

ANNUAL REPORT

2014-2015



OFFICE OF SPONSORED PROGRAMS



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Executive Summary

This Annual Report from the Research Office/Office of Sponsored Programs lists all proposals submitted and awards received during FY-2015 for the Glassboro, Camden, Stratford campuses and the South Jersey Technology Park. During FY-2015, the Office of Sponsored Programs processed grant awards totaling **\$20M**-a 54% increase in funds received just two years ago. These awards include grants and contracts from government, industry and private sources.

The Office of Corporate and Foundation Relations within University Advancement received an additional **\$383k** in grant funding from individuals, corporations and foundations to support faculty scholarly and service activities. In FY-2015, Rowan University faculty and staff raised a total of \$20.4M for sponsored programs and projects. **Since the designation of Rowan University as the newest comprehensive public research university in the State of New Jersey, we have received over \$49M in externally sponsored projects to support our faculty's scholarly and creative activities.**

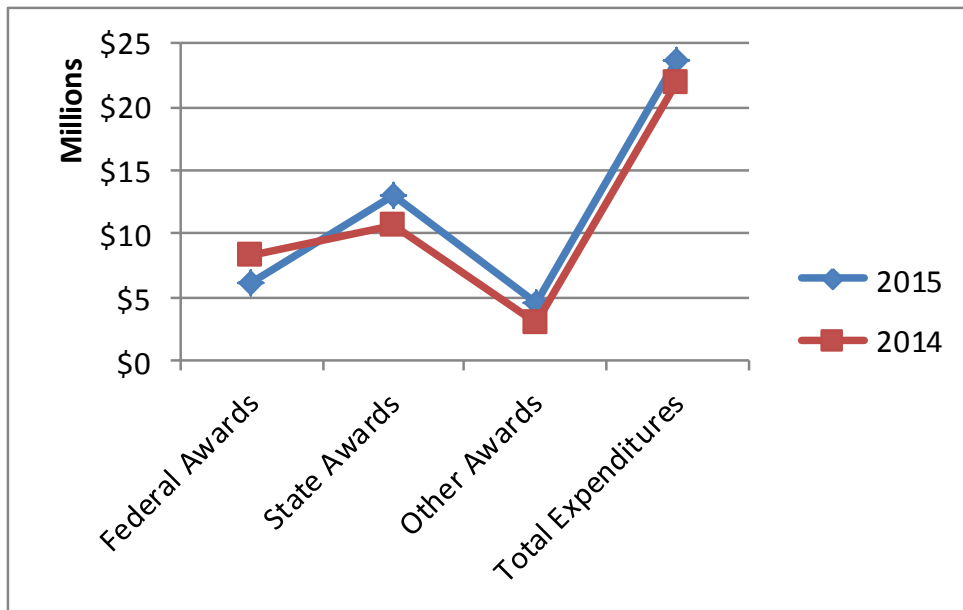
Dr. Shreekanth Mandayam
Vice President for Research
Executive Director, South Jersey Technology Park

Total External Funds Raised

Unit	Office of Sponsored Programs	University Advancement	Department
Administration \$1,887,676	\$ -	\$ 3,000	Academic Success Center
	\$ 1,246,648	\$ -	Educational Opportunity Fund
	\$ 180,020	\$ -	Healthy Campus Initiatives
	\$ 18,200	\$ -	Public Safety
	\$ -	\$ 75,000	Student Affairs
	\$ -	\$ 114,814	Student Enrollment Management
	\$ 249,994	\$ -	VR Lab
Camden Campus \$769,619	\$ 34,993	\$ 12,000	C.H.A.M.P./Gear-Up
	\$ 250,000	\$ -	Upward Bound
	\$ 472,626	\$ -	Educational Opportunity Fund
College of Communication \$10,000	\$ 10,000	\$ -	Art Gallery
Cooper Medical School \$1,006,060	\$ 633,895	\$ -	Dean's Office
	\$ 372,165	\$ -	Biomedical Sciences
College of Performing Arts \$25,000	\$ -	\$ 5,000	Dean's Office
	\$ 20,000	\$ -	Music
College of Education \$887,829	\$ 10,000	\$ -	Dean's Office
	\$ 648,928	\$ -	Language, Literacy & Special Ed
	\$ 228,901	\$ -	Educational Svcs, Admin & Higher Education
Henry M. Rowan College of Engineering / South Jersey Technology Park \$2,389,964	\$ -	\$ 80,000	Dean's Office
	\$ 266,717	\$ -	Chemical Engineering
	\$ 1,416,449	\$ -	Civil and Environmental Engineering
	\$ 460,389	\$ -	Electrical and Computer Engineering
	\$ 166,409	\$ -	Mechanical Engineering
College of Science and Mathematics \$2,147,340	\$ 25,000	\$ -	Dean's Office
	\$ 149,782	\$ -	Biological Sciences
	\$ 594,652	\$ -	Chemistry & Biochemistry
	\$ 80,970	\$ 34,697	Computer Science
	\$ 25,000	\$ 21,600	Health & Exercise Science
	\$ 365,000	\$ -	Mathematics
	\$ 348,799	\$ -	Physics and Astronomy
	\$ 500,590	\$ 1,250	Psychology
College of Humanities and Social Sciences \$906,795	\$ 488,057	\$ -	Geography & Environment
	\$ 32,650	\$ -	History
	\$ 12,400	\$ -	Hollybush Institute
	\$ 346,188	\$ -	Liberal Arts and Sciences Institute
	\$ 27,500	\$ -	Political Sciences & Economics
School of Osteopathic Medicine \$10,402,502	\$ 221,078	\$ -	Academic Affairs
	\$ 2,996,220	\$ -	CARES Institute
	\$ 1,174,697	\$ -	Cell Biology
	\$ 40,000	\$ 35,750	Cardiology
	\$ 36,691	\$ -	General Internal Medicine
	\$ 1,031,910	\$ -	Molecular Biology
	\$ 2,392,708	\$ -	NJ Institute for Successful Aging
	\$ 434,342	\$ -	Obstetrics & Gynecology
	\$ 309,070	\$ -	
	\$ 1,687,358	\$ -	Psychiatry
	\$ 42,678	\$ -	Rehabilitative Medicine
\$ 20,432,785	\$ 20,049,674	\$ 383,111	

