	1/1/2017	12/31/2018	\$	150,000
Bose, Mousumi	STAIR II Consortium	National Institutes of Health - Subaward from University of Nebraska	9/1/2016	8/31/2017	\$	62,678
Public Health						
Amutah, Ndidiamaka	2016 Cyber Mentors Award	American Psychological Association	1/1/2017	9/30/2017	\$	13,970
Silvera, Stephanie/ Birnbaum, Amanda	Primary Prevention of Sexual Violence Program	US Department of Health and Human Services/CDC - Subaward from NJ Department of Children and Families	6/14/2017	9/30/2018	\$	141,000
Secondary and Special Education						
Larkin, Douglas/ Adams, Sandra (CSAM)	AAAS Regional Summit on Stimulating Research and Innovation for Preservice Education of STEM Teachers in High-Needs Schools	National Science Foundation - Contract from American Association for the Advancement of Science	4/1/2017	8/31/2017	\$	50,000
Total Awards for CEHS: 17					Total for CEHS :	\$ 4,818,927

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

Anthropology						
Matthews, Christopher	From Creole Synthesis to Racial Modernity: An archaeology of culture change in the Native and African American Community in Setauket, New York	Wenner-Gren Foundation	1/1/2017	5/31/2018	\$	16,968
Center for Translation and Interpreting						
Jay-Rayon Ibrahim Aibo, Laurence	Leveraging Québec Expertise in Translation Pedagogy	Québec Delegate General	1/1/2018	12/31/2018	\$	3,500
Communication Sciences and Disorders						
Boyle, Michael	Advancing Academic Research Careers Award	American Speech-Language-Hearing Association	8/1/2017	1/31/2019	\$	5,000
Linguistics						
Howell, Jonathan	Establishing a ground truth for focus placement in naturally-occurring speech	National Science Foundation	7/1/2017	6/30/2019	\$	105,894
Psychology						
Lakusta, Laura	RUI: Interactions between language and cognition in the early acquisition of spatial language	National Science Foundation	3/15/2017	2/29/2020	\$	500,000

Annual Report (FY 17): Awards Received

Awards Received: 07/01/2016 to 06/30/2017

	Lowe, Sarah	Identifying Risk Factors for PTSD by Pooled Analysis of Current Prospective Studies- Year 1	National Institutes of Health - Subaward from Harvard University	5/1/2016	4/30/2017	\$	18,490
	Lowe, Sarah	GuLF Study: Support for Mental Health Analyses	National Institutes of Health - Subcontract from Social and Scientific Systems	1/10/2017	9/25/2017	\$	37,371
	Zellner, Debra	Discovering the elements of school lunch programs that successfully increase healthy eating among low income children	Hilda and Preston Davis Foundation - Subaward from Monell Chemical Senses Center	7/1/2016	6/30/2018	\$	62,400
Robert D. McCormick Center for Child Advocacy and Policy							
	Dickinson, Jason	Collaborative Research: The Impact of Face-to-Face and Remote Interviewing on the Quality of Children's Eyewitness Evidence	National Science Foundation - Collaborative Proposal with Central Michigan University	5/1/2017	4/30/2020	\$	166,658
	Dickinson, Jason/ Lytle, Nicole	Web Based Training for Mandated Reporting of Child Abuse and Neglect	NJ Department of Children and Families	3/1/2017	9/30/2017	\$	15,077
	Dickinson, Jason	Summer Housing Internship Program - SHIP FY17	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2016	6/30/2017	\$	127,496
	Dickinson, Jason	Post BA Certificate in Adolescent Advocacy 2016 - 2017	NJ Department of Children and Families	9/1/2016	8/30/2017	\$	246,238
Sociology							
	Besen-Cassino, Yasemin	Gender and Society Book Review - Year 3	Sociologists for Women in Society	6/1/2017	5/31/2018	\$	15,000
Spanish and Italian							
	Fiore, Teresa	Audiovisual translation in Italian	Italian Ministry of Foreign Affairs and International Cooperation	1/1/2017	12/31/2017	\$	15,000
Total Awards for CHSS: 14						Total for CHSS: \$	1,335,092
COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)							
Biology							
	Bologna, Paul	Assessing the Biological Control of Sea Nettles <i>Chrysaora quinquecirrha</i> by Nudibranchs	NJ Department of Environmental Protection	5/1/2016	10/30/2016	\$	56,791
	Bologna, Paul	Assessment of clinging jellyfish <i>Gonionemus vertens</i> populations in the Shrewsbury River Estuary and the Manasquan River Estuary - Supplemental	NJ Department of Environmental Protection	5/15/2017	4/30/2018	\$	30,797
	Du, Charles	A sequence-indexed reverse genetics resource for maize: a set of lines with single Ds-GFP insertions spread throughout the genome - Year 3	National Science Foundation - Subaward from Rutgers University	4/1/2016	3/31/2018	\$	170,715
	Vanderklein, Dirk/ Goodey, Nina (Chemistry and Biochemistry)/ Dalley, Julie (RAUL)/ Galster, Josh (Earth and Environmental Studies)	STEM Pioneers: A 3-year pilot study to increase science literacy and STEM enrollment among first-year first-generation students	National Science Foundation	10/1/2016	9/30/2019	\$	300,000
	Vanderklein, Dirk	Community Tree Inventory Pilot Study	NJ Department of Environmental Protection - subcontract from Montclair Township	8/4/2016	8/3/2018	\$	10,000
Chemistry and Biochemistry							
	Gao, Jinshan	RUI: Glycan Characterization and Quantitative Analysis via Free Radical Induced Dissociation - Year 1	National Science Foundation	6/1/2017	5/31/2020	\$	103,000
	Goodey, Nina/ Krumins, Jennifer (Biology)	RUI: SusChEM: Increasing Soil Enzymatic Function with Targeted Microbial Inocula	National Science Foundation	9/1/2016	8/31/2019	\$	320,180

