



MONTCLAIR STATE UNIVERSITY

Office of Research and Sponsored Programs

ANNUAL REPORT: FISCAL YEAR 2015

Report of Sponsored Programs Activity for the Period
7/01/14-06/30/15

Prepared by the Office of Research and Sponsored Programs
Fall 2015

Office of Research and Sponsored Programs

Fredric J. Russo, Director

Marina Savransky, Assistant Director

Catherine Bruno, Post-Award Officer

Dana Natale, Research Development Specialist

Geetha Sampathkumar, Sponsored Programs Administrator

Samuel Wolverton, Sponsored Programs Coordinator

Table of Contents

I.	Mission Statement & Report Overview	3
II.	Fiscal Year 2015 “At-a-Glance”	4
III.	Proposals Submitted	
	Proposals Submitted by College/Division (FY 14/15)	5
	Total Dollars Proposed by College/Division (FY 11-15)	6
	Total Number and Dollar Volume of Proposals Submitted by College (FY 11-15)	7
	MSU Total Number of Proposals (FY 06-15)	8
	Proposals Submitted by Sponsor Type (FY 14/15)	9
IV.	Awards Received	
	Awards Received by College/Division (FY 14/15)	10
	Awards Received by College Division (FY 11-15)	11
	Awards Received by Sponsor Type (FY 15)	12
	Awards Received by Federal Agency (FY 14/15)	13
	MSU Award Activity 10 Year Historical (FY 06-15)	14
	Detailed Breakdown of FY 15 Award Activities	15-16
V.	Internal Awards Program Summary (FY 14-FY 16)	17
VI.	Sponsored Programs Expense Activity (FY 14/15)	18
VII.	Community Impact: Highlighted Activities	19-20
VIII.	ORSP Outreach Activities and Professional Development	21-23
IX.	Annual Report: Proposals Submitted by MSU Faculty and Staff (FY 2015)	
X.	Annual Report: Awards Received by MSU Faculty and Staff (FY 2015)	

Mission Statement and Report Overview: The Office of Research and Sponsored Programs' (ORSP) mission is to encourage, facilitate, and support MSU faculty and staff in their pursuit of external funding for their research, education, training, and other scholarly activities. ORSP provides high-quality services to the MSU community with the goal of increasing externally sponsored funding for research and other programs, while protecting the University's interests in assuring compliance with federal and state laws, rules, and regulations.

This report highlights sponsored program activities for the period 07/01/14 to 06/30/15 (FY 15), providing comparative data as well as historical trends. This report also provides detailed information on the types of sponsored program activities occurring at MSU as well as data on student, post-doctoral, and trainee involvement in those sponsored activities. Also included are written narratives highlighting some of the many projects impacting our local communities as well as "ORSP Outreach Activities and Professional Development" in FY 15.

The Year in Brief: MSU received \$8.37M in new and continuing awards in FY 15 (n=68), representing an 11% increase in award volume from FY 14. Awards from federal sponsors increased by over 14%. This is particularly impressive, given the tight funding environment and increased competition for federal, state, and private funding. While the number of proposals submitted remained relatively stable in FY 15, the total dollars proposed increased by 17% to \$48M—the second highest total in MSU history, only exceeded by the ARRA/Recovery Act Years of FY 09-FY 10. On all fronts, these increases are a testament to the talent, persistence, and dedication of MSU faculty and staff who seek external funding to carry out their vital work in their laboratories, classrooms, and communities.

ORSP Initiatives, Workshops and Trainings in FY 15: As part of the OneMontclair initiative, ORSP staff spent a significant amount of time and effort working closely with our colleagues in Finance & Treasury, Cognizant, Inc., and Attain, Inc., on the configuration and implementation of PeopleSoft Finance, and specifically the PeopleSoft Grants module, which went "live" in July, 2015. Also, in collaboration with OneMontclair and the Institutional Review Board (IRB), two new systems were purchased—CAYUSE 424 and CAYUSE IRB. These easy-to-use web-based systems will create enormous efficiencies in proposal development and routing (CAYUSE 424) and the IRB application and approval process (CAYUSE IRB).

In addition to numerous internally delivered workshops and trainings, ORSP co-hosted MSU's 3rd Grant Recognition Event in collaboration with University Advancement. Several MSU faculty and staff received individual awards in recognition of their activities and success in obtaining external sponsorship. ORSP also co-hosted a regional workshop presented by the National Council of University Research Administrators (NCURA) in collaboration with William Patterson University and Fairleigh Dickinson University. Over 50 attendees from the tri-state region attended the event, and feedback was overwhelmingly positive. A full listing of ORSP's outreach, workshop and training activities for FY 15 is listed in section VIII of this report.

Finally, in FY 15, ORSP was honored to receive the "*Outstanding Service Award for University Partner*" award from the Center for Community Engagement (CCE). During the Center's Open House and Award Luncheon we were fortunate to meet CCE's community partners and hear their many success stories!

On behalf of ORSP, I congratulate MSU faculty and staff for your continued success and look forward to working with you in the year ahead.

Sincerely,

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

Fiscal Year 2015 "At-a-Glance"
A Summary of FY 15 Sponsored Programs Activity
(with comparative FY 14 data)

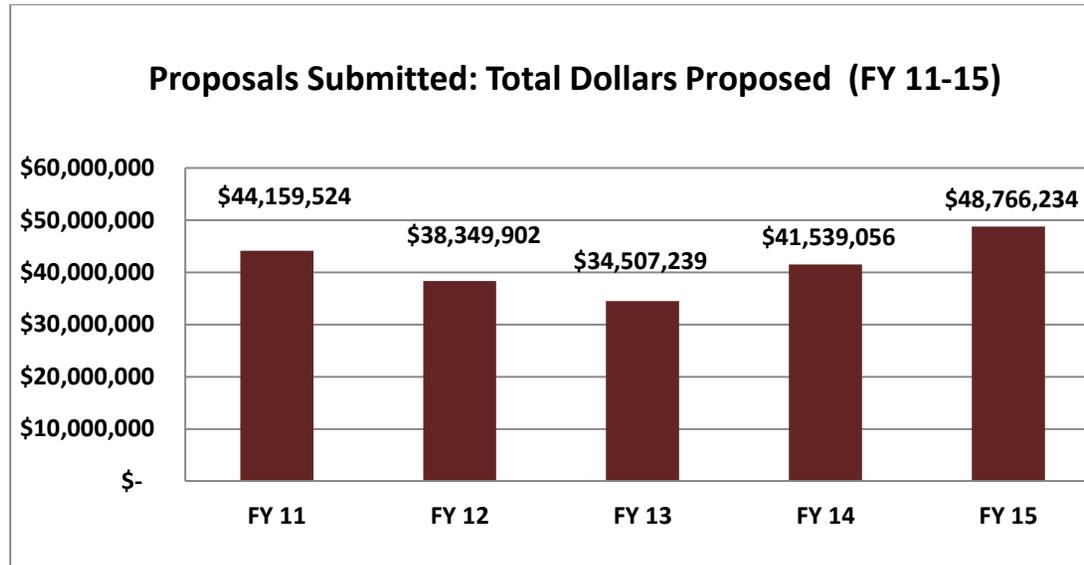
	FY 14	FY 15	% Change
I. Number of Proposal Submissions	157	156	-0.64%
II. Total Proposed Dollar Amount			
Direct Costs	35,681,795	42,625,634	19.46%
Indirect Costs	5,857,261	6,140,600	4.84%
Total	\$41,539,056	\$48,766,234	17.40%
	FY 14	FY 15	
III. Number of Award Actions	59	68	15.25%
	FY 14	FY 15	
IV. Total Awarded Dollar Amount			
Direct Costs	6,871,395	7,503,283	9.20%
Indirect Costs	696,532	874,708	25.58%
Total	\$7,567,927	\$8,377,991	10.70%
	FY 14	FY 15	
V. Expense Activity*			
Direct Expenses	10,523,423	10,668,185	1.38%
Indirect Expenses	869,857	888,197	2.11%
Total	\$11,393,280	\$11,556,381	1.43%

*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 14 & FY 15)

College / Division	Fiscal Year 2014 (July 1, 2013-June 30, 2014)				Fiscal Year 2015 (July 1, 2014-June 30, 2015)				% change Total Dollars Proposed (FY 14 to FY 15)
	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	1	0.64%	40,000	0.10%	2	1.28%	105,000	0.22%	162.50%
CEHS	37	23.57%	11,534,659	27.77%	26	16.67%	20,402,539	41.84%	76.88%
CHSS	24	15.29%	6,400,399	15.41%	24	15.38%	3,700,499	7.59%	-42.18%
CSAM	86	54.78%	20,840,072	50.17%	97	62.18%	24,039,004	49.29%	15.35%
SBUS	1	0.64%	2,725	0.01%	1	0.64%	30,300	0.06%	1011.93%
SLCE	1	0.64%	2,490,450	6.00%	2	1.28%	285,725	0.59%	-88.53%
GLOBAL ED	2	1.27%	25,000	0.06%	1	0.64%	8,000	0.02%	-68.00%
LIBRARY SVCS	1	0.64%	20,000	0.05%	1	0.64%	20,000	0.04%	
SDCL	3	1.91%	184,250	0.44%	1	0.64%	166,667	0.34%	-9.54%
FACILITIES	1	0.64%	1,500		1	0.64%	8,500	0.02%	466.67%
Total	157	100.00%	<u>\$41,539,056</u>	100.00%	156	100.00%	<u>\$48,766,234</u>	100.00%	17.40%

The total proposed dollar amount in FY 2015 of \$48.8M represents a 17.4% increase from FY 14, and is the 2nd highest total in MSU history (only exceeded by the Recovery Act year of 2010). The average proposal request in FY15 increased by 18%, to \$316,665.

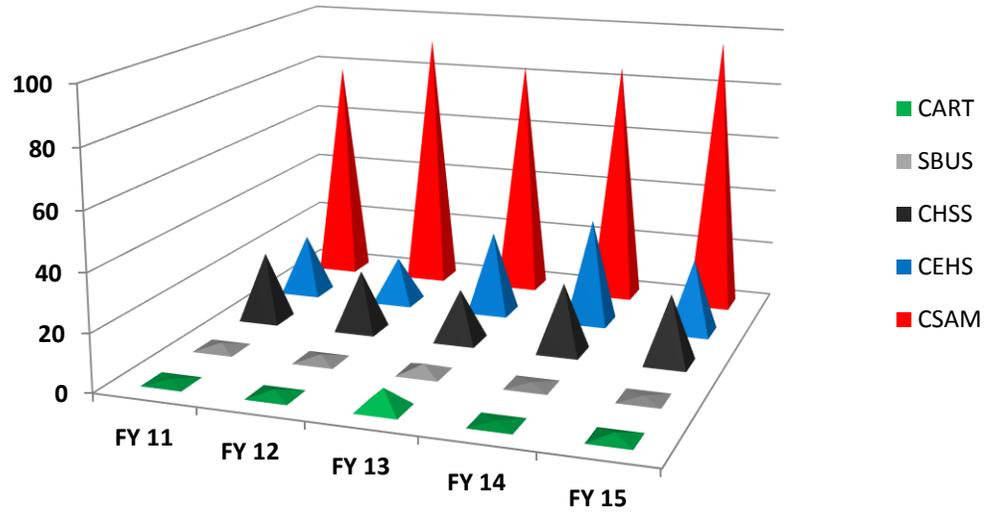


Proposals Submitted: Total Dollars Proposed by College/Division (FY 11-15)

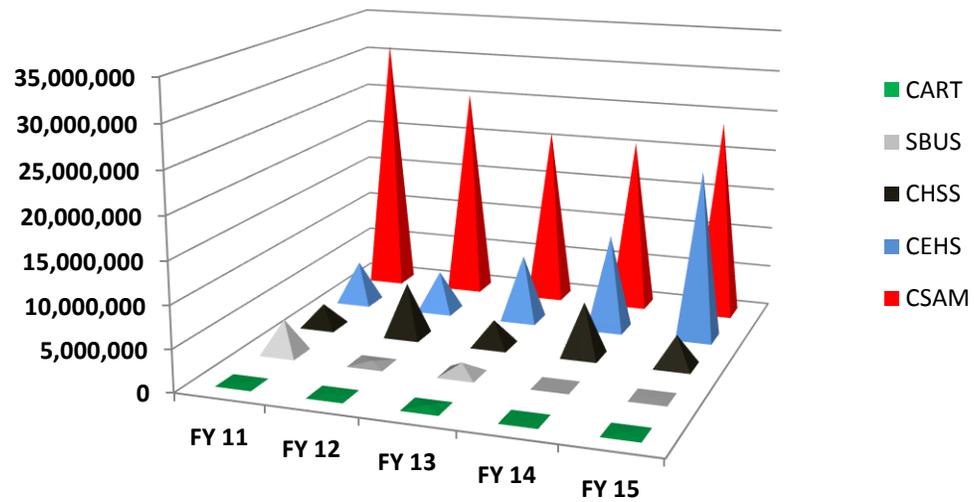
College / Division	FY 11	FY 12	FY 13	FY 14	FY 15	% change FY 14/15
College of the Arts (CART)	75,000	93,050	234,012	40,000	105,000	162.50%
College of Education and Human Services (CEHS)	5,028,492	4,842,349	7,975,609	11,534,659	20,402,539	76.88%
College of Humanities and Social Sciences (CHSS)	2,687,570	6,397,313	3,038,893	6,400,399	3,700,499	-42.18%
College of Science and Mathematics (CSAM)	31,282,057	25,585,514	21,289,552	20,840,072	24,039,004	15.35%
School of Business (SBUS)	4,039,531	309,482	1,367,306	2,725	30,300	1011.93%
Center for Community Engagement	551,039	239,594	537,766	2,490,450	285,725	-88.53%
*Other Sponsored Programs	495,835	882,600	64,101	230,751	203,167	-13.58%
Totals:	\$ 44,159,524	\$ 38,349,902	\$ 34,507,239	\$ 41,539,056	\$ 48,766,234	17.40%