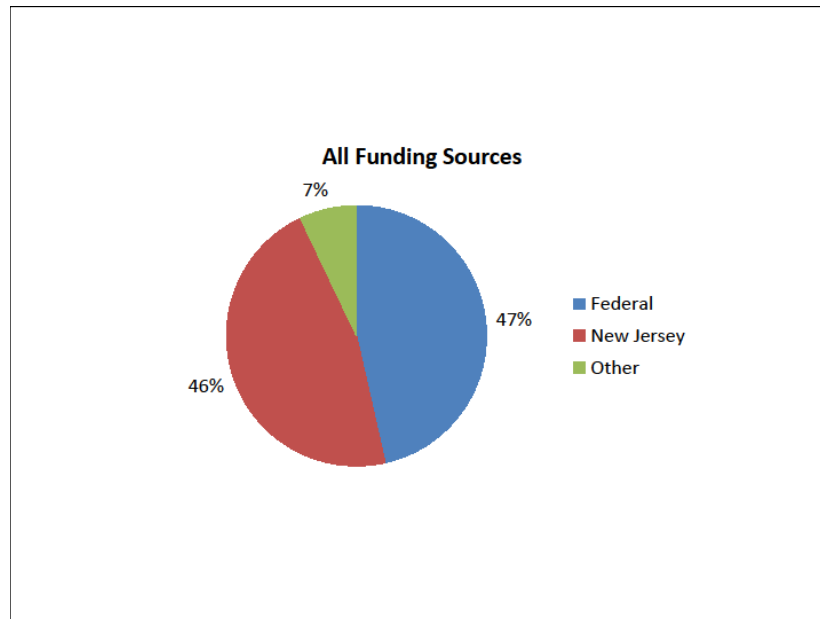
Research Expenditures

	2015 Expenditures	2014 Expenditures	Comparison
Federal Awards	\$ 6,065,373.47	\$ 8,295,444.95	\$ (2,230,071.48)
State Awards	\$ 13,043,294.73	\$ 10,632,342.14	\$ 2,410,952.59
Other Awards	\$ 4,621,577.97	\$ 3,015,358.65	\$ 1,606,219.32
Total Expenditures	\$ 23,730,246.17	\$ 21,943,145.74	\$ 1,787,100.43



Total Grant Activity

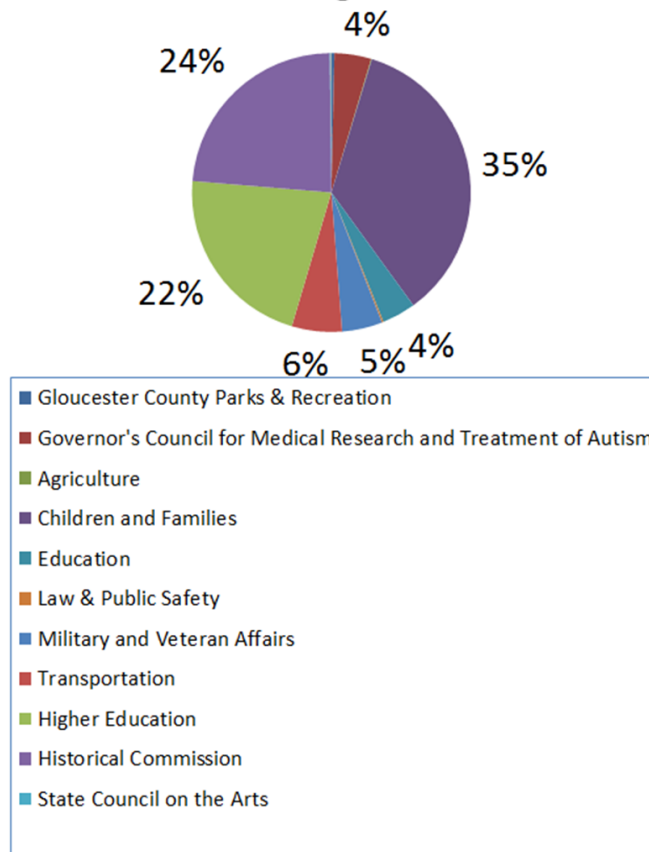
Unit	PROPOSALS		AWARDS				
	#	Amount	#	Indirect	Award Totals		
Administration	11	\$ 2,245,867	11	\$ 125,150	\$ 1,887,676		
Camden Campus	5	\$ 496,304	8	\$ 21,999	\$ 769,619		
Rohrer College of Business	2	\$ 771,550	-	\$ -	\$ -		
College of Education	18	\$ 5,424,830	6	\$ 47,924	\$ 887,829		
Henry M. Rowan College of Engineering/SJTP	65	\$15,937,749	20	\$ 490,810	\$ 2,389,964		
College of Science and Mathematics	66	\$10,821,154	27	\$ 344,055	\$ 2,147,340		
College of Communication and Creative Arts	2	\$ 200,021	1	\$ 3,103	\$ 10,000		
College of Humanities and Social Sciences	13	\$ 1,558,242	12	\$ 55,883	\$ 906,795		
Cooper Medical School of Rowan University	16	\$ 6,621,410	7	\$ 145,460	\$ 1,006,060		
College of Performing Arts	4	\$ 306,000	2	\$ -	\$ 25,000		
School of Osteopathic Medicine	52	\$18,908,055	47	\$1,128,354	\$ 10,402,502		
TOTAL			254	\$63,291,182	141	\$2,362,738	\$ 20,432,785



Awarded Sources	Number	Amount
New Jersey	38	\$ 9,337,890
Federal	48	\$ 9,633,212
Other	57	\$ 1,461,683
Total	143	\$ 20,432,785

New Jersey Sponsored Grant Activity

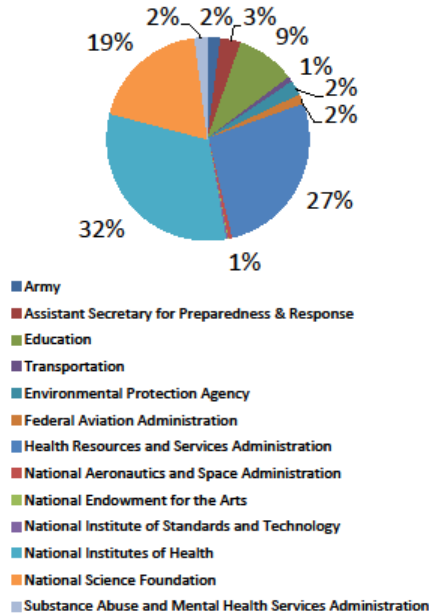
NJ Funding Sources



New Jersey Sponsors	Number	Amount
Department of Agriculture	2	\$ 8,183
Department of Children & Families	3	\$ 3,295,968
Department of Education	1	\$ 365,000
Department of Health & Human Services	5	\$ 2,028,653
Department of Law & Public Safety	1	\$ 18,200
Department of Military and Veteran Affairs	5	\$ 436,625
Department of Transportation	2	\$ 542,915
Gloucester County Parks & Recreation	1	\$ 32,650
Governor's Council for Medical Research & Treatment of Autism	1	\$ 398,050
New Jersey Higher Education	15	\$ 2,194,246
New Jersey Historical Commission	1	\$ 12,400
NJ State Council on the Arts	1	\$ 5,000
Total	38	\$ 9,337,890