Annual Report (FY 17): Awards Received

Awards Received: 07/01/2016 to 06/30/2017

	Goodey, Nina/ Lange, Keith (Student)	ASBMB Undergraduate Research Award	American Society for Biochemistry and Molecular Biology	5/22/2017	6/30/2018	\$	1,000
	Goodey, Nina/ Herbert, Katherine (Computer Science)/ Siekierka, John/ Kasner, Marc/ Krumins, Jennifer (Biology)	Opening Pathways, Engaging, and Networking in Chemistry in Northern New Jersey (OPEN-NJ)- Years 2 through 5	National Science Foundation	7/1/2016	6/30/2020	\$	553,152
Computer Science							
	Peng, Jing/ Feldman, Anna (CHSS)	Dynamic Data-Driven Fusion and Scene Understanding for Real Time Queries over Live Streaming Video	US Department of Defense - Air Force Office of Scientific Research	9/15/2016	9/14/2017	\$	145,170
	Robila, Stefan/ Trubatch, David (Mathematical Sciences) / Du, Charles (Biology)	MRI: Acquisition of a High Performance Computing Environment for Advancement of Computational Science Research and Education	National Science Foundation	9/15/2016	8/31/2019	\$	497,057
Dean's Office							
	Prezant, Robert/ Li, Aihua	Garden State LSAMP Phase II - Year 3	National Science Foundation - Subaward from Rutgers University	7/1/2016	6/30/2017	\$	72,252
	Weinstein, Michael	At Risk - Healthy Coastal Ecosystems and Resilient Communities & Economies in an Era of Climate Change: A Balanced Approach to Protecting People, Property and Nature in Historic Greenwich Township, N.J. - Supplemental	National Oceanic and Atmospheric Administration - NJ Sea Grant Consortium- Subaward from NJ Institute of Technology	2/1/2016	1/31/2018	\$	6,005
Earth and Environmental Studies							
	Chopping, Mark	Changes in Shrub Abundance in Arctic Tundra from the Satellite High Resolution Record for the Arctic-Boreal Vulnerability Experiment and Impacts on Albedo - Year 2	National Aeronautics and Space Administration	7/8/2016	8/31/2018	\$	67,390
	Chopping, Mark	Forest and Shrub Mapping with MISR	National Aeronautics and Space Administration - Subcontract from California Institute of Technology	6/15/2016	12/31/2014	\$	32,867
	Deng, Yang	Low-Cost Active Coating Mulch for Urban Runoff Management	US Environmental Protection Agency	10/1/2016	9/30/2017	\$	15,000
	Deng, Yang	Low-cost Adsorbent Coated (LAC) Wood Mulches for Mitigation of New Jersey (NJ) Agricultural Stormwater Pollution	US Department of Agriculture	3/1/2017	3/31/2018	\$	75,000
	Lal, Pankaj	US-India Consortium for Sustainable Advanced Biofuels System - Year 3	US Department of Energy - Subaward from University of Florida	1/1/2016	9/17/2017	\$	56,379
	Lal, Pankaj	CAREER: Geographic Suitability, Socioeconomic Uncertainty, and Environmental Consequences: Exploring Place-based Opportunities for Bioenergy Sustainability - Years 2 & 3	National Science Foundation	8/1/2016	7/31/2021	\$	220,600
Health Careers							
	Lorenzo, Donna	Upward Bound - Year 5	US Department of Education	9/1/2016	8/31/2017	\$	257,500
	Lorenzo, Donna	Montclair State University Upward Bound Project - Year 1 (renewal)	US Department of Education	9/1/2017	8/31/2018	\$	257,500
Mathematical Sciences							
	Cutler, Jonathan	Problems related to the enumeration of independent sets in graphs	Simons Foundation	9/1/2017	8/31/2022	\$	42,000
	Favata, Marc	CAREER: Research and Education in Gravitational-Wave Science - Year 1	National Science Foundation	6/1/2017	5/31/2022	\$	57,453