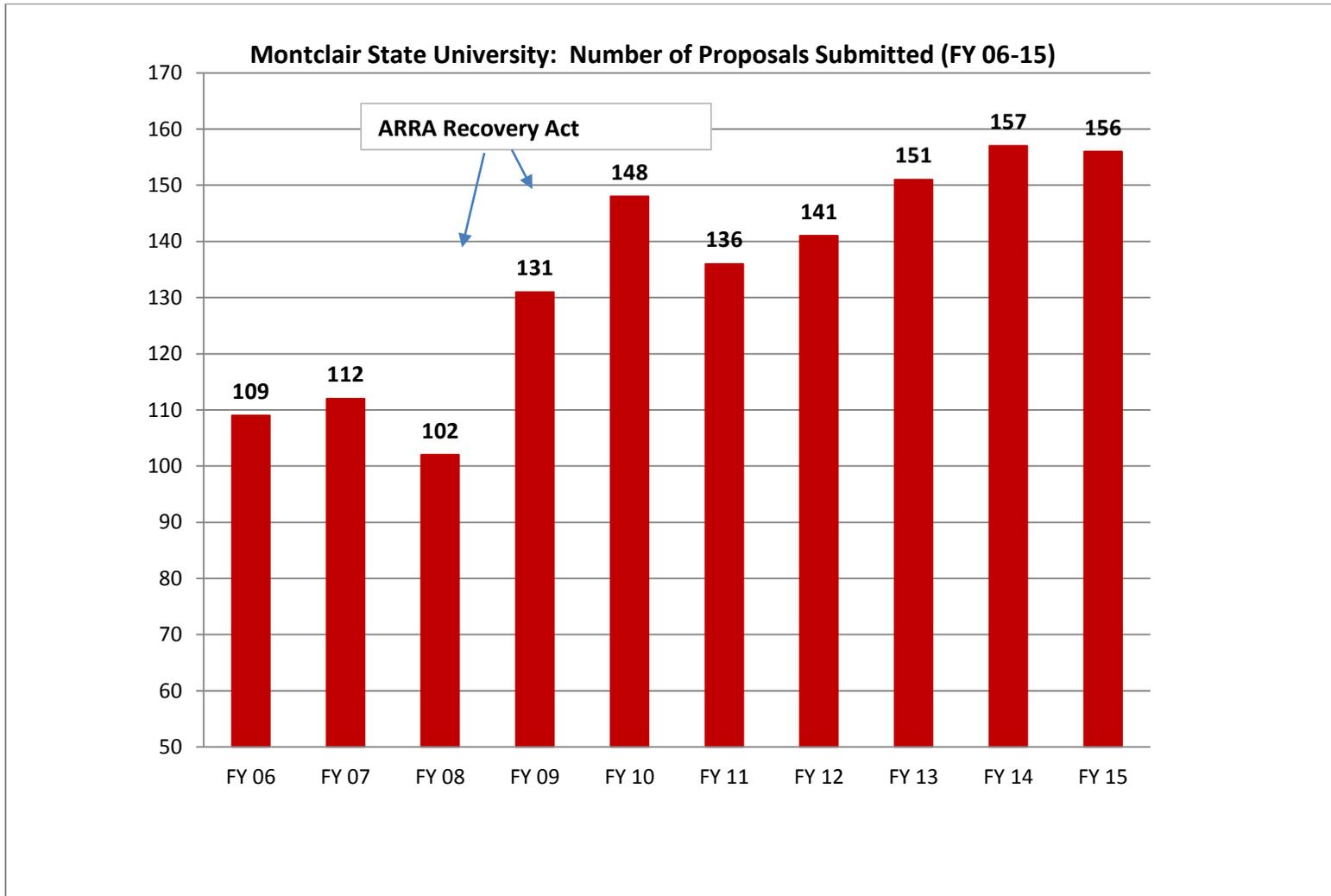
*Includes Global Education, Library Services, Student Development and Campus Life and Facilities.

Number of Proposals by College: FY 11-15



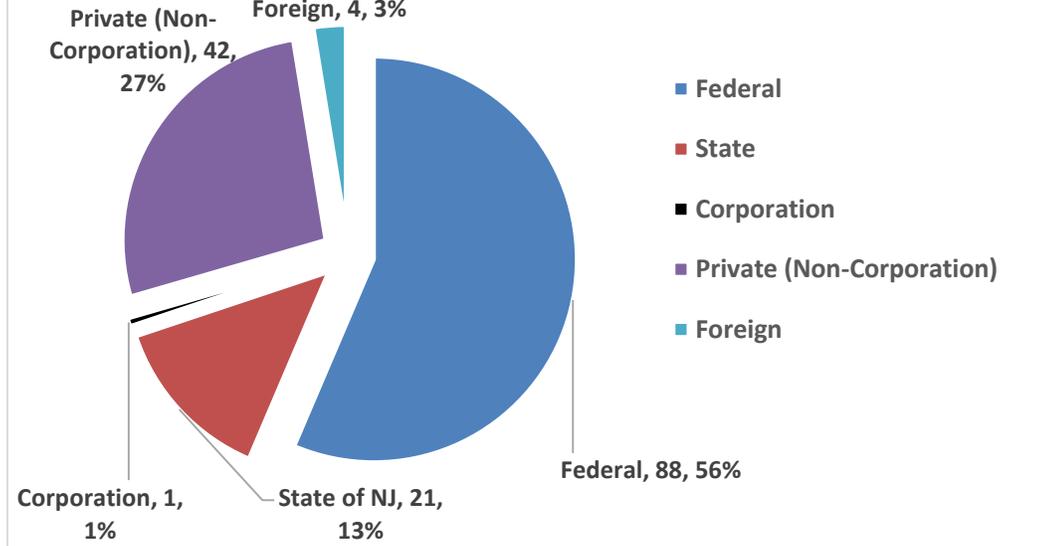
Total Proposed Dollars by College: FY 11-15





Proposals submitted have increased by over 43% in the ten-year period represented above, an average growth rate of 4.7% per year. In FY 09 and FY 10, a total of 21 additional submissions were generated by additional funding opportunities made available via the American Reinvestment and Recovery Act of 2009.

FY 15: Number and Percentage of Proposals Submitted by Type of Sponsor



Proposed Dollar Amount by Sponsor Type: FY 14/15

	FY 14	FY 15	% change
Federal	\$28,181,277	\$38,584,934	36.92%
State	\$8,702,757	\$3,484,462	-59.96%
State (non-NJ)	\$107,350	\$0	
Local	\$125,137	\$0	
Corporation	\$88,975	\$40,000	-55.04%
Private (Non-Corp)	\$4,330,834	\$4,642,798	7.20%
Foreign	\$2,726	\$2,014,040	73782.61%
Total	\$41,539,056	\$48,766,234	17.40%
Average Proposal Amount	\$267,993.91	\$316,663.86	18.16%

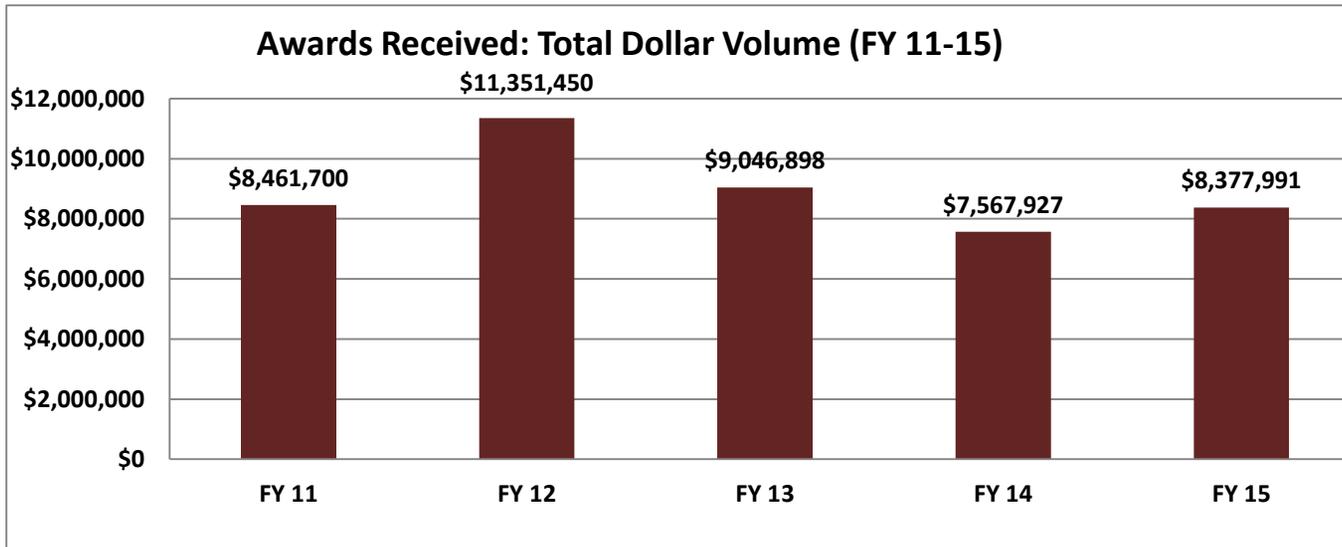
*Average proposal request is adjusted for submissions (e.g. preliminary proposals) in which budgets are not requested.

MSU's proposed dollar amount increased by 17.4% in FY 15, with the average proposal request increasing by over 18%, driven by increasing requests to federal agencies, and several large (>\$1M) submissions.

Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 14 & FY 15)

College / Division	Fiscal Year 2014 (July 1, 2013-June 30, 2014)				Fiscal Year 2015 (July 1, 2014-June 30, 2015)				% change Total Dollars Awarded (FY 14 to FY 15)
	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	3	5.08%	87,341	1.15%	2	2.94%	62,341	0.74%	-28.62%
CEHS	17	28.81%	2,824,121	37.32%	16	23.53%	3,340,479	39.87%	18.28%
CHSS	10	16.95%	1,832,648	24.22%	13	19.12%	1,293,645	15.44%	-29.41%
CSAM	25	42.37%	2,751,110	36.35%	32	47.06%	2,865,528	34.20%	4.16%
SBUS	-	-	-	-	-	-	-	-	-
SLCE	2	3.39%	261,347	3.45%	3	4.41%	787,998	9.41%	201.51%
GLOBAL ED	-	-	-	-	1	1.47%	8,000	0.10%	-
LIBRARY SVCS	-	-	-	-	1	1.47%	20,000	0.24%	-
FACILITIES	2	3.39%	24,900	0.33%	-	-	-	-	-
Total	59	100.00%	<u>\$7,567,927</u>	102.82%	68	100.00%	<u>\$8,377,991</u>	100.00%	10.70%

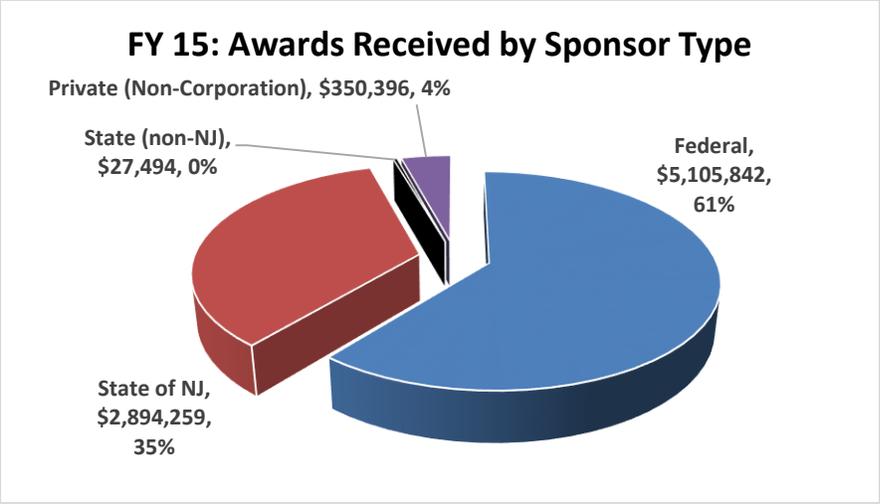
Total grant awards to MSU in FY 15 increased in both number and dollar amount by 13.55% and 10.7%, respectively. The total number of awards (n=68) is the 2nd highest in MSU history.