Federally Sponsored Grant Activity

Federal Funding Sources



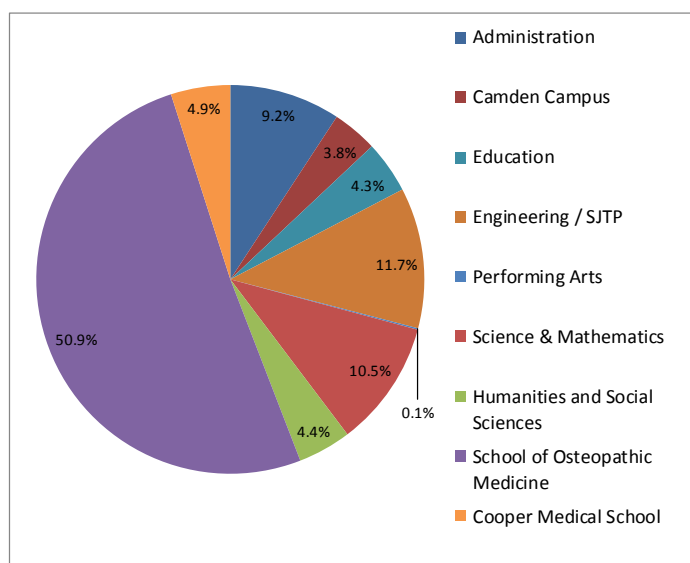
Federal Sponsors	Number	Amount
Department of Defense	2	\$ 199,993
Assistant Secretary for Preparedness & Response	1	\$ 313,220
Department of Education	4	\$ 906,928
Department of Transportation	1	\$ 79,960
Environmental Protection Agency	2	\$ 229,383
Federal Aviation Administration	1	\$ 149,995
Health Resources and Services Administration	6	\$ 2,581,725
National Aeronautics and Space Administration	4	\$ 55,000
National Endowment for the Arts	1	\$ 10,000
National Institute of Standards and Technology	1	\$ 24,559
National Institutes of Health	16	\$ 3,068,564
National Science Foundation	6	\$ 1,817,741
Substance Abuse and Mental Health Services Administration	3	\$ 196,144
Total	48	\$ 9,633,212

Other Activity

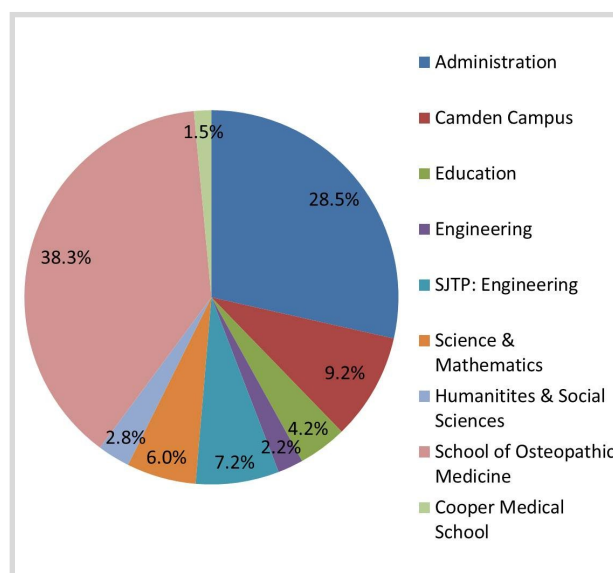
Other	Number	Amount
AbbVie Inc	2	\$ 36,842
Allergy & Asthma of SJ Education & Research Foundation	2	\$ 14,000
ARC International	1	\$ 9,282
AT&T	1	\$ 50,000
Autism Speaks, Inc.	1	\$ 3,000
Avante Pharmaceuticals	2	\$ 76,750
Biogen	2	\$ 10,660
Build-a-Bear Foundation	1	\$ 2,000
Channel Therapeutics, Inc.	1	\$ 158,142
Cooperman College Scholars	1	\$ 114,814
Daiichi Sankyo	2	\$ 9,650
END Serono	3	\$ 26,031
Frank and Lydia Bergen Foundation	1	\$ 20,000
Google	1	\$ 34,697
Groff Foundation	1	\$ 21,002
Horizon Foundation of NJ	1	\$ 10,000
Ispen BioPharmaceuticals	2	\$ 18,025
Janssen Pharmaceuticals	1	\$ 3,010
Johnson Matthey	2	\$ 32,415
Lockheed Martin	2	\$ 30,000
Merz Pharmaceuticals	1	\$ 420
National Association of School Psychologists	1	\$ 22,000
National Geographic Society	1	\$ 27,500
North Atlantic Treaty Organization (NATO)	1	\$ 63,365
Nuttal Ornithological Club	1	\$ 1,250
Perka, Inc.	1	\$ 80,970
Provectra	1	\$ 60,000
PSEG	1	\$ 50,000
Purdue Pharma	1	\$ 14,583
Purma Pure	2	\$ 53,165
Rosenberg Integrative Cancer Treatment & Research Institute	1	\$ 20,000
School of Psychiatry UNSW, Australia	1	\$ 15,000
Sharpe-Strumia Research Foundation	1	\$ 50,000
St. Jude Medical Grant Program	2	\$ 75,750
State Farm	1	\$ 11,600
Syrsa Corporation	1	\$ 49,980
Sytheon, Ltd	2	\$ 25,780
TD Charitable Foundation	1	\$ 25,000
The Geraldine R. Dodge Foundation	1	\$ 40,000
Wakefern Foundation	1	\$ 25,000
Wal-mart Foundation	1	\$ 25,000
William Penn Foundation	1	\$ 45,000
TOTAL	55	\$ 1,461,683

Unit Comparison Data

FY 15 Percentage of Awards by Unit



FY 14 Percentage of Awards by Unit



Units	Percentage of Total Awards		Percentage of Total Proposals	
	FY15	FY14	FY15	FY14
Administration	9.2%	28.5%	3.5%	14.3%
Camden Campus	3.8%	9.2%	0.8%	3.8%
Rohrer College of Business	0.0%	0.0%	1.2%	0.1%
College of Communication & Creative Arts	0.0%	0.0%	0.3%	0.1%
College of Education	4.3%	4.2%	8.6%	3.4%
Henry M. Rowan College of Engineering / SJTP	11.7%	9.4%	25.2%	14.4%
College of Performing Arts	0.1%	0.0%	0.5%	0.0%
College of Science & Mathematics	10.5%	6.0%	17.1%	18.5%
College of Humanities and Social Sciences	4.4%	2.8%	2.5%	1.1%
School of Osteopathic Medicine	50.9%	38.3%	29.9%	39.9%
College of Graduate and Continuing Education	0.0%	1.0%	0.0%	0.0%
Cooper Medical School of Rowan University	4.9%	1.5%	10.5%	4.4%
Total	100%	100%	100%	100%