Annual Report (FY 17): Awards Received

Awards Received: 07/01/2016 to 06/30/2017

Krupa, Erin/ Greenstein, Steven/ Robinson, Jennifer (CEHS)	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher - Years 1-3	National Science Foundation	4/1/2017	3/31/2022	\$	1,106,026
Munakata, Mika/ Vaidya, Ashuwin	Engaged Learning through Creativity in Mathematics and Science	National Science Foundation	9/15/2016	8/31/2019	\$	299,701
Murray, Eileen/ Golnabi, Amir	Adjunct Mathematics Instructor Resources and Support: Improving Undergraduate Precalculus Teaching and Learning Experience	National Science Foundation	8/15/2017	7/31/2020	\$	300,000
Panorkou, Nicole	When counting cubes is not enough: Exploring volume measurement dynamically	National Academy of Education/Spencer Foundation	9/1/2017	8/31/2019	\$	70,000
Trubatch, David	Collaborative Research: RUI: Three-Dimensional Multiphysics Simulation of Multi-phase Flows with Magnetic Fluids	National Science Foundation - Collaborative proposal Cooper Union	9/15/2016	8/31/2019	\$	98,248

Passaic River Institute

Wu, Meiyin/Bergen, Nicole (Student)	Evaluating the Success and Monitoring the Usage of Wildlife Crossing Structures	NJ Department of Environmental Protection	2/1/2017	1/31/2018	\$	1,500
Wu, Meiyin	Stopping Trash Where it Starts	New England Interstate Water Pollution Control Commission- Subaward from Hudson River Foundation/NY-NJ Harbor and Estuary Program	8/29/2016	2/28/2018	\$	43,815

Total Awards for CSAM: 30

Total for CSAM : \$ 5,267,098

GLOBAL EDUCATION

Dominguez, Domenica	IIE Top Up Grants for Syrian Students	Institute of International Education	1/1/2017	11/30/2017	\$	15,000
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Total Awards for Global Education: 1

Total for Global Education : \$ 15,000

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

Counseling and Psychological Services

Uy, Jude/ Freidman-Lombardo, Jaclyn	Project Suicide Awareness Violence Education and Response (Project SAVER) at Montclair State University - Year 1	US Department of Health & Human Services/SAMHSA	9/1/2017	8/31/2018	\$	102,000
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Health Promotion

Cascarano, Marie	Tobacco-Free Red Hawks	American Cancer Society	10/1/2016	9/30/2017	\$	19,415
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Intercollegiate Athletics

Gera, Holly	NCAA Division III Ethnic Minorities and Women's Internship Grant	National Collegiate Athletic Association	9/1/2017	8/31/2019	\$	53,320
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Total Awards for SDCL : 3

Total for SDCL: \$ 174,735

Total: 72

Grand Total: \$ 12,548,369