Awards Received: Total Dollar Volume by College/Division (FY 11-15)

<u>College / Division</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>FY 14</u>	<u>FY 15</u>	<u>% change FY 14/15</u>
College of the Arts (CART)	65,622	162,341	87,341	87,341	62,341	-28.62%
College of Education and Human Services (CEHS)	1,949,121	5,422,564	2,961,359	2,628,346	3,340,479	27.09%
College of Humanities and Social Sciences (CHSS)	1,899,060	2,347,838	2,106,217	1,832,648	1,293,645	-29.41%
College of Science and Mathematics (CSAM)	4,224,941	3,105,785	3,679,874	2,733,345	2,865,528	4.84%
School of Business (SBUS)		110,000				
Center for Community Engagement	270,000	199,538	202,107	261,347	787,998	201.51%
Other Academic/Admin. Programs	52,956	3,384	10,000	24,900	28,000	
Totals:	\$8,461,700	\$11,351,450	\$9,046,898	\$7,567,927	\$8,377,991	10.70%

*Includes Global Education, Library Services, Student Development & Campus Life and University Facilities



Total Awards Received by Sponsor Type (FY 14/15)

	FY 14	FY 15	% change
Federal	\$4,461,922	\$5,105,842	14.43%
State of NJ	\$2,758,539	\$2,894,259	4.92%
State (non-NJ)	\$3,500	\$27,494	685.54%
Corporation	\$16,500		
Private (Non-Corporation)	\$327,466	\$350,396	5.48%
Total	\$7,567,927	\$8,377,991	10.64%

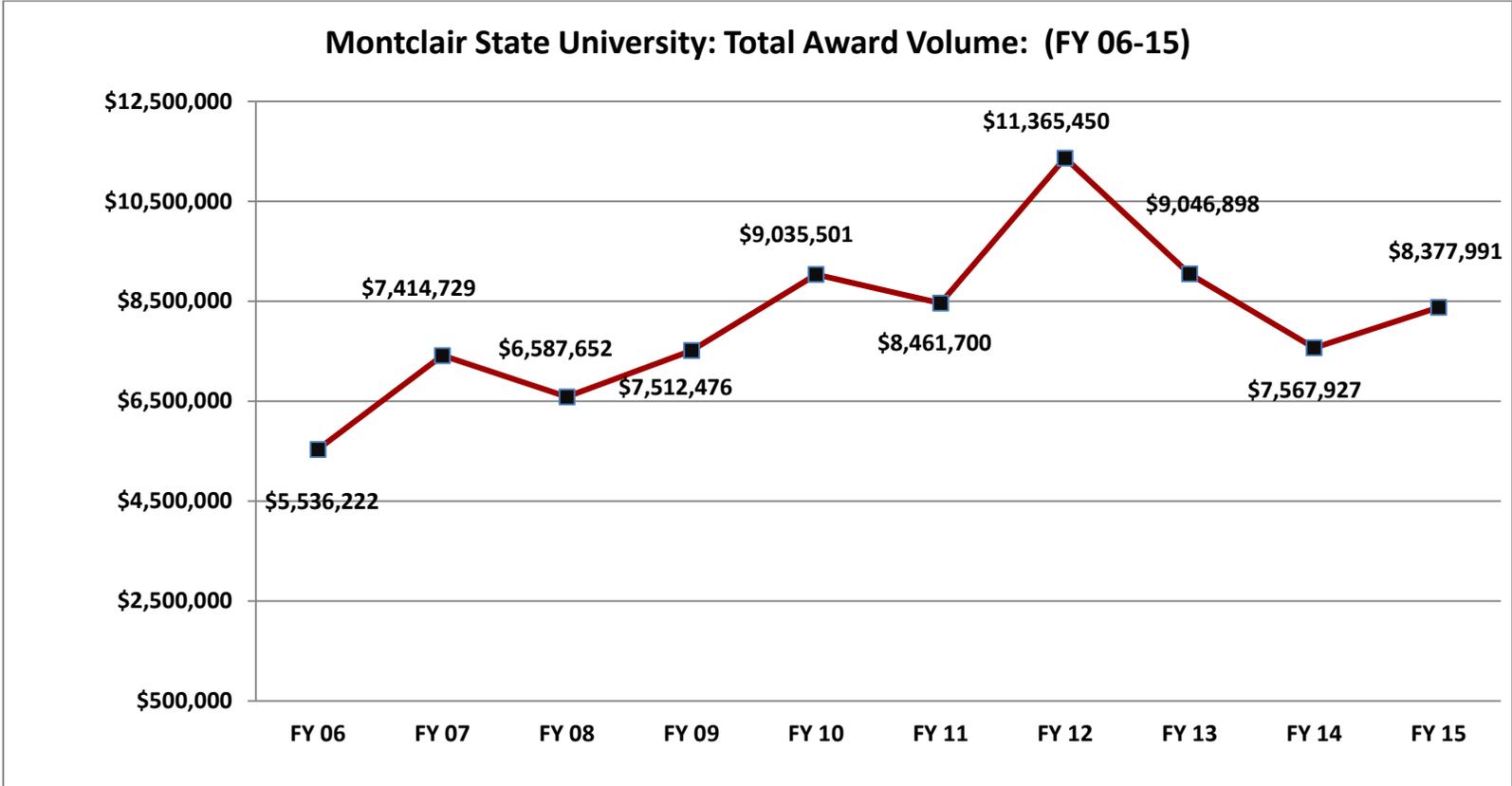
Number of Awards Received by Sponsor Type (FY 14/15)

	FY 14	FY 15	% change
Federal	30	36	20.00%
State of NJ	15	19	26.67%
State (non-NJ)	1	1	0.00%
Corporation	3		
Private (Non-Corporation)	10	12	10.00%
Total	59	68	15.25%

Total Number of Awards Received and Awarded Amount by Federal Sponsor (FY 14/15)

Sponsor	FY 14				FY 15				% change total amount awarded: FY 14/15
	Number	Amount	% Total	Avg. Award Amount	Number	Amount	% Total	Avg. Award Amount	
National Science Foundation	12	\$2,380,654	53.35%	\$198,388	13	1,174,250	36.11%	90,327	-50.68%
National Institutes of Health	3	\$170,593	3.82%	\$56,864	4	482,905	11.11%	120,726	183.07%
Department of Education	3	\$1,314,784	29.47%	\$438,261	5	2,268,635	13.89%	453,727	72.55%
Department of Defense	1	\$53,070	1.19%	\$53,070	1	422,754	2.78%	422,754	696.60%
EPA	1	\$24,978	0.56%	\$24,978	-	-	0.00%	-	-100.00%
Department of State	-	-	-	-	1	8,000	2.78%	8,000	-
NASA	3	\$53,294	1.19%	\$17,765	3	94,573	8.33%	31,524	77.46%
NOAA	-	-	-	-	1	69,997	2.78%	69,997	-
Federal Emergency Management Agency	1	\$23,400	0.52%	\$23,400	-	-	-	-	-
National Endowment for the Arts	1	\$25,000	0.56%	\$25,000	-	-	-	-	-
National Park Service	-	-	-	-	1	17,892	2.78%	17,892	-
National Security Agency	1	\$5,804	0.13%	\$5,804	1	19,473	2.78%	19,473	235.51%
Partners of the Americas Foundation	-	-	-	-	1	25,000	2.78%	25,000	-
US Geological Survey	1	\$5,000	0.11%	\$5,000	2	10,000	5.56%	5,000	100.00%
Corporation for National and Community Service	1	\$260,347	5.83%	\$260,347	2	262,363	5.56%	131,182	0.77%
USAID	1	\$19,998	0.45%	\$19,998	-	-	-	-	-
DHHS	1	\$125,000	2.80%	\$125,000	1	250,000	2.78%	250,000	100.00%
Totals	30	\$4,461,922	100.00%	\$148,731	36	\$5,105,842	100.00%	\$141,829	14.43%

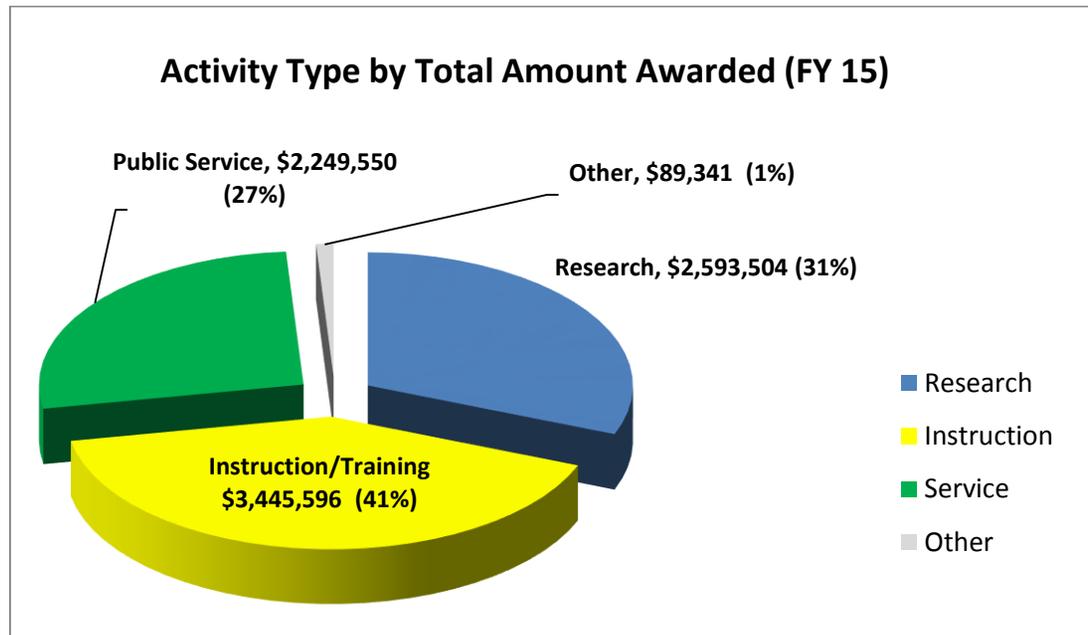
Total federal sponsorship increased by 14.43% in FY 15.



*Since FY 06, award volume has grown steadily, at an average rate of 9.08% per year. The average award amount has grown by 3.83% a year (10 year average of \$142,894).

Type of Activity: FY 14/15 Awarded Projects/Programs

	FY 14				FY 15			
	Number	%	Amount	%	Number	%	Amount	%
Research	33	55.93%	\$1,572,273	20.78%	35	50.75%	\$2,593,504	30.95%
Instruction/Training	12	20.34%	\$1,685,858	22.28%	16	23.88%	\$3,445,596	41.13%
Public Service	6	10.17%	\$3,084,088	40.75%	12	17.91%	\$2,249,550	26.80%
Other	8	13.56%	\$1,225,708	16.20%	5	7.46%	\$89,341	1.07%
Total	59	100.00%	\$7,567,927	100.00%	68	100.00%	\$8,377,991	100.00%



Collaborative Activity: FY 14/15 Awarded Projects/Programs (Research)

	FY 14		FY 15	
	Number	Percentage	Number	Percentage
Single PI/PD	15	45.45%	14	40.00%
Interdepartmental	-	-	2	5.71%
Intra-departmental	7	21.21%	5	14.29%
Inter-College	1	3.03%	-	0.00%
External Collaborations	10	30.30%	14	40.00%
Total	33	100.00%	35	100.00%

Collaborative Activity: FY 14/15 Awarded Projects/Programs (Non-Research)

	FY 14		FY 15	
	Number	Percentage	Number	Percentage
Single Project Director	13	50.00%	19	57.58%
Interdepartmental	3	11.54%	1	3.03%
Intra-departmental	4	15.38%	3	9.09%
Inter-College	2	7.69%	2	6.06%
External Collaborations	4	15.38%	8	24.24%
Total	26	100.00%	33	100.00%

Training/Employment Data: FY 14/15 Awards by Position

	FY 14		FY 15	
	# of Positions	Total	# of Positions	Total
Student Workers*(hourly)	40	\$237,463	62	\$317,428
Graduate Assistants (Stipend + Tuition)**	19.5	\$539,314	20	\$502,066
Post-Doctoral Associates	4	\$45,000	4	\$207,008
Trainees ***	217	\$1,386,124	239	\$1,080,417
Totals	280.5	\$2,207,901	355	\$2,106,919

*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.