Unit Comparison Data

UNITS	AWARDS		PROPOSALS	
	FY15	FY14	FY15	FY14
Administration	11 \$1,887,676	11 \$8,218,141	11 \$2,245,867	16 \$9,147,394
Camden Campus	8 \$769,619	10 \$2,665,908	5 \$496,304	12 \$2,428,301
Rohrer College of Business	0 \$0	0 \$0	2 \$771,550	1 \$50,000
College of Communication & Creative Arts	1 \$10,000	4 \$36,000	2 \$200,021	6 \$55,500
College of Education	6 \$887,829	10 \$1,217,718	18 \$5,424,830	19 \$2,192,187
Henry M. Rowan College of Engineering / SJTP	20 \$2,389,964	35 \$2,712,690	65 \$15,937,749	50 \$9,236,383
College of Science & Mathematics	27 \$2,147,340	20 \$1,741,394	66 \$10,821,154	41 \$11,808,912
College of Humanities and Social Sciences	12 \$906,795	9 \$794,696	13 \$1,558,242	12 \$715,243
School of Osteopathic Medicine	47 \$10,402,502	26 \$11,032,591	52 \$18,908,055	58 \$25,517,092
Cooper Medical School of Rowan	7 \$1,006,060	6 \$422,846	16 \$6,621,410	14 \$2,794,828
College of Performing Arts	2 \$25,000	1 \$5,000	4 \$306,000	2 \$17,300
Total Number	141	132	254	231
Total Amount	\$20,432,785	\$28,846,984	\$63,291,182	\$63,963,140

Administration Awards & Proposals

Administration					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Healthy Campus Initiatives	1	\$ 90,010	2	\$ 54,549	\$ 180,020
Educational Opportunity Fund	1	\$ 1,212,231	2	\$ -	\$ 1,246,648
VR Lab	2	\$ 250,759	2	\$ 70,601	\$ 249,994
Office of the President	1	\$ 6,210	-	\$ -	\$ -
Student Affairs	1	\$ 50,000	2	\$ -	\$ 75,000
Health Sciences	1	\$ 268,776	-	\$ -	\$ -
Academic Success Center	1	\$ 3,000	1	\$ -	\$ 3,000
Risk Management	1	\$ 307,081	-	\$ -	\$ -
Public Safety	1	\$ 17,800	1	\$ -	\$ 18,200
University Library Service	1	\$ 40,000	-	\$ -	\$ -
Student Enrollment Management	-	\$ -	1	\$ -	\$ 114,814
Total	11	\$ 2,245,867	11	\$ 125,150	\$ 1,887,676

Awards

Healthy Campus Initiatives

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Campus Suicide Prevention (Year 2)	Allison Pearce	Substance Abuse and Mental Health Services Administration	\$ 90,010	\$ 26,623
Campus Suicide Prevention (Year 3)	Allison Pearce	Substance Abuse and Mental Health Services Administration	\$ 90,010	\$ 27,926

Virtual Reality Lab

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Visualization of Unmanned Aircraft Systems (UAS) within a CAVE™ Virtual Reality Environment : A Feasibility Project	George Lecakes	Federal Aviation Administration	\$ 149,995	\$ 41,274
A Virtual Reality Training Environment for Cold Spray Application: A Feasibility	George Lecakes	Northeastern University (Prime: Department of the Army)	\$ 99,999	\$ 29,327

Educational Opportunity Fund

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY15 EOF Main Campus-Academic Year (Additional)	Penny McPherson-Barnes	NJ Higher Education	\$ 13,765	\$ -
EOF FY2016—Glassboro Campus	Penny McPherson-Barnes	NJ Higher Education	\$ 1,232,883	

Academic Success Center

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Young Profs Campus Club	John Woodruff	Autism Speaks, Inc.	\$ 3,000	\$ -

Public Safety

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Yield to Pedestrians in Crosswalks Program	Michael Fitzgibbons	NJ Dept. of Law & Public Safety	\$ 18,200	\$ -

Student Enrollment Management

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Cooperman College Scholars	James Gaymon	Cooperman College Scholars	\$ 114,814	\$ -

Student Affairs

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Support for STEAM Ahead	Richard Jones	AT&T	\$ 50,000	\$ -
STEAM Ahead College Experience	Joanne Connor	TD Charitable Foundation	\$ 25,000	\$ -

Administration Proposals

Educational Opportunity Fund

Title	Principal Investigator	Sponsor	Requested Amount
EOF Program - Rowan Glassboro 2016	Penny McPherson-Barnes	New Jersey Higher Education	\$ 1,212,231

Office of the President

Title	Principal Investigator	Sponsor	Requested Amount
STEAM Ahead College Experience	Ali Houshmand	South Jersey Industries Services	\$ 6,210

Virtual Reality Lab

Title	Principal Investigator	Sponsor	Requested Amount
Visualization of Unmanned Aircraft Systems (UAS) within a CAVE™ Virtual Reality Environment : A Feasibility Project	George Lecakes	Federal Aviation Administration	\$ 149,995
A Virtual Reality Training Environment for Cold Spray Application: A Feasibility Study	George Lecakes	Northeastern University (Prime: Department of the Army)	\$ 100,764

Student Affairs

Title	Principal Investigator	Sponsor	Requested Amount
Support for STEAM Ahead	Richard Jones	AT&T	\$ 50,000

Public Safety

Title	Principal Investigator	Sponsor	Requested Amount
Yield to Pedestrians in Crosswalks Program	Michael Fitzgibbons	NJ Dept of Law and Public Safety	\$ 17,800

Health Sciences

Title	Principal Investigator	Sponsor	Requested Amount
Institutional Review Board Review of Human Subjects Research	Sreekant Murthy	NJ Department of Health	\$ 268,776

Healthy Campus Initiatives

Title	Principal Investigator	Sponsor	Requested Amount
Campus Suicide Prevention	Allison Pearce	Substance Abuse and Mental Health Services Administration	\$ 90,010

Risk Management

Title	Principal Investigator	Sponsor	Requested Amount
Integrated Storm Water Management and Landscape Master Plan & Design	Eileen Morrow	Federal Emergency Management Agency	\$ 307,081