**Montclair State University: Internal Awards Program:
Fiscal Year 2014-Fiscal Year 2016**

Internal Awards	FY 14		FY 15		FY 16	
	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	10	4,0000	9	40,000	12	44,500
Career Development Award	20	55,080	14	49,746	9	26,386
Separately Budgeted Research	8	37,890	11	43,980	6	24,741
Student Faculty Research	3	6,000	2	4,000	8	15,000
Total	41	138,970	36	137,726	35	110,627
<u>Average Award Amount</u>		<u>\$3,389</u>		<u>\$3,826</u>		<u>\$3,161</u>

MONTCLAIR STATE UNIVERSITY

Comparative Summary of Sponsored Program Expense Activity

FY2015 and FY2014

<u>Natural Expense Category</u>	<u>FY2015</u>	<u>Expenses</u>	<u>FY2014</u>	<u>Expenses</u>	<u>%</u>	<u>Change</u>
Salary & Wages		5,603,875		5,833,963		-3.94%
Fringe Benefits		749,534		617,310		21.42%
Equipment		22,129		309,718		-92.86%
Other Direct Expenses		4,292,647		3,762,432		14.09%
Total Direct Expenses		<u>10,668,185</u>		<u>10,523,423</u>		1.38%
Indirect Expenses		888,197		869,857		2.11%
Total Sponsored Program Expenses		\$ 11,556,381		\$ 11,393,280		1.43%

Source: Division of Finance & Treasury

Community Impact: To follow, are just some of the *many* sponsored activities and programs that are directly impacting our communities, state and region. In FY 15, over \$4.6M in funding was awarded to MSU in support of projects and projects impacting the tri-state region. For more information on MSU's sponsored activities, please visit [ORSP's awards archive](#).

- The US Department of Education awarded \$937,381 to **Jennifer Robinson** (Center of Pedagogy, CEHS) and **Susan Wray** (Early Childhood, Elementary Education and Literacy Education, CEHS, the first year of a \$6.2 million project called "[The Newark-Montclair State Urban Teacher Residency Program \(NMUTR\)](#)." 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. NMUTR is designed to recruit effective individuals, including minorities and individuals from other occupations into the teaching force; improve the quality of both new and prospective teachers; increase teacher retention rates; and ultimately improve student achievement.
- **Mika Munakata** and **Erin Krupa** (Mathematical Sciences, CSAM) and **Jacalyn Willis** (Professional Resources in Science and Mathematics, CSAM) were awarded \$365,000 from the New Jersey Department of Education for the third and final year of "[CUSP: Creative University-School Partnerships](#)." The purpose of this program is to increase the academic achievement of students in mathematics and science by enhancing the content knowledge and teaching skills of classroom teachers. The project will encompass the needs of the collaborating districts' teachers of grades 5-8 mathematics as those needs relate to 1) the Common Core State Standards; 2) the local assessment results of those districts' students on the NJ-ASK tests and classroom observations by supervisors, principals, and PRISM outreach staff.
- **Gerard Costa** (Center for Autism and Early Childhood Mental Health, CEHS) received a \$419,946 supplement from New Jersey Department of Health/ New Jersey Governor's Council for Medical Research and Treatment of Autism in support of the [Coordinating Center of Montclair State University \(CC-MSU\)](#).
- **Robert Reid** and **Pauline Garcia-Reid** (Family and Child Studies, CEHS) received a \$125,000 grant from the U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration (SAMHSA) in support of the University's "Communities Organizing for Prevention and Empowerment," program/ (Project C.O.P.E). [Project C.O.P.E.](#) program will utilize new media platforms to raise awareness and educate target at-risk populations in the City of Paterson, N.J., on the many facets of substance abuse and HIV/AIDS.
- **Carlos Molina** (Biology & Molecular Biology, CSAM) and **Marina Cunningham** (Global Education Center) received \$25,000 from Partners of the Americas Foundation in support of "[A Reciprocal Approach to Promoting Study Abroad in STEM: Montclair State University, USA and Universidad Mayor Chile](#)." In this student-exchange program, faculty at the two institutions will develop and implement a collaborative course focused on biotechnology for five MSU and five UM undergraduate STEM students. The program will serve as a pilot for future exchanges between the two institutions and as a model for study abroad programs specifically designed for STEM students.
- **Jason Dickinson** ([Robert D. McCormick Center for Child Advocacy and Policy](#), CHSS) received a \$700,000 subaward from Rutgers University/NJ Department of Children and Families for the "New Jersey Child Welfare Training Program" for 2014-2015. The Center provides training for Area Directors, Assistant Directors, Local Office Managers, and Case Work Supervisors employed by the New Jersey Division of Youth and Family Services in Essex, Union, Hudson, Bergen, and Passaic Counties. The objective of this training program is to manage and coordinate a competency-based, family-centered, culturally relevant statewide workforce development program for the child welfare/child protection agency in New Jersey.

- **Jedediah Wheeler** (Arts and Cultural Programming) was awarded \$49,513 by the NJ State Council of the Arts for in support of [Peak Performances'](#) innovative programming of distinguished artists who push the boundaries of conventional art forms and who work outside of preconceived comfort zones—programming that has featured 28 world premieres and 31 US premieres in 9 seasons.
- **Dibyendu Sarkar** and **Yang Deng** (Earth and Environmental Studies, CSAM) were awarded \$69,997--the first year of a two-year, NOAA-funded \$139,995 subaward from the New Jersey Sea Grant Consortium--for “A Green Technology for Nutrient and Metals Reduction in New Jersey Coastal Waters.” The project will develop new “green” stormwater BMP technologies to reduce the loadings of stormwater-induced nutrients and toxic metals to coastal waters.
- **Meiyin Wu** (Passaic River Institute and Biology, CSAM) and **Kevin Olsen** (Chemistry & Biochemistry, CSAM) received a \$15,932 contract from the Lake Hopatcong Foundation for “Project II: Sediment Phosphorous Study,” which will examine phosphorus in lake sediments to better understand the phosphorus availability in Lake Hopatcong.
- **Pankaj Lal** (Earth and Environmental Studies, CSAM) received a \$25,000 subaward from the New Jersey Institute of Technology for the New Jersey Department of Environmental Protection-funded “Assessment of Economic, Ecological, and Social Capital in Congruence with Design Studies for Reducing Storm Surge and Flooding Risks to New Jersey Coastal Communities.” The project will prepare ecosystem inventories, maximizing the use of green infrastructure to mitigate flooding, and guiding engineering design principles by adopting a systems approach to minimize risk while also addressing
- **Rebecca Shell** (Ph.D. Student, Environmental Management) and **Robert Prezant** (Dean, CSAM) were awarded \$5,000 by the New Jersey Water Resources Research Institute for “Effects of hard clam (*Mercenaria mercenaria*) grow-out operations on benthic communities in Barnegat Bay, NJ” which will study the effect that the filtering capability of hard clams on local communities in Barnegat Bay, an impacted, eutrophic, lagoonal estuary.
- **Michael Weinstein** (Dean’s Office, CSAM) received a \$83,342 contract from the New Jersey Department of Environmental Protection for “Impact of Hurricane Sandy: Threats to Communities and Ecosystems from Storm-Induced Mobilization of Toxic Compounds.” The project will address the problem of storm-induced, remobilization and availability of contaminants to coastal food-webs, specifically those of the Passaic River estuary tributary, and the potential for impacts on human and ecosystem health.
- **Nina Goodey** (Chemistry & Biochemistry, CSAM), **Katherine Herbert** (Computer Science, CSAM), **John Siekierka** (Chemistry & Biochemistry, CSAM), **Marc Kasner** (Chemistry & Biochemistry, CSAM), and **Jennifer Krumins** (Biology, CSAM) were awarded \$50,847 by the National Science Foundation for the first year of the five-year program “Opening Pathways, Engaging, and Networking in Chemistry in Northern New Jersey (OPEN-NJ).” OPEN-NJ 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.
- **Robert Prezant** (Dean, CSAM) and **Carlos Molina** (Biology and Molecular Biology, CSAM) received a \$72,694 subaward from Rutgers University for the second year of the NSF-funded project, “[Garden State LSAMP Phase II](#),” which will maintain the program at MSU in addition to addressing several new aspects that serve the greater LSAMP mission.

Office of Research and Sponsored Programs (ORSP) Outreach and Professional Development in FY 2015

To follow are just some of the many ways in which ORSP engages with the MSU community and keeps itself up-to-date on the latest developments in the field of research administration and sponsored programs funding. We look forward to continued service to the MSU community in FY 2016 and beyond!

You can find all of ORSP's workshops on our [homepage](#).

A. ORSP Hosted Workshops

Locating Funding Opportunities using [Community of Science \(COS\)/PIVOT](#) (Several university wide, and departmental focused Workshops)

July 23, 2014, October 1, 2014, November 5, 2014, November 20, 2014

College Hall 310

Presented by Samuel Wolverton, Sponsored Program Coordinator

GRANTS: Funding Opportunities for Graduate Students and Valuable Grant Writing Tips and Resources

September 6, 2014 and January 17, 2015

Graduate Development Conference

Presented by ORSP Pre-Award Staff: Dana Natale, Marina Savransky and Sam Wolverton

Presentation to the Passaic River Institute: Using Collaboration and Team Science to Increase Grant Success

September 23, 2014

Presented by Dana Natale, ORSP Research Development Specialist, and Marina Savransky, ORSP Assistant Director

Understanding the OMNI Circular: NCURA Region II Sponsored Workshop

Friday, October 3, 2014

University Hall Conference Center

Co-hosted with William Patterson University and Farleigh Dickson University and presented by the National Council of University Research Administrators (NCURA). Over 50 research administrators from the tri-state region attended this half-day workshop to discuss the changing federal regulatory landscape for recipients of federal grant funding.

New Faculty Orientation 2014

Monday, October 13, 2014

University Hall Conference Center

Presented by: ORSP staff, The Associate Provost of Academic Affairs, and Dr. Mika Munakata

Presentation to the Graduate Council

November 12, 2014

Presented by Ted Russo, ORSP Director, and Dana Natale, ORSP Research Development Specialist

Presentation to the Political Science and Law Department

December 3, 2014

Presented by Marina Savransky, ORSP Assistant Director, and Sam Wolverton, ORSP Sponsored Programs Coordinator

FY16 Internal Awards Informational Session

January 28, 2015

Cohen Lounge, Dickson Hall

Presented by ORSP Post-Award Staff, Catherine Bruno and Geetha Sampathkumar, Sponsored Programs Administrator

ORSP Brownbag on NSF & NIH Proposal Guideline Changes under Uniform Guidance

February 5, 2015

Special Collections Room, Sprague Library

Presented by ORSP Staff

B. 2014 Grant Recognition Event

April 14, 2015

80 attendees

Awards presented:

Bryan Murdock, Provost's 2015 Grant Recognition Award

Recognition Awards:

Dennis Bone (Director, Mimi & Edwin Feliciano Center for Entrepreneurship)

Julian Brash (Anthropology, CHSS)

Jason Dickinson (Director, Robert D. McCormick Center for Child Advocacy and Policy)

Deborah Galant and Ju-Don Marshall Roberts (School of Communication and Media, CART)

Jennifer Robinson (Director, Center of Pedagogy) and Susan Wray (Early Childhood, Elementary Education, and Literacy Education, CEHS)

David Rotella and John Siekierka (Chemistry & Biochemistry, CSAM)

Organized by Ted Russo, Director, ORSP and Samuel Wolverton, Sponsored Programs Coordinator in collaboration with University Advancement.

C. ORSP Funding Dissemination Efforts

ORSP listserv disseminated 449 opportunities in FY15.

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

D. ORSP Newsletter

Third volume of "Windows of Opportunity"

Published 2 seasonal issues — Fall and Spring

Featured 14 original articles and interviews contributed by the MSU community, including ORSP, IRB, Compliance, and the CEHS grants office.

E. Attendance at Trainings by Staff Members

- **Catherine Bruno, Post-Award Coordinator**
 - [National Council of University Research Administrators](#) (NCURA): OMNI Circular Half Day Workshop, organized by Catherine Bruno (MSU ORSP), and co-hosted with William Patterson and Farleigh Dickinson University
 - National Council of University Research Administrators Annual Conference (ORSP), Washington, D.C.
 - “Basics of Technology Transfer” webinar by Association of University Technology Managers
 - “Subrecipient Monitoring” webinar by Attain, LLC
 - “Cost Allowability 2.0- OMB’s New Federal Award Cost Principles” webinar by Robert Lloyd
 - “Time and Effort Reporting on Your Federal Grant: The Way Forward” by Robert Lloyd
- **Dana Natale, Research Development Specialist**
 - National Council of University Research Administrators (NCURA): OMNI Circular Half Day Workshop, organized by Catherine Bruno (MSU), and co-hosted with William Patterson and Farleigh Dickinson University
 - “Basics of Technology Transfer” webinar by Association of University Technology Managers
 - “Subrecipient Monitoring” webinar by Attain, LLC
 - “OMB Uniform Guidance in Action: Resolutions for the New Year” webinar by Attain, LLC.
- **Geetha Sampathkumar, Sponsored Programs Administrator**
 - Certificate in "Communicating Strategically" - course of study offered by PurdueX an online learning initiative of Purdue University through edX in April 2015
- **Marina Savransky, Assistant Director**
 - Management Development courses (2) by MSU HR (Spring 2015)
 - 2015 [Society of Research Administrators International](#) (SRA) Delaware Valley Chapter Meeting (June 2015)
- **Ted Russo, Director**
 - NCURA Annual Conference, Washington, D.C.
 - [Association of University Technology Managers](#) (AUTM) Annual Conference, New Orleans, LA.

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested	Type	Collab
ACADEMIC AFFAIRS (AA)								
COLLEGE OF THE ARTS (CART)								
Arts and Cultural Programming								
	Wheeler, Jedediah	Presenting & Multidisciplinary Works: To support the production of The Quixote Project	National Endowment for the Arts	1/1/2016	6/30/2017	\$75,000		
	Friedman, Roberta/ Loewenthal, Daniel Tobiah	Honorific Street Project	National Endowment for the Humanities	1/1/2016	8/31/2017	\$30,000		
Total Proposals for CART: 2						Total Requested for CART:	\$105,000	
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)								
Center for Autism and Early Childhood Mental Health								
	Costa, Gerard/ Mulcahy, Kaitlin	IECMH Training Project Launch	NJ Department of Children and Families	7/1/2014	6/30/2015	\$273,900		
Center for Research and Evaluation on Education and Human Services (CREEHS)								
	Kyse, Eden	Infant Early Childhood Survey	NJ Department of Children and Families	7/1/2014	6/30/2015	\$10,000		
Center of Pedagogy								
	Robinson, Jennifer/ Wray, Susan	Newark Montclair Urban Teacher Residency	US Department of Education	10/1/2014	9/30/2019	\$6,205,534		
	Robinson, Jennifer	TQP Evaluation Award - Newark-Montclair Urban Teacher Residency (NMUTR)	US Department of Education	7/1/2015	6/30/2018	\$119,466		
	Robinson, Jennifer	JumpStart FY16	Jumpstart	9/1/2015	8/31/2016	\$119,102		
	Robinson, Jennifer	Being United in Leadership Development (BUILD)	NJ Department of Education	9/1/2015	7/31/2016	\$199,998		
Counseling and Educational Leadership								
	Bulkley, Katrina	The New "One Best System?": Urban Governance and Educational Practice in the Portfolio Management Model	Spencer Foundation	1/1/2016	8/31/2018	\$1,000,000		
	Hannon, Michael	NY/NJ fathers of children with autism and their adjustment: A grounded theory study	Organization for Autism Research (OAR)	9/1/2014	1/31/2016	\$30,000		
	McCotter, Suzanne	The Changing Face of Principals' Work: The Impact of Race to the Top	Spencer Foundation	1/1/2015	8/31/2016	\$49,907		
	Renfro-Michel, Edina/ Hannon, Michael	Senso-Routines: Using a tablet application to reduce adverse behavioral responses of children with ASD to novel environments or routines	NJ Department of Health/ NJ Governor's Council for Medical Research & Treatment of Autism	7/1/2015	6/30/2017	\$393,998		
Early Childhood / Elementary Education								
	Hagiwara, Sumi/ Fails, Jerry (CSAM)/ Larkin, Douglas	Game Changer: Inclusive Digital Learning Center for STEM Content Literacy	National Science Foundation	7/1/2015	6/30/2018	\$1,116,796		
	Hagiwara, Sumi/ Fails, Jerry (CSAM)	Digging in a Virtual Sandbox	Entertainment Software Association	8/29/2015	8/1/2016	\$54,890		
	Puig, Victoria/ Kyse, Eden	Developing an Engagement Model for Inclusive Early Childhood Education	US Department of Education	7/1/2015	6/30/2019	\$1,331,381		
Educational Foundations								
	Burkholder, Zoe	An African American Dilemma: The Problem of School Integration and Civil Rights in the North	Spencer Foundation	9/1/2015	8/31/2016	\$50,000		
	Carolan, Brian	Friends' Cultural Resources and Adolescents' Educational Expectations: An Instrumental Variable Approach	National Institutes of Health	1/1/2016	12/31/2017	\$100,000		
	Fisherman, Daniel	Civic Argumentation Program	National Education Association	6/1/2015	4/1/2016	\$5,000		
Family and Child Studies								
	Lee, Soyoung/ Bai, Yeonkyung	Examination of infant feeding decision-making and ecological factors within the Korean immigrant context	National Council on Family Relations	12/1/2014	11/30/2015	\$10,000		
	Reid, Robert/ Garcia-Reid, Pauline	Project C.O.P.E.	US Department of Health & Human Services/SAMHSA	10/1/2015	9/30/2020	\$1,500,000		
	Urban, Jennifer/ Linver, Miriam	Inspiring Youth Purpose through Reflection on the Laws of Life: Improving, Implementing, Evaluating & Researching the Inspire>Aspire Poster Program	Templeton Foundation	8/1/2015	7/31/2018	\$2,000,000		

	van Eeden-Moorefield, Bradley/ Goldstein, Sara	Links between cumulative risk, resilience processes, and family outcomes among stepfamilies headed by same-sex couples	National Institutes of Health	9/1/2015	8/31/2018	\$359,975
Health and Nutrition Sciences						
	Donnelly, Joseph/ Horn, Robert Donnelly, Joseph/ Horn, Robert	Abstinence Education Evaluation Project S.T.A.R – Supporting Teens and Adolescent Responsibility	NJ Family Policy Council US Department of Health & Human Services	7/1/2014 10/1/2014	12/31/2014 9/30/2016	\$44,936 \$697,357
	Donnelly, Joseph/ Horn, Robert/ Amutah, Ndidiamaka Mahadevan, Meena/ Amutah, Ndidiamaka	Project S.T.A.R. (Supporting Teens and Adolescent Responsibility) Project THANKS: Turning HIV/AIDS Into Knowledge for Sisters	US Department of Health & Human Services National Institutes of Health	7/1/2015 1/1/2016	6/30/2020 12/31/2017	\$4,309,624 \$371,237
Secondary and Special Education						
	Keiser, David Lee/ Daley, Julie	Mindful Learning: A Holistic Study of the Real Effects of Contemplative Pedagogy on Students in Higher Education	Spencer Foundation	11/1/2014	7/1/2015	\$49,436
	Klein, Emily/ Taylor, Monica	PRE-PROPOSAL: PIRE: The Growth of Global Teacher Leaders and Cosmic Gas Reservoirs	National Science Foundation	1/1/2016	12/31/2020	\$2
Total Proposals for CEHS: 26				Total Requested for CEHS:		\$20,402,539
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)						
Anthropology						
	Matthews, Christopher/ McCaffrey, Katherine Soler Cruz, Carmin M.	Unearthing the Future: the Art of Reverse Archeology - Interstate 280 in Orange, NJ The Emergence of Prosocial Religions	ArtPlace America - Subaward from Valley Arts Templeton Foundation - Subaward from University of British Columbia	8/1/2015 8/14/2014	2/28/2017 7/14/2015	\$51,000 \$3,915
	Soler Cruz, Carmin M.	The Emergence of Prosocial Religions	Templeton Foundation - Subaward from University of British Columbia	6/1/2015	6/1/2016	\$8,200
Communication Sciences and Disorders						
	Boyle, Mary/ McDougall, Andrew	Semantic Feature Treatments to Improve Conversation and Quality of Life in Aphasia	National Institutes of Health	9/1/2015	8/31/2018	\$350,602
	Boyle, Mary	A Clinician-Friendly Assessment of Word Retrieval in Discourse	American Speech Language Hearing Foundation	1/1/2016	12/31/2016	\$24,971
	Hitchcock, Elaine	Visual Biofeedback Intervention for /r/ Misarticulation	New York University	9/1/2014	12/31/2015	\$4,800
	Hitchcock, Elaine	Biofeedback intervention: A comparison of treatment methods for /r/	American Speech Language Hearing Foundation	1/1/2016	12/31/2017	\$25,000
English						
	Afzal-Khan, Fawzia/ Friedman, Roberta/ Peterson, Beverly Nicosia, Laura	Nightingales of Pakistan: From the Melody Queen to the Muslim Madonnas Expanding our Definition of Narratives: How Might Reading the Video Game Fallout 3 Assist Both 2-Year College and University Students to Read More Closely and Successfully?	National Endowment for the Humanities National Endowment for the Humanities	6/1/2016 6/1/2015	5/31/2017 10/31/2016	\$523,283 \$54,981
Justice Studies						
	Michalsen, Venezia/ Salvatore, Christopher	Assessing Student Satisfaction with Academic Advising	National Academic Advising Association (NACADA)	10/1/2015	9/31/2016	\$5,000
Linguistics						
	Feldman, Anna/ Lakusta, Laura	REU Site: Cognitive and Computational Aspects of Language and Speech Processing	National Science Foundation	6/1/2015	7/31/2018	\$342,060
	Feldman, Anna	Low Resource Languages for Emergent Incidents (LORELEI)	DARPA (US Defense Department) - Subaward from Applied Communication Sciences	5/1/2015	4/30/2019	\$550,000
	Feldman, Anna	NAACL Workshop on Computational Linguistics for Literature	National Science Foundation	2/1/2015	1/31/2016	\$6,000

Modern Languages and Literature

Kawahara, Reiko	Promoting Shogi (Japanese Chess) in the U.S.	Japan Foundation	4/9/2015	4/16/2015	\$1,925
-----------------	--	------------------	----------	-----------	---------

Psychology

Propper, Ruth	Individual Differences in Handedness Effects on Categorical versus Coordinate Spatial Processing	Army Research Office	5/1/2015	2/28/2016	\$44,921
Sandry, Joshua D.	Translational Cognitive Neuroscience to Understand Memory Impairment in Multiple Sclerosis	New York Stem Cell Foundation	1/1/2016	12/31/2021	\$0
Sessa, Valerie/ Bragger, Jennifer	Longitudinal assessment of students participating in leadership development programs	C. Charles Jackson Foundation	7/1/2015	6/30/2016	\$46,981
Sessa, Valerie/ Bragger, Jennifer	LETTER OF INTENT: The Development of Leader Agency in College Students: Pathways to Success	William T. Grant Foundation	6/1/2015	5/31/2018	\$400,000

Robert D. McCormick Center for Child Advocacy and Policy

Cascardi, Michele	TakeCARE: A Video Bystander Program to Prevent Sexual Violence on College Campuses	National Institutes of Health - Subaward from Southern Methodist University	7/1/2014	6/30/2016	\$23,384
Cascardi, Michele	Correlates of chronic victimization, re-victimization, and post-traumatic stress symptoms in a nationally representative sample: Implications for policy and practice	National Institute of Justice	1/1/2016	12/31/2016	\$38,912
Dickinson, Jason	NJ Child Welfare Training Partnership 2014-2015	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2014	6/30/2015	\$700,000
Dickinson, Jason	Post BA Certificate in Child Advocacy and Policy 2014-2015	NJ Department of Children and Families	9/1/2014	8/31/2015	\$116,624
Dickinson, Jason	Post BA Certificate in Adolescent Advocacy	NJ Department of Children and Families	9/1/2014	8/31/2015	\$246,238
Dickinson, Jason	Transitions for Youth Summer Housing and Internship Program (SHIP) - FY15	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2014	6/30/2015	\$131,702
Total Proposals for CHSS: 24			Total Requested for CHSS:		\$3,700,499

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

Du, Charles	Regulatory Mechanisms for Elevated CO ₂ -stimulation of Root Growth in Perennial Grasses	US Department of Agriculture - Subaward from Rutgers University	9/1/2015	8/31/2018	\$100,000
Du, Charles	TOOLS-PGR: Integrating plant genome research projects with teaching undergraduates in classroom setting	National Science Foundation	9/1/2016	8/31/2019	\$499,478
Halaby, Reginald	Triptolide exerts its anticancer effects in ovarian cancer cells via a lysosomal mediated mechanism	The Marsha Rivkin Center for Ovarian Research	4/1/2015	3/31/2016	\$75,000
Halaby, Reginald	Anticancer activities of triptolide are lysosomal mediated	National Institutes of Health	7/1/2016	6/30/2018	\$114,293
Hazard, Lisa/ Monsen-Collar, Kirsten	Environmental Correlates of Ranavirus Disease Distribution in New Jersey	NJ Department of Environmental Protection/NJ Department of Fish and Wildlife	4/1/2015	3/31/2016	\$3,500
Krumins, Jennifer/ Goodey, Nina	Self-Remediation in Sandy-Affected, Metal-Contaminated Soils in Liberty State Park	Hudson River Foundation	4/1/2015	3/31/2017	\$199,981
Meredith, Robert	The evolution of placentas in the fish family Poeciliidae: an empirical study of macroevolution	National Science Foundation - Subaward from University of California, Riverside	1/1/2015	12/31/2019	\$12,933
Molina, Carlos	ICER Ubiquitination and Related Peptides: Potential for Cancer Therapy	National Institutes of Health	9/1/2015	8/31/2018	\$432,013
Sitnick, Mitchell Todd	Investigating the Contribution of Adipose Triglyceride Lipase-mediated Hydrolysis to the Regulation of Skeletal Muscle Mass and Quality with Aging	National Institutes of Health	9/1/2015	8/31/2017	\$256,087
Snitsarev, Vladislav	LETTER OF INTENT: Targeted Grants in the Mathematical Modeling of Living Systems (MMLS) Program	Simons Foundation	7/1/2015	6/30/2018	\$200,000
Xiong, Wenwei/ Du, Charles	2015 Blavatnik Regional Awards for Young Scientists	Blavatnik Family Foundation	9/1/2015	8/31/2016	\$30,000