University Library Services

Title	Principal Investigator	Sponsor	Requested Amount
Police Reports Published before 1930-Planning Project	Michelle Kowalsky	National Endowment for the Humanities	\$ 40,000

Academic Success Center

Title	Principal Investigator	Sponsor	Requested Amount
Young Profs Campus Club	John Woodruff	Autism Speaks, Inc.	\$ 3,000

Camden Campus Awards & Proposals

Camden Campus					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
C.H.A.M.P. / GEAR-UP	4	\$ 47,061	5	\$ 3,481	\$ 46,993
Upward Bound	-	\$ -	1	\$ 18,518	\$ 250,000
Educational Opportunity Fund	1	\$ 449,243	2	\$ -	\$ 472,626
Total	5	\$ 496,304	8	\$ 21,999	\$ 769,619

Awards

C.H.A.M.P. / GEAR-UP

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY14 NCCEP/GEAR-UP Conference	Richard Jones	New Jersey Higher Education	\$ 4,793	\$ 355
FY2015 Spring Activity: Student Leadership Retreat	Richard Jones	New Jersey Higher Education	\$ 11,124	\$ 824
Summer Activity Grant: 2015 NCCEP/GEAR-UP Conference	Richard Jones	New Jersey Higher Education	\$ 9,898	\$ 733
C.H.A.M.P./GEAR-UP Activity Grant	Richard Jones	New Jersey Higher Education	\$ 8,964	\$ 664
2015 NCCEP/GEAR-UP Capacity Building Workshop	Richard Jones	New Jersey Higher Education	\$ 12,214	\$ 905

Upward Bound

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Upward Bound for ELL	Margarita Olivencia	US Dept. of Education	\$ 250,000	\$ 18,518

Educational Opportunity Fund

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
EOF FY 15 - Camden Campus (Additional)	Penny McPherson-Barnes	New Jersey Higher Education	\$ 9,352	\$ -
FY16 EOF - Camden Campus	Penny McPherson-Barnes	New Jersey Higher Education	\$ 463,274	\$ -

Proposals

C.H.A.M.P. / GEAR UP

Title	Principal Investigator	Sponsor	Requested Amount
C.H.A.M.P. / GEAR-UP Activity Grant	Richard Jones	New Jersey Higher Education	\$ 8,964
2015 NCCEP/GEAR-UP Capacity Building Workshop	Richard Jones	New Jersey Higher Education	\$ 12,214
C.H.A.M.P. / GEAR-UP	Richard Jones	Subaru of America Foundation	\$ 15,986
Summer 2015 Activity Grant—Professional Development	Richard Jones	New Jersey Higher Education	\$ 9,897

Educational Opportunity Fund

Title	Principal Investigator	Sponsor	Requested Amount
EOF—Rowan University Camden Campus 2016	Penny McPherson-Barnes	New Jersey Higher Education	\$ 449,243

Rohrer College of Business Proposals

Rohrer College of Business					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Accounting and Finance	1	\$ 27,788	-	\$ -	\$ -
Management	1	\$ 743,762	-	\$ -	\$ -
Total	1	\$ 771,550	-	\$ -	\$ -

Proposals

Management

Title	Principal Investigator	Sponsor	Requested Amount
Women's Academic Reality: Reflections, Issues, Outcomes, Results	Joel Rudin	National Science Foundation	\$ 743,762

Accounting and Finance

Title	Principal Investigator	Sponsor	Requested Amount
Financial Literacy and Retirement Planning: A Case Study of University Professors	Daniel Folkinshteyn	Boston College (Prime: U.S. Social Security Administration)	\$ 27,788

College of Communication & Creative Arts

Awards & Proposals

College of Communication and Creative Arts					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Art Gallery	1	\$ 12,470	1	\$ 3,103	\$ 10,000
Art Department	1	\$ 187,551	-	\$ -	\$ -
Total	2	\$ 200,021	1	\$ 3,103	\$ 10,000

Awards

Art Gallery

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Tesla's Fire	Mary Salvante	National Endowment for the Arts	\$ 10,000	\$ 3,103

Proposals

Art Gallery

Title	Principal Investigator	Sponsor	Requested Amount
Program Support	Mary Salvante	National Endowment for the Arts	\$ 12,470

Art Department

Title	Principal Investigator	Sponsor	Requested Amount
Clinical Trail of Decision Support for End of Life Care Among Surrogate Decision Makers of the Chronically Critically Ill, Interactive association/ simulation	Amanda Almon	Case Western Reserve University (Prime: National Institutes of Health)	\$ 187,551

College of Education Awards & Proposals

College of Education					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	3	\$ 585,703	1	\$ -	\$ 10,000
Teacher Education	2	\$1,869,534	-	\$ -	\$ -
Educational Services, Administration, and Higher Education	7	\$ 402,782	2	\$ -	\$ 228,901
Language, Literacy, & Special Education	6	\$2,566,811	3	\$ 47,924	\$ 648,928
Total	18	\$5,424,830	6	\$ 47,924	\$ 887,829

Awards

Dean's Office

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Persistence of Fourth Year Urban Teachers According to Preparation Pathway	Monica Williams-Shealey	William Patterson University (Prime: U.S. Dept. of Education)	\$ 10,000	\$ -

Educational Services, Administration, and Higher Education

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Grad Assistant to Support Operation of Nat'l Certified School Psychologists Board	Barbara Bole-Williams	National Association of School Psychologists	\$ 22,000	\$ -
Rowan University AIM High Science and Technology Academy	Kara Ieva	New Jersey Higher Education	\$ 206,901	\$ -

Language, Literacy, and Special Education

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Formative Assessment and Instructional Interventions for Learning in Mathematics	Sydney Kuder	NJ Dept. of Education (Prime: U.S. Dept. of Education)	\$ 323,474	\$ 23,964
Common Core Academy at Rowan	Marjorie Madden	NJ Dept. of Education (Prime: U.S. Dept. of Education)	\$ 323,454	\$ 23,960
Nurturing Preschool Children's Multicultural Awareness Through Reading and Responding to Multicultural Children's Books	Xiufang Chen	Build-a-Bear Foundation	\$ 2,000	\$ -

College of Education Proposals

Dean's Office

Title	Principal Investigator	Sponsor	Requested Amount
TQP Evaluation Award	Monika Williams-Shealey	William Patterson University (Prime: U.S. Dept. of Education)	\$ 310,700
Improving the Medical Academic Curriculum to Gain Increased Understanding of the Needs of Families of Children with Exceptionalities (IMAGINE)	Mary Sheppard	The Milbank Foundation	\$ 75,000
The Beginning Teacher Project: Building Capacity and Professional Learning	Lisa Vernon-Dotson	NJ Department of Education	\$ 200,003