Chemistry and Biochemistry

Eshuis, Hendrik	Computational studies to unravel the role of excited states in the photooxidation process of isoprene in the presence of NO _x	Research Corporation for Science Advancement	7/1/2015	6/30/2017	\$40,000
-----------------	--	--	----------	-----------	----------

Eshuis, Hendrik	RUI: Towards accurate computational dynamical and mechanistic studies of transition metal homogeneous (photo)catalysis	National Science Foundation	6/1/2015	5/31/2018	\$195,425
Goodey, Nina/ Herbert, Katherine/ Siekierka, John/ Kasner, Marc/ Krumins, Jennifer	Opening Pathways, Engaging, and Networking in Chemistry in Northern New Jersey (OPEN-NJ)	National Science Foundation	5/1/2015	4/30/2020	\$603,999
Goodey, Nina/ Eleanor Ojinnaka (Student)	2015 ASBMB Undergraduate Research Award	American Society for Biochemistry and Molecular Biology	5/1/2015	9/15/2015	\$1,000
Rotella, David/ Schelvis, Johannes/ Konas, David/ Gao, Jinshan	High Field Nuclear Magnetic Resonance Spectroscopy for Chemical Research	Office of Naval Research	8/15/2015	8/14/2016	\$515,000
Rotella, David/ Schelvis, Johannes/ Konas, David/ Gao, Jinshan	High Field Nuclear Magnetic Resonance Spectroscopy for Chemical Research	Army Research Office	8/15/2015	8/14/2016	\$515,000
Rotella, David/ Schelvis, Johannes/ Konas, David/ Gao, Jinshan	High Field Nuclear Magnetic Resonance Spectroscopy for Chemical Research	Air Force Office of Scientific Research	8/15/2015	8/14/2016	\$515,000
Rotella, David/ Gao, Jinshan/ Goodey, Nina/ Schelvis, Johannes	MRI: Acquisition of 500 MHz Multinuclear NMR Spectrometer	National Science Foundation	9/1/2015	8/31/2016	\$515,000
Talaga, David	Interfacially activated aggregation of alpha-synuclein	National Institutes of Health	4/1/2015	3/31/2020	\$1,433,179
Talaga, David	Nanopore device to study protein unfolding	National Institutes of Health - Subaward from Rutgers University	7/1/2015	8/31/2018	\$517,478

Computer Science

Leberknight, Christopher S.	RUI: Breaking Down the Barriers to Internet Freedom: Investigating Methods to Evade Online Censorship	National Science Foundation	7/1/2015	6/30/2017	\$175,000
Leberknight, Christopher S./ Robila, Stefan	RUI: Legal Boundaries of Information Privacy: A Network Theoretic Approach	National Science Foundation	7/1/2015	6/30/2019	\$1,232,000
Leberknight, Christopher S./ Lal, Pankaj/ Robila, Stefan/Wu, Meiyin	Incorporating Social Processes into Sustainable Solutions: A Network-Theoretic Approach	National Science Foundation	9/1/2015	8/31/2017	\$400,000
Varde, Aparna	Predictive Analysis for Urban Simulation with Data Mining and Social Media	Bloomberg Labs	1/1/2016	5/31/2017	\$69,579

Dean's Office

Weinstein, Michael	Impact of Hurricane Sandy: Threats to Communities and Ecosystems from Storm-Induced Mobilization of Toxic Compounds	NJ Department of Environmental Protection	12/1/2014	11/30/2015	\$83,342
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, NJ	NJ Sea Grant Consortium - Subaward from NJ Institute of Technology	2/1/2016	1/31/2018	\$24,006
Prezant, Robert/ Molina, Carlos	Garden State LSAMP Phase II	National Science Foundation - Subaward from Rutgers University	7/1/2014	6/30/2019	\$361,218
Prezant, Robert/ Shell, Rebecca (Student)	Effects of hard clam (<i>Mercenaria mercenaria</i>) grow-out operations on benthic communities in Barnegat Bay, NJ	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	7/1/2015	6/30/2016	\$5,000
Schneemeyer, Lynn	Collaborative research: New Low-Dimensional Inorganic Materials via Increased Structural and Chemical Complexity	National Science Foundation	5/1/2015	4/30/2018	\$100,945

Earth and Environmental Studies

Blacic, Tanya	US-South Korean Collaboration: 2-D Ocean Temperature from Seismic Oceanography Data via Advanced One-Step Seismic Inversion Schemes	National Science Foundation	9/1/2015	8/31/2018	\$298,551
Brachfeld, Stefanie/ Alo, Clement/ Blacic, Tanya/ Lorenzo Trueba, Jorge/ Wu, Meiyin	NRT: Meeting the challenges of environmental change: Global to local scales	National Science Foundation	1/1/2016	12/31/2021	\$3,000,000
Chopping, Mark	Albedo of Rapidly Shifting Climate Zones and Dynamic Ecosystem Margins from Sentinel-2 and Landsat	National Aeronautic & Space Administration - Subaward from University of Massachusetts at Boston	7/1/2015	6/30/2018	\$105,400
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	National Aeronautic & Space Administration	9/1/2015	8/31/2018	\$148,357

Annual Report (2015): Proposals Submitted

Proposals Submitted:07/01/2014 to 06/30/2015

Deng, Yang/ Sarkar, Dibyendu/ Punamiya, Pravin	Potential of Ferrate(VI) in Remediation of Organic and Inorganic Components of Flame Retardants in Contaminated Water	National Science Foundation	7/1/2015	6/30/2018	\$299,366
Deng, Yang/ Sarkar, Dibyendu	PRE-PROPOSAL: Estuarine Ecological Restoration Study: Ferrate(VI) as a "Green" Treatment Agent for Mitigation of Pharmaceutical Pollution in the New York Harbor Estuary System	Hudson River Foundation	7/1/2015	6/30/2017	\$196,602
Deng, Yang	Advancing the Art of Ferrate(VI) Chemistry for Water Treatment	US - Israel Binational Science Foundation	7/1/2015	6/30/2017	\$60,000
Deng, Yang/ Panja, Saumik (Student)	Developing a green technology to remove phosphate and pharmaceuticals from wastewater effluents	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	1/1/2015	12/31/2015	\$5,000
Deng, Yang/ Sarkar, Dibyendu/ Punamiya, Pravin	Potential of Ferrate(VI) as a Green Treatment Agent for Remediation of Antimony Contaminated Water in New Jersey	US Geological Survey - Subaward from NJ Water Resources Research Institute/ Rutgers University	7/1/2015	6/30/2018	\$20,000
Deng, Yang/ Sarkar, Dibyendu/ Punamiya, Pravin	Development of a New, Effective and Low-cost Mulch Adsorption Material for Sustainable Management of Polluted Road Stormwater in Highly Urbanized Areas	University Transportation Research Center - Subaward from Manhattan College	7/1/2015	10/1/2016	\$39,200
Deng, Yang/ Sarkar, Dibyendu	PRE-PROPOSAL: Toward a Healthy New Jersey Harbor Estuary System with Ferrate(VI) as a "Green" Treatment Agent for Mitigation of Multiple Wastewater - Derived Pollutants	NJ Sea Grant Consortium	2/1/2016	1/31/2018	\$139,994
Deng, Yang/ Sarkar, Dibyendu	Application of Two Recycled Wastes - Drinking Water Treatment Residuals and Scrap Tire Rubber - for Reduction of Toxic Metals and Nutrients to Enhance Low Impact Development Stormwater Management in Urban Areas	US Geological Survey/National Institutes for Water Resources	9/1/2015	8/31/2018	\$250,000
Feng, Huan	Resiliency of Hudson River Wetlands: Biogeochemical and Dynamical Constraints	Hudson River Foundation - Subaward from Stony Brook University	8/1/2015	7/31/2017	\$59,902
Feng, Huan	Collaborative Research: Investigation of Metal Uptake and Translocation Processes in Wetland Plants for Contaminated Soil Remediation	National Science Foundation	8/1/2015	7/31/2018	\$243,693
Feng, Huan/ Prezant, Robert	Saltmarsh Ecosystem Risk Assessment in Response to Coastal Metal Contamination in Northern New Jersey	NJ Sea Grant Consortium	2/1/2016	1/31/2018	\$139,798
Krumins, Jennifer/ Singh, Jay Prakash (Student)	Microorganisms and Phytoremediation: Cleaning up the banks of the Hudson River	Hudson River Foundation	9/1/2015	8 /31/2016	\$16,000
Lal, Pankaj	Assessment of Economic, Ecological, and Social Capital in Congruence with Design Studies for Reducing Storm Surge and Flooding Risks to New Jersey Coastal Communities	NJ Department of Environmental Protection - Subaward from NJ Institute of Technology	7/1/2013	12/31/2014	\$25,000
Lal, Pankaj	Comparative Analysis of Solid Waste Management Practices in Developing Countries: Case Analogs of Santo Domingo, Dominican Republic, and Patna, India	Environmental Research and Education Foundation	5/1/2015	4/30/2017	\$159,545
Lal, Pankaj/ Wu, Meiyin	Socio-Economic Evaluation of Infrastructure Alternatives for Combined Sewer Overflows and Stormwater Management in New Jersey	NJ Environmental Infrastructure Trust	5/1/2015	4/30/2018	\$373,900
Lal, Pankaj/ Wiczerak, Taylor (Student)	Socio-Economic Analysis of Combined Sewer Outflows	US Environmental Protection Agency	9/1/2015	8/31/2017	\$88,000
Li, Xianoa/ Brachfeld, Stefanie/ Deng, Yang/ Passchier, Sandra/ Sarkar, Dibyendu	MRI: Acquisition of an Inductively Coupled Plasma- Mass Spectrometry (ICP MS) for elemental concentration and speciation analysis at Montclair State University	National Science Foundation	1/1/2016	12/31/2018	\$168,245
Lorenzo Trueba, Jorge	Collaborative Research: Integrated field and modeling investigation of coupled barrier-backbarrier system responses to long-term coastal change	National Science Foundation - Collaborative Proposal with Virginia Institute of Marine Science, University of Southern Mississippi, Woods Hole Oceanographic Institution	3/1/2015	3/1/2017	\$137,805
Lorenzo Trueba, Jorge	Sustainable Management of Coastal Hazards: An Integrated Geological and Economic Approach	NJ Sea Grant Consortium	10/1/2014	9/30/2016	\$49,177
Lorenzo Trueba, Jorge	Alongcoast Coupling of Shoreline Protection	National Science Foundation - Subaward from Woods Hole Oceanographic Institution	7/1/2015	6/30/2019	\$365,594

Lorenzo Trueba, Jorge	A Geoeconomics Approach to Long-term Coastal Hazards Management	National Science Foundation - Subaward from Woods Hole Oceanographic Institution	7/1/2015	6/30/2019	\$362,797
Lorenzo Trueba, Jorge	Sustainable Management of Coastal Hazards: An Integrated Geological and Economic Approach	NJ Sea Grant Consortium	2/1/2016	1/31/2018	\$139,849
Lorenzo Trueba, Jorge	The stress nexus of coastlines: Population development, infrastructure security, and morphological dynamics of the Upper Texas Gulf Coast	Rice University	6/15/2015	8/15/2015	\$16,961
Lorenzo Trueba, Jorge	Managing for biodiversity and blue carbon in the face of sea-level rise and barrier-island migration	National Oceanic & Atmospheric Administration/Mid-Atlantic Sea Grant	2/1/2016	1/31/2018	\$140,000
Passchier, Sandra	Understanding fast ice retreat on a reverse bed slope through analysis of proximal glacial varves in the Baltic basin	National Science Foundation	6/1/2015	5/31/2018	\$298,253
Sarkar, Dibyendu/ Punamiya, Pravin	Nanoscale water treatment residuals (nWTR): Green, low-cost technology for waste water reclamation	U.S. - Egypt Science and Technology Joint Fund	10/1/2015	9/30/2017	\$199,821
Shell, Rebecca/ Prezant, Robert	Effects of Hard Clam (<i>Mercenaria mercenaria</i>) Aquaculture on Benthic Community Biodiversity in Barnegat Bay, NJ	American Malacological Society	6/1/2015	5/30/2016	\$1,000