Educational Services, Administration, and Higher Education

Title	Principal Investigator	Sponsor	Requested Amount
DYNAMITE: Dynamic Activities for Motivating Investigation of Technology and Engineering	Kara Ieva	Google, Inc.	\$ 50,000
Grad Assistant to Support Operation of Nat'l Certified School Psychologists Board	Barbara Bole-Williams	National Association of School Psychologists	\$ 22,000
Building Frameworks for University Agency in Peacebuilding: A Case Study of the University of Jos and Conflict in the Plateau State of Nigeria	Ane Johnson	Society for Research into Higher Education	\$ 5,000
University Agency in Peacebuilding: A Case Study of the University of Jos and Conflict in the Plateau State of Nigeria	Ane Johnson	International Peace Research Association	\$ 5,000
Rowan University Aim High Science and Technology Academy Year 5	Kara Ieva	New Jersey Higher Education	\$ 206,091
Administrator Residency Program	Jo Ann Manning	NJ Department of Education	\$ 74,691
NJ Delaware Bayshore Place-Based Resiliency	MaryBeth Walpole	Bayshore Center	\$ 40,000

Language, Literacy, & Special Education

Title	Principal Investigator	Sponsor	Requested Amount
Common Core Academy at Rowan	Marjorie Madden	NJ Dept. of Education	\$ 323,454
NJ Achievement Coaches Content Development Program	Joy Xin	Camden County Technical School (Prime: NJ Department of Education)	\$ 36,000
Project LEAD: Literacy Enhancement for Adolescents with Disabilities	Sydney Kuder	U.S. Department of Education	\$ 1,583,382
Developing Adaptive Serious Social Skills	Sydney Kuder	U.S. Department of Health and	\$ 555,377
Reading, Writing, and Language Learning to Support Multilingual Learners	Janeann Bean-Folkes	Dollar General Literacy Foundation	\$ 3,750
A Longitudinal Investigation into Effective Teacher Intervention: Teaching Writing to 4th-6th grade Students	Janeann Bean-Folkes	Spencer Foundation	\$ 64,848

Teacher Education

Title	Principal Investigator	Sponsor	Requested Amount
Social Justice through Civic Engagement: The Pedagogic Experience of Elementary Teacher Candidates	Brianne Morettini	Spencer Foundation	\$ 50,000
Technical Assistance Request for Proposal	Kelley Perkins	NJ Department of Human Services	\$ 1,819,534

Henry M. Rowan College of Engineering South Jersey Technology Park Awards & Proposals

Henry M. Rowan College of Engineering and South Jersey Technology Park					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	3	\$ 117,214	3	\$ -	\$ 80,000
Biomedical Engineering	3	\$ 666,812	-	\$ -	\$ -
Chemical Engineering	8	\$ 1,585,605	5	\$ 66,624	\$ 266,717
Civil & Environmental Engineering	37	\$ 10,639,870	6	\$ 410,288	\$ 1,416,449
Electrical & Computer Engineering	9	\$ 2,294,735	2	\$ -	\$ 460,389
Mechanical Engineering	5	\$ 633,513	4	\$ 13,898	\$ 166,409
Total	65	\$ 15,937,749	20	\$ 490,810	\$ 2,389,964

Awards

Dean's Office

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Rowan College of Engineering Industrial Liaison Program	Anthony Lowman	Lockheed Martin	\$ 15,000	\$ -
Clinic Consortium	Anthony Lowman	Lockheed Martin	\$ 15,000	\$ -
Attracting Women to Engineering (AWE) and Rowan's Introduction for Students to Engineering (RISE)	Anthony Lowman	PSEG Nuclear, LLC	\$ 50,000	\$ -

Chemical Engineering

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Synthesis and Characterization of Bio-based Resins for the Development of Sustainable Polymers and Composites for DoD applications	Joseph Stanzione	Dept. of the Army	\$ 99,994	\$ 27,153
Biocompatible Plastics	Joseph Stanzione	Perma Pure	\$ 36,750	\$ 6,750
Perma Pure—SO2 Monitoring Experiments	Joseph Stanzione	Perma Pure	\$ 16,415	\$ 3,015
Sustainable P2 Design for Batch-based Specialty Chemical Manufacture	C. Stewart Slater	U.S. Environmental Protection Agency	\$ 90,383	\$ 25,449
Green Engineering Recovery & Reuse of Ni and NH3	Robert Hesketh	Johnson Matthey	\$ 23,175	\$ 4,257

Engineering / SJTP Awards Continued

Civil & Environmental Engineering

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Laser Scanning Aggregates for real time property identification	Beena Sukumaran	NJ Dept. of Transportation	\$ 163,918	\$ 33,802
NJARNG/Rowan University Energy Intern Program	Jess Everett	NJ Dept. of Military and Veteran Affairs	\$ 129,657	\$ 25,562
NJDMAVA Energy Audit Center	Jess Everett	NJ Dept. of Military and Veteran Affairs	\$ 51,094	\$ 14,616
Scholarships to Enhance the High-Tech Workforce of Southern New Jersey	Jess Everett	National Science Foundation	\$ 612,823	\$ 12,823
Risk analysis of autonomous vehicles in mixed traffic streams	Parth Bhavsar	Research Foundation of the City University of New York/U.S. DOT	\$ 79,960	\$ 24,815
HVS Evaluation of Flexible Overlays on Composite Pavement	Yusuf Mehta	NJ Department of Transportation	\$ 378,997	\$ 82,240

Electrical & Computer Engineering

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
MRI: Acquisition of a High Performance Computer (HPC) to Integrate Data Intensive Research and Education: bringing HPC to South Jersey	Nidhal Bouaynaya	National Science Foundation	\$ 397,024	\$ -
Advanced Study Institute: Challenges and Emerging Techniques in Cyber and Energy Infrastructure Security	Robi Polikar	NATO	\$ 63,365	\$ -

Mechanical Engineering

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
NASA Student Scholarship	Jennifer Kadlowec	National Aeronautics and Space Administration	\$ 15,000	\$ -
Using Bioengineering Scaffolds loaded with neurotrophins to enhance functional recovery after locomotor training in SCI animals	Anita Singh	NJ Dept. of Health and Senior Services	\$ 98,927	\$ 8,993
International/Improved understanding of the Erosion of A Glass	Anilchandra Attaluri	ARC International	\$ 9,282	\$ 1,705
Team-Based Projects to Improve Student Design Experience	Jennifer Kadlowec	National Institutes of Health	\$ 43,200	\$ 3,200

Engineering / SJTP Proposals

Dean's Office

Title	Principal Investigator	Sponsor	Requested Amount
Attracting Women to Engineering (AWE) and Rowan's Introduction for Students to Engineering (RISE)	Anthony Lowman	PSEG Nuclear	\$ 50,000
Rowan College of Engineering Industrial Liaison Program	Anthony Lowman	Lockheed Martin	\$ 15,000
AWE Program	Anthony Lowman	Cape Bank Charitable Foundation	\$ 52,214

Chemical Engineering

Title	Principal Investigator	Sponsor	Requested Amount
CAREER: Reverse Engineering Neuroregeneration: A Systems Biology Approach	Mary Staehle	National Science Foundation	\$ 543,226
Biocompatible Plastics	Joseph Stanzione	Perma Pure LLC	\$ 36,750
A Systems Biology Approach to Neuroregeneration in the Schmidtea mediterranea Planarian.	Mary Staehle	National Institutes of Health	\$ 419,522
Planaria as a high-throughput screening tool for assessing neurodevelopmental toxicity of BPA and BPA substitutes	Mary Staehle	National Institutes of Health	\$ 374,450
Helios LLC Three Dimensional Solar Panel	Kevin Dahm	Helios	\$ 67,500
Green Engineering Recovery & Reuse of Ni and NH3	Robert Hesketh	Johnson Matthey	\$ 23,175
SusChem: Biobased Platform for the Sustainable Molecular Design and Controlled Synthesis of Block Polymers from Renewable Feedstocks	Joseph Stanzione	University of Delaware (Prime: National Science Foundation)	\$ 37,017
Perma Pure - SO2 Monitoring Experiments	Joseph Stanzione	Perma Pure LLC	\$ 16,415
Helios LLC Three Dimensional Solar Panel	Kevin Dahm	Helios	\$ 67,550

Civil & Environmental Engineering

Title	Principal Investigator	Sponsor	Requested Amount
Scholarships to Enhance the High-Tech Workforce of Southern New Jersey	Jess Everett	National Science Foundation	\$ 612,823
NCHRP Synthesis 20-05/Use of Recycled Asphalt Pavement and Shingles	Yusuf Mehta	Research Foundation of the City University of New York	\$ 40,000
Evaluation of High RAP mixes for Tilcon	Yusuf Mehta	Tilcon	\$ 2,600
Pellet AR: A Feasible Alternative to conventional Asphalt Rubber (AR) mix	Yusuf Mehta	Earle Companies	\$ 15,000
Climate Program FY2015	Joseph Daraio	National Oceanic and Atmospheric Administration	\$ 66,897
Impact Assessment of Extreme Storm Events on Water Infrastructures of Camden & Hoboken, NJ	Rouzbeh Nazari	NJ Water Resources Research Institute	\$ 20,000
REDTED-Revolutionizing Engineering Diversity, Transforming Engineering Diversity	Beena Sukumaran	National Science Foundation	\$ 1,314,254
UTRC -R1 2015: Evaluation of Bio binders in Hot mix Asphalt	Yusuf Mehta	Research Foundation of the City University of New York	\$ 80,000
Validation of Transfer Functions in pavement ME for Pavement Rutting and Crackling Model Using LTPP	Yusuf Mehta	Research Foundation of the City University of New York	\$ 80,000
Two years after Sandy; Is our transportation system more resilient?	Rouzbeh Nazari	Research Foundation of the City University of New York	\$ 79,998

Engineering / SJTP Proposals Continued

Civil & Environmental Engineering (Continued)

Title	Principal Investigator	Sponsor	Requested Amount
Application of Remote Sensing Technologies in Non-destructive Testing and Assessment of the Transportation Infrastructures	Rouzbeh Nazari	Research Foundation of the City University of New York	\$ 23,502
Impact Assessment of Sea-level Rise and Extreme Storm Events on the Transportation Infrastructures of U.S. Northeast Applying Climate Models Scenarios	Rouzbeh Nazari	Transportation Research Board	\$ 348,542
Relating Asphalt Binder Fatigue Properties to Asphalt Mixture Fatigue Performance	Yusuf Mehta	Transportation Research Board	\$ 999,987
DURIP: Acquisition of Multifunctional Accelerated Weathering Chamber	Yusuf Mehta	U.S. Department of Defense	\$ 794,949
Development of an Advanced Multi-Scale Non-Invasive Thermal Technique for Landfill Monitoring and Fire Warning	Rouzbeh Nazari	U.S. Department of Agriculture	\$ 144,258
Using Schools to Pilot Community Based Air quality Data Collection and Dissemination for Public Health Awareness	Rouzbeh Nazari	U.S. Environmental Protection Agency	\$ 748,115
Heat Migration in Urban Environments	Rouzbeh Nazari	U.S. Environmental Protection Agency	\$ 15,018
Time-dependent Remote Sensing Analysis of Landfill Surface Temperatures for Fire Prevention	Rouzbeh Nazari	U.S. Environmental Protection Agency	\$ 15,000
Extreme Storm Effects /NJ Wastewater Plants	Rouzbeh Nazari	U.S. Environmental Protection Agency	\$ 15,000
NJ Pilot Program: Training & Technical Assistance to Improve Water Quality	Rouzbeh Nazari	U.S. Environmental Protection Agency	\$ 399,029
Ethanol-based foaming technology for future green pavements	Yusuf Mehta	Columbia University	\$ 173,744
Evaluation of Biobinders for Pavements	Yusuf Mehta	New York State Energy Research and Development Authority	\$ 499,834
Acquisition of Atomic Force Microscope with Nanoindenter for Research training and Education	Yusuf Mehta	National Science Foundation	\$ 1,101,437
Image-Based Methods to Measure Aggregate Characteristics for Asphalt Pavement Performance	Beena Sukumaran	NJ Department of Transportation	\$ 631,691
Analysis of Local Bus Markets	Parth Bhavsar	NJ Department of Transportation	\$ 395,695
Impacts of connected vehicles and automated vehicles on state and local transportation agencies	Parth Bhavsar	Transportation Research Board	\$ -
Integration of Satellite, Airborne, and Ground-Based Infrared Thermography of Landfills for Fire Warning and Monitoring	Rouzbeh Nazari	Environmental Research and Education Foundation	\$ 252,680
Extreme Precipitation projections and multi-model ensembles to assess potential impacts on flood frequency and storm water infrastructure in a changing climate in the Mid-Atlantic region of the US	Joseph Daraio	NJ Water Resources Research Institute	\$ 217,682
Transportation Data Analytics Cluster	Parth Bhavsar	Silicon Mechanics	\$ -
Image-Based Methods to Measure Aggregate Characteristics for Asphalt Pavement Performance	Beena Sukumaran	NJ Department of Transportation	\$ 631,691