Mathematical Sciences

Billings, Lora	Rare event prediction and control in complex networks	Office of Naval Research - Subaward from College of William & Mary	1/1/2016	12/31/2018	\$200,000
Forgoston, Eric	Collaborative Research: Improved Vehicle Autonomy in Geophysical Flows	National Science Foundation - Collaborative Proposal with Drexel University, Woods Hole Oceanographic Institute, and Cooper Union	7/1/2015	6/30/2018	\$54,713
Forgoston, Eric	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations - REU Supplement	National Science Foundation	6/1/2015	8/31/2015	\$10,000
Ivanescu, Andrada	Statistical Inference for Important Sparse Signals in Improved Analysis for Functional Responses	National Security Agency	7/1/2016	9/1/2017	\$36,438
Ivanescu, Andrada	Inference for Sparse Signals in Functional Regression	National Science Foundation	7/1/2015	8/31/2018	\$97,284
Li, Aihua/ Su, Haiyan	REU: Integrating Graphical Notions as an Interdisciplinary Tool for Education and Research	National Science Foundation	5/15/2015	5/14/2018	\$311,257
Li, Aihua	Applications of Graph Connectivity Indices in DNA Data Analysis	National Security Agency	1/1/2016	12/31/2017	\$76,924
Li, Aihua	Algebra, Graph Theory, and Applications in Other Fields	Simons Foundation	9/1/2015	8/31/2020	\$35,000
Li, Aihua	Interdisciplinary Research in Graph Theory and its Applications in the Sciences	National Science Foundation and National Security Agency through Mathematical Association of America	6/1/2015	9/15/2015	\$27,500
Munakata, Mika/ Willis, Jacalyn/ Krupa, Erin	CUSP-Creative University Partnerships in Mathematics - Year 3	NJ Department of Education	7/1/2015	6/30/2016	\$365,000
Murray, Eileen	Collaborative Research: Developing a Model of Learner-focused Collaborative Mathematics Planning	National Science Foundation - Collaborative Proposal with University of Georgia	7/1/2015	6/30/2018	\$99,427
Murray, Eileen	AWM/NSF Mathematics Education Research Travel Grant Application	Association for Women in Mathematics	1/5/2016	1/9/2016	\$1,805
Murray, Eileen/ Krupa, Erin/ Maloney, Tanya	Mathematics Common Planning Time: Developing a Sustainable Professional Development Model	Spencer Foundation	1/1/2016	12/31/2018	\$399,612
Panorkou, Nicole/ Greenstein, Steven/ Falls, Jerry	The TRIG Project: Developing a Trajectory of Transformation-based Reasoning In Geometry	Spencer Foundation	9/1/2015	8/31/2016	\$49,625
Panorkou, Nicole/ Greenstein, Steven/ Falls, Jerry	The TRIG Project: Developing a Trajectory of Transformation-based Reasoning In Geometry	Spencer Foundation	9/1/2015	8/31/2016	\$49,932
Panorkou, Nicole	The DYME project: Developing Students' Thinking of Dynamic Measurement	Spencer Foundation	1/1/2016	7/31/2017	\$49,444
Thomas, Diana/ Golnabi, Amir	Early risk assessment of Gestational Diabetes Mellitus through a novel dynamic fetal-placental growth model	American Diabetes Association	1/1/2015	12/31/2019	\$757,194
Thomas, Diana	Determination of early responders and quantification of adherence during weight loss treatment	Foundation for the NIH	1/1/2015	12/31/2017	\$345,052
Thomas, Diana	Early risk assessment through mathematical modeling of quantitative placental anatomic/structural biomarkers	National Institutes of Health - Subaward from Placental Analytics	6/1/2015	12/31/2015	\$49,275
Thomas, Diana/ Golnabi, Amir / Ivanescu, Andrada	Predicting placental growth from early gestational ultrasonography: A novel translational software tool	National Institutes of Health	9/1/2015	8/31/2020	\$1,378,569

Annual Report (2015): Proposals Submitted

Proposals Submitted:07/01/2014 to 06/30/2015

Thomas, Diana	Efficacy of a mHealth smartphone app for weight loss and maintenance	National Institutes of Health - Subaward from Pennington Biomedical Research Center	9/1/2015	8/31/2020	\$28,099
Thomas, Diana	Improving adherence to diet and physical activity behavior change interventions through engagement of executive functioning and personal identity	National Institutes of Health - Subaward from University of Colorado, Denver Anschutz Medical Campus	9/1/2015	8/31/2020	\$95,771
Thomas, Diana/ Golanbi, Amir / Trubatch, David	Antenatal Sensing of Placenta In-vivo and Real-Time (ASPIRE) in Response to the Environment	National Institutes of Health - Subaward from Institute for Basic Research in Developmental Disabilities (NYS IBR) Wayne State University	9/1/2015	8/31/2019	\$203,501
Thomas, Diana/ Ivanescu, Andrada	Determination of early responders to weight loss treatment	National Institutes of Health	6/1/2016	5/31/2019	\$1,221,757
Trubatch, David	Collaborative Research: RUI: Modeling and Simulation of Multi-Phase Flows of Magnetic Fluids	National Science Foundation - Collaborative Proposal with Cooper Union	7/1/2015	6/30/2018	\$186,499
Vaidya, Ashuwin	Collaborative Research: Modelling amyloid-beta protein self-assembly in conjunction with protein-fluid interactions	National Science Foundation - Collaborative Proposal with University of Southern Mississippi and Virginia Commonwealth University	8/1/2015	7/31/2018	\$135,033
Vaidya, Ashuwin/ Munakata, Mika/ Vanderklein, Dirk	Energy Cycles! Raising Consciousness about Energy Use and the Global Climate	American Physical Society	6/1/2015	12/1/2016	\$10,658
Vaidya, Ashuwin	Collaborative Research in Fluid Mechanics	Simons Foundation	9/1/2015	8/31/2020	\$35,000

Passaic River Institute

Alo, Clement/ Wu, Meiyin	Assessment of the 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	7/1/2015	6/30/2016	\$20,000
Lal, Pankaj/ Wu, Meiyin	Evaluating ecosystem value and services, and environmental threats across New York and New Jersey Harbor	Hudson River Foundation	6/1/2015	5/31/2017	\$199,955
Lal, Pankaj/ Wu, Meiyin	Socio-economic Evaluation of Green Infrastructure Alternatives for Stormwater Management in Lower Passaic and Newark Bay	US Geological Survey	1/1/2015	12/31/2015	\$20,000
Wu, Meiyin	Lake Hopatcong Foundation Study	Lake Hopatcong Foundation	9/1/2014	12/31/2015	\$64,116
Wu, Meiyin/ Sherwood, Natalie (Student)	Assessment of the First Herpetofauna Tunnels in New Jersey	NJ Department of Environmental Protection/NJ Division of Fish and Wildlife	3/1/2015	12/31/2015	\$3,500
Wu, Meiyin/ Sherwood, Natalie (Student)	Establishing a Crossing Assessment Program in NJ	US Fish and Wild Life Service - Subaward from Wild Life Management Institute	6/25/2015	6/24/2016	\$20,000
Wu, Meiyin/ Murdock, Bryan	Environmental change and community resilience: Increasing public and student literacy in at-risk communities in New Jersey	National Oceanic and Atmospheric Administration - Office of Education	1/1/2016	12/31/2018	\$500,000
Wu, Meiyin/ Weinstein, Michael	Developing a Wetland Baseline at the Watershed Scale	US Environmental Protection Agency - Subaward from NJ Department of Environmental Protection	1/1/2016	12/31/2017	\$127,798

Total Proposals for CSAM: 97

Total Requested for CSAM: \$24,039,004

GLOBAL EDUCATION

Dominguez, Domenica	IIE Syria Consortium for Higher Education in Crisis Top-Up	US State Department - Subaward from Institute of International Education	6/30/2014	9/16/2014	\$8,000
---------------------	--	--	-----------	-----------	---------

Total Proposals for Global Education: 1

Total Requested for Global Education: \$8,000

LIBRARY SERVICES

Shapiro, Steven/ Passchier, Sandra (CSAM)	Rising Tide: What We can Learn From the Dutch and their Relationship with Water	NJ Council for the Humanities	8/1/2015	11/19/2015	\$20,000
---	---	-------------------------------	----------	------------	----------

Total Proposals for Library Services: 1

Total Requested for Library Services: \$20,000

SCHOOL OF BUSINESS (SBUS)

Feliciano Center for Entrepreneurship

Malaga, Ross/ Frasca, Jason	Entrepreneurship, Lean Manufacturing, and 3D Design (ELM3D) Certificate Program	VentureWell	9/1/2015	8/31/2017	\$30,300
-----------------------------	---	-------------	----------	-----------	----------

Total Proposals for SBUS: 1

Total Requested for SBUS: \$30,300

CENTER FOR COMMUNITY ENGAGEMENT

Murdock, Bryan/ Woolston, Krystal/
Dapiran, Danielle/ Fitzgerald, Randall
Woolston, Krystal/ Murdock, Bryan

Montclair State University EECO Project

September 11th National Day of Service and Remembrance

Total Proposals for Center for Community Engagement: 2

Corporation for National and Community Service

9/1/2015 8/31/2016

\$284,225

NJ Commission on National and Community Service

7/29/2014 9/13/2014

\$1,500

Total Requested for Center for Community Engagement: \$285,725

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

EMERGENCY MEDICAL SERVICES

Lawrence, Jacqueline

Assistance to Firefighters Grant Application

Total Proposals for SDCL: 1

Federal Emergency Management Agency (FEMA)

9/1/2015 8/31/2016

\$166,667

Total Requested for SDCL : \$166,667

UNIVERSITY FACILITIES

FIRE SAFETY

Ferrara, Robert/ Issler, Jeffrey

Montclair State University Fire Prevention in Greek/Commuter Homes

Total Proposals for University Facilities: 1

State Farm

2/3/2015 12/31/2015

\$8,500

Total Requested for University Facilities: \$8,500

Total Proposals: 156

Grand Total: \$48,766,234

Annual Report (FY 15): Awards Received

Awards Received: 07/01/2014 To 06/30/2015

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
ACADEMIC AFFAIRS						
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	General Programming Support - FY15	NJ State Council for the Arts	7/1/2014	6/30/2015	\$ 49,513
Art Galleries						
	Rodriguez, Teresa	General Programming Support- FY15	NJ State Council for the Arts	7/1/2014	6/30/2015	\$ 12,828
		Total Awards for CART: 2			Total for CART :	\$ 62,341
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Autism and Early Childhood Mental Health						
	Costa, Gerard/ Mulcahy, Kaitlin	IECMH Training Project Launch	NJ Department of Children and Families	7 /1 /2014	6 /30/2015	\$ 30,000
	Costa, Gerard/ Mulcahy, Kaitlin	IECMH Training Project Launch - Supplement	NJ Department of Children and Families	7 /1 /2014	6 /30/2015	\$ 243,900
	Costa, Gerard	Promoting Early Childhood Mental Health in Counties Affected by Superstorm Sandy - Year 2	NJ Department of Children and Families	7 /1 /2014	6 /30/2015	\$ 360,000
	Costa, Gerard	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	7/1/2015	6 /30/2017	\$ 419,946
Center for Research and Evaluation on Education and Human Services						
	Kyse, Eden	Infant Early Childhood Survey	NJ Department of Children and Families	7 /1 /2014	6 /30/2015	\$ 10,000
Center of Pedagogy						
	Robinson, Jennifer/ Wray, Susan	Newark Montclair Urban Teacher Residency - Year 1	US Department of Education	10/1 /2014	9 /30/2015	\$ 937,381
Curriculum and Teaching						
	Goeke, Jennifer	Restructuring Preservice Preparation for Innovative Special Education (RePPriSE) - Year 4	US Department of Education	10/1 /2014	9 /30/2015	\$ 284,389
Educational Foundations						
	Burkholder, Zoe	An African American Dilemma: The Problem of School Integration and Civil Rights in the North	Spencer Foundation	9 /1 /2015	8 /31/2016	\$ 50,000
	Matthews, Jamaal	CAREER: How Urban Adolescents Come to Think of Themselves as Mathematicians - Year 1	National Science Foundation	7 /1 /2015	6 /30/2019	\$ 133,808
	Matthews, Jamaal	CAREER: How Urban Adolescents Come to Think of Themselves as Mathematicians - Year 2	National Science Foundation	7 /15/2014	6 /30/2019	\$ 142,282
	Reznitskaya, Alina	Dialogic Teaching: Professional Development in Classroom Discussion to Improve Students' Argument Literacy - Year 3	US Department of Education- Subaward from Ohio State University	7 /1 /2014	6 /30/2015	\$ 271,230
Family and Child Studies						
	Reid, Robert/ Reid, Pauline-Garcia	Paterson Coalition Against Substance Abuse (P-CASA)- Year 2	US Department of Health and Human Services/SAMHSA	9 /30/2014	9 /29/2015	\$ 125,000
	Reid, Robert/ Reid, Pauline-Garcia	Project C.O.P.E. at Montclair State University: Using New Media to Prevent Substance Abuse and HIV/AIDS for Populations at Risk in the City of Paterson, New Jersey	US Department of Health and Human Services/SAMHSA	9 /30/2014	9 /29/2015	\$ 125,000
Health and Nutrition Sciences						
	Donnelly, Joseph/ Horn, Robert	Abstinence Education Evaluation	NJ Family Policy Council	7 /1 /2014	12/31/2014	\$ 44,936