Engineering / SJTP Proposals Continued

Civil & Environmental Engineering (Continued)

Title	Principal Investigator	Sponsor	Requested Amount
Rowan University Summer Transportation Institute (Rowan-STI)	Rouzbeh Nazari	NJ Department of Transportation	\$ 84,198
Analysis of Local Bus Markets	Parth Bhavsar	NJ Department of Transportation	\$ 395,258
Evaluation of the 90 minute rule as an acceptance criteria considering current concrete mix design technology and mix constituents	Douglas Cleary	American Concrete Institute	\$ 18,082
Framework for utilization of mobile data collection	Parth Bhavsar	New Jersey Institute of Technology	\$ 240,387
Safety and Environmental Impacts of Diverging Diamond Interchange	Parth Bhavsar	Research Foundation of the City University of New York	\$ 22,852
Managing the Highways of the 21st Century: A Hybrid on-line traffic management framework with vehicle	Parth Bhavsar	Research Foundation of the City University of New York	\$ 79,707
Risk analysis of autonomous vehicles in mixed traffic streams	Parth Bhavsar	Research Foundation of the City University of New York	\$ 79,960

Electrical & Computer Engineering

Title	Principal Investigator	Sponsor	Requested Amount
Collaborative Research: ABI Development Enabling consistent analysis of metagenomic data using a living framework for incremental learning	Robi Polikar	National Science Foundation	\$ 215,566
System for Warning and Annunciation to reduce Nosocomial Infections (SWANI)	John Schmalzel	Healthcare in Motion (HCI)	\$ 96,561
A Novel Framework for Constrained Nonlinear Non-Gaussian Dynamical Systems with Applications in Power Grids, Adaptive Learning and Control	Nidhal Bouaynaya	National Science Foundation	\$ 404,337
CIF: Small: RUI: Robust Speaker Recognition in the Presence of Noise and Coding Distortion	Ravi Ramachandran	National Science Foundation	\$ 272,229
Adaptive Serious Game System Enabling Personalized Problem-Based Learning with Cognitive and Metacognitive Strategies	Ying Tang	National Science Foundation	\$ 500,000
Theoretical and Algorithmic Foundations of Constrained Particle Filtering	Nidhal Bouaynaya	National Science Foundation	\$ 448,813

Engineering / SJTP Proposals Continued

Electrical & Computer Engineering (Continued)

Title	Principal Investigator	Sponsor	Requested Amount
CIF: Small: RUI: Robust Speaker Recognition in the Presence of Noise and Coding Distortion	Ravi Ramachandran	National Science Foundation	\$ 272,229
Theoretical and Algorithmic Foundations of Constrained Particle Filtering	Nidhal Bouaynaya	Simons Foundation	\$ 35,000
Plug-and Play Transducers and Actuators	John Schmalzel	National Instruments	\$ 50,000

Mechanical Engineering

Title	Principal Investigator	Sponsor	Requested Amount
RUI: "Green" Nano-on Protein Energy Harvesters	Wei Xue	National Science Foundation	\$ 299,231
International/Improved understanding of the Erosion of A Glass	Attaluri Anilchandra	ARC International	\$ 9,282
Transrectal Alternating Magnetic Field (TRAMF) Probe for Simultaneous Thermobrachytherapy	Attaluri Anilchandra	Prostate Cancer Foundation	\$ 225,000
Smart implants for bone-tissue engineering	Shivakumar Ranganathan	New Jersey Health Foundation, Inc.	\$ 50,000
Electronic Skin (E-skin) Patch for Monitoring Heart Rate and Respiration Rate	Wei Xue	New Jersey Health Foundation, Inc.	\$ 50,000

Biomedical Engineering

Title	Principal Investigator	Sponsor	Requested Amount
RUI: Continuous nanofiber manufacturing with real time "wet-stretching" for increased molecular organization and fiber performance	Vincent Beachley	National Science Foundation	\$ 299,853
Microarray Device for High-throughput Analysis of 3D Spheroid Culture	Vincent Beachley	New Jersey Health Foundation, Inc.	\$ 50,000
Microarray Embedding/Sectioning for High-throughput Analysis of 3D Tumor Models	Vincent Beachley	National Institutes of Health	\$ 316,959

College of Humanities & Social Sciences

Awards & Proposals

College of Humanities and Social Sciences					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Geography & Environment	4	\$ 311,364	8	\$ 54,965	\$ 488,057
Political Sciences & Economics	2	\$ 252,331	1	\$ -	\$ 27,500
English	1	\$ 200,000	-	\$ -	\$ -
Sociology	1	\$ 150,000	-	\$ -	\$ -
Hollybush Institute	1	\$ 14,296	1	\$ 918	\$ 12,400
Liberal Arts & Sciences Institute	1	\$ 300,000	1	\$ -	\$ 346,188
History	3	\$ 330,251	1	\$ -	\$ 32,650
Total	13	\$ 1,558,242	12	\$ 55,883	\$ 906,795

Awards

Geography & Environment

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Planning for Water quality Objectives	John Hasse	Salem County (EPA subaward)	\$ 139,000	\$ -
New Jersey Municipal Asset Profiler (NJ MAP)	John Hasse	The Geraldine R. Dodge Foundation	\$ 40,000	\$ -
Environmental Internship Program	Patrick Crumrine	NJ Dept. of Military and Veteran Affairs	\$ 67,364	\$ 13,754
National Guard GIS Internship Program	John Hasse	NJ Dept. of Military and Veteran Affairs	\$ 131,568	\$ 25,089
SADC – Study of Disturbances on Unpreserved Farms	John Hasse	NJ Dept. of Agriculture	\$ 7,333	\$ 2,169
New Jersey Land Conservation Blueprint	John Hasse	Nature Conservancy (Prime: William Penn Foundation)	\$ 45,000	\$ 4,091
Environmental Internship Program	Patrick Crumrine	NJ Dept. of Military and Veteran Affairs	\$ 56,942	\$ 9,610
SADC: Study of Disturbances on Unpreserved Farms	John Hasse	NJ Dept. of Agriculture	\$ 850	\$ 252

Political Sciences & Economics

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Network of Alliances for Geographic Education NJGA operations grant	Katrinka Somdahl-Sands	National Geographic Society Education Foundation	\$ 27,500	\$ -

Liberal Arts & Sciences Institute

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Early Intervention Program	DeMond Miller	NJ Dept. of Health and Senior Services	\$ 346,188	\$ -

History

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Megan M. Giordano