Annual Report (FY 15): Awards Received

Awards Received: 07/01/2014 To 06/30/2015

Lieberman, Lisa	Adolescent Family Life Project - Year 3	Conrad Hilton Foundation - Subaward from Inwood House	9 /1 /2014	8 /31/2015	\$	23,000
Silvera, Stephanie	Exploring Sociodemographic and Behavioral Factors Underlying Racial/Ethnic Disparities in Cancer Prevention Behaviors in New Jersey - Year 3	National Institutes of Health	9 /1 /2014	8 /31/2015	\$	139,607
Total Awards for CEHS: 16						Total for CEHS : \$ 3,340,479

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

Anthropology

Soler Cruz, Carmin M.	The Emergence of Prosocial Religions	Templeton Foundation - Subcontract from University of British Columbia	6 /1 /2014	6 /1 /2015	\$	3,915
Soler Cruz, Carmin M.	The Emergence of Prosocial Religions	Templeton Foundation - Subcontract from University of British Columbia	6 /1 /2015	6 /1 /2016	\$	8,200

Communications Disorders

Hitchcock, Elaine	Visual Biofeedback Intervention for /r/ Misarticulation	New York University	9 /1 /2014	12/31/2015	\$	4,800
-------------------	---	---------------------	------------	------------	----	-------

Linguistics

Feldman, Anna	NAACL Workshop on Computational Linguistics for Literature	National Science Foundation	5 /1 /2015	4 /30/2016	\$	6,000
---------------	--	-----------------------------	------------	------------	----	-------

Modern Languages and Literature

Kawahara, Reiko	Promoting Shogi (Japanese Chess) in the U.S.	Japan Foundation	4 /9 /2015	4 /16/2015	\$	1,000
-----------------	--	------------------	------------	------------	----	-------

Psychology

Sessa, Valerie/Bragger, Jennifer	The Longitudinal Leadership Development Study	C. Charles Jackson Foundation	9/1/2015	8/31/2016	\$	5,000
----------------------------------	---	-------------------------------	----------	-----------	----	-------

Robert D. McCormick Center for Child Advocacy and Policy

Dickinson, Jason	New Jersey Child Welfare Training Partnership 2014-2015	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2014	6 /30/2015	\$	700,000
Dickinson, Jason	New Jersey Child Welfare Training Partnership 2014-2015 - Supplement	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2014	6 /30/2015	\$	68,262
Dickinson, Jason	Post BA Certificate in Adolescent Advocacy	NJ Department of Children and Families	9 /1 /2014	8 /31/2015	\$	246,238
Dickinson, Jason	Post BA Certificate in Child Advocacy and Policy 2014-2015	NJ Department of Children and Families	9 /1 /2014	8 /31/2015	\$	104,624
Dickinson, Jason	Post BA Certificate in Child Advocacy and Policy 2014-2015 - Supplement	NJ Department of Children and Families	9 /1 /2014	8 /31/2015	\$	10,900
Dickinson, Jason	Transitions for Youth Summer Housing and Internship Program (SHIP) - FY15	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2014	6 /30/2015	\$	131,702
Dickinson, Jason	Transitions for Youth Summer Housing and Internship Program (SHIP) - FY15 Supplement	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2014	6 /30/2015	\$	3,004

Total Awards for CHSS: 13 **Total for CHSS : \$ 1,293,645**

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

Biology

Du, Charles	A sequence-indexed reverse genetics resource for maize: a set of lines with single Ds-GFP insertions spread throughout the genome - Year 2	National Science Foundation - Subaward from Rutgers University	9 /1 /2014	3 /31/2016	\$	165,743
Molina, Carlos/ Cunningham, Marina	A Reciprocal Approach to Promoting Study Abroad in STEM: Montclair State University, USA and Universidad Mayor Chile	Partners of the Americas Foundation	3 /1 /2014	6 /30/2015	\$	25,000

Annual Report (FY 15): Awards Received

Awards Received: 07/01/2014 To 06/30/2015

Chemistry and Biochemistry

Gindt, Yvonne	DNA Repair Under Extreme Conditions - Year 3	National Aeronautic and Space Administration - Subaward from Temple University	2 /20/2015	2 /19/2016	\$	25,887
Goodey, Nina / Ojinnaka, Eleanor (Student)	2015 ASBMB Undergraduate Research Award	American Society for Biochemistry and Molecular Biology	5 /1 /2015	9 /15/2015	\$	1,000
Goodey, Nina/ Herbert, Katherine/ Siekierka, John/ Kasner, Marc/ Krumins, Jennifer	Opening Pathways, Engaging, and Networking in Chemistry in Northern New Jersey (OPEN-NJ) - Year 1	National Science Foundation	7 /1 /2015	6 /30/2020	\$	50,847
Rotella, David/ Siekierka, John	Discovery and Optimization of Botulinum Toxin A Protease Inhibitors - Year 1	US Department of Defense - Defense Threat Reduction Agency	9 /15/2014	9 /14/2015	\$	422,754
Talaga, David	Interfacially activated aggregation of alpha-synuclein	National Institutes of Health	3 /15/2015	2 /29/2016	\$	283,164

Dean's Office

Prezant, Robert/Molina, Carlos	Garden State LSAMP Phase II - Year 1	National Science Foundation -Subaward from Rutgers University	7 /1 /2014	6 /30/2015	\$	73,127
Prezant, Robert/Molina, Carlos	Garden State LSAMP Phase II - Year 2	National Science Foundation -Subaward from Rutgers University	7 /1 /2015	6 /30/2016	\$	72,694
Prezant, Robert/ Shell, Rebecca (Student)	Effects of hard clam (<i>Mercenaria mercenaria</i>) grow-out operations on benthic communities in Barnegat Bay, New Jersey	US Geological Survey -Subaward from NJ Water Resources Research Institute/ Rutgers University	3 /1 /2015	2 /29/2016	\$	5,000
Weinstein, Michael	Impact of Hurricane Sandy: Threats to Communities and Ecosystems from Storm-Induced Mobilization of Toxic Compounds	NJ Department of Environmental Protection	12/1 /2014	11/30/2015	\$	83,342

Earth and Environmental Studies

Brachfeld, Stefanie	Collaborative research: Deglacial ice dynamics in the Weddell Sea embayment using sediment provenance	National Science Foundation - Collaborative Proposal with Indiana University and Columbia University	9 /1 /2014	8 /31/2017	\$	157,056
Chopping, Mark	A high-resolution circumpolar delineation of the forest-tundra ecotone with implications for carbon balance	National Aeronautic & Space Administration	8 /1 /2014	8/31/2015	\$	39,086
Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautic & Space Administration	3 /1 /2015	12/31/2015	\$	29,600
Deng, Yang	Approaches to Mitigation of Landfill Leachate-Induced UV Transmittance Impacts	Environmental Research and Education Foundation	9 /1 /2014	8 /31/2016	\$	175,652
Deng, Yang/ Sarkar, Dibyendu/ Panja,Soumik (Student)	Developing a green technology to remove phosphate and pharmaceuticals from wastewater effluents	US Geological Survey -Subaward from NJ Water Resources Research Institute/ Rutgers University	3 /1 /2015	2 /29/2016	\$	5,000
Lal, Pankaj	Assessment of Economic, Ecological, and Social Capital in Congruence with Design Studies for Reducing Storm Surge and Flooding Risks to New Jersey Coastal Communities	NJ Department of Environmental Protection - Subcontract from NJ Institute of Technology	8 /12/2013	12/31/2014	\$	25,000
Lal, Pankaj	Assessment of Economic, Ecological, and Social Capital in Congruence with Design Studies for Reducing Storm Surge and Flooding Risks to New Jersey Coastal Communities - Supplement	NJ Department of Environmental Protection - Subcontract from NJ Institute of Technology	8 /12/2013	3/31/2015	\$	10,000
Lorenzo Trueba, Jorge	The stress nexus of coastlines: Population development, infrastructure security, and morphological dynamics of the Upper Texas Gulf Coast	Shell Center for Sustainability at Rice University	6 /15/2015	8 /15/2015	\$	16,961
Passchier, Sandra	Understanding ice dynamics, meltwater discharge, and paleocirculation in the Baltic Sea Paleoenvironment through laser particle size and XRF analysis - Supplement	National Science Foundation - Subaward from Consortium For Ocean Leadership	1 /22/2014	1/31/2016	\$	7,993
Sarkar, Dibyendu/Deng, Yang	A Green Technology for Nutrient and Metals Reduction in New Jersey Coastal Waters - Year 1	National Oceanic and Atmospheric Administration - subaward from NJ Sea Grant Consortium	9 /1 /2014	8 /31/2015	\$	69,997
Sarkar, Dibyendu	Reducing Copper Loads from Stamp Sand Deposits in the Keweenaw Peninsula with Permeable Reactive Barriers - Phase 1	Michigan Department of Environmental Quality - Subcontract from Michigan Technical University	8 /1 /2014	9 /30/2016	\$	27,494

Annual Report (FY 15): Awards Received

Awards Received: 07/01/2014 To 06/30/2015

Health Careers							
	Lorenzo, Donna	Upward Bound - Year 3	US Department of Education	9 /1 /2014	8 /31/2015	\$	250,000
Mathematical Sciences							
	Cutler, Jonathan	Enumerative extremal problems- Year 1	National Security Agency	3 /27/2015	3 /26/2016	\$	19,473
	Forgoston, Eric	Collaborative Research: Improved Vehicle Autonomy in Geophysical Flows	National Science Foundation - Collaborative Proposal with Drexel University, Woods Hole Oceanographic Institute, and Cooper Union	7 /1 /2015	6 /30/2018	\$	54,713
	Forgoston, Eric	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations - Supplement	National Science Foundation	4/17/2015	8 /31/2015	\$	10,000
	Forgoston, Eric	RUI: Transport of inertial particles in time-dependent and stochastic flows	National Science Foundation	7 /15/2014	6 /30/2017	\$	299,987
	Thomas, Diana	Short Course on the Mathematical Sciences in Obesity Research - Year 2	National Institutes of Health	7 /1 /2014	6 /30/2015	\$	10,859
	Thomas, Diana	Early Risk Assessment through Mathematical Modeling of Quantitative Placental Anatomic/Structural Biomarkers	National Institutes of Health - Subaward from Placental Analytics	7/1/2015	12/31/2016	\$	49,275
Passaic River Institute							
	Wu, Meiyin/Galster, Josh/ Lee, Lee/ Olsen, Kevin/ Shell, Rebecca	Lake Hopatcong Foundation Study	Lake Hopatcong Foundation	10/1 /2014	2 /28/2015	\$	15,932
	Wu, Meiyin	Passaic River Basin EcoExplorers Program for Paterson middle school students	National Park Service	7 /15/2014	6/30/2015	\$	17,892
Professional Resources in Science and Mathematics (PRISM)							
	Munakata, Mika/Willis, Jacalyn/Krupa, Erin	CUSP: Creative University - School Partnerships in Mathematics - Year 3	NJ Department of Education	7 /1 /2015	6 /30/2016	\$	365,000
		Total Awards for CSAM: 32				Total for CSAM :	\$ 2,865,528
GLOBAL EDUCATION							
	Dominguez, Domenica	IIE Syria Consortium for Higher Education in Crisis Top-Up	US State Department - Subaward from Institute of International Education	6 /30/2014	9 /16/2014	\$	8,000
		Total Awards for GLOBAL ED: 1				Total for GLOBAL ED:	\$ 8,000
LIBRARY SERVICES							
	Shapiro, Steven/Cunningham, Marina	Rescue in Budapest: The 70th Anniversary of Raoul Wallenberg's Mission to Save the Last Jews of Europe	NJ Council for the Humanities	8 /1 /2014	11/25/2014	\$	20,000
		Total Awards for LIBRARY SERVICES: 1				Total for Library Services:	\$ 20,000
CENTER FOR COMMUNITY ENGAGEMENT							
	Murdock, Bryan/Woolston, Krystal/Fitzgerald, Randall	NJ Americorps Formula Grant - Year 2	NJ Commission on National and Community Service	9/1/2014	8/31/2015	\$	260,863
	Murdock, Bryan	City of Orange Proposal to DOE: University Assisted Full Service Community Schools Program - Year 1	US Department of Education	10/1 /2014	9 /30/2015	\$	525,635
	Woolston, Krystal	September 11th National Day of Service and Remembrance	NI Commission on National and Community Service	7 /29/2014	9 /13/2014	\$	1,500
		Total Awards for Center for Community Engagement: 3				Total for Center for Community Engagement :	\$ 787,998
		Total: 68				Grand Total: \$	8,377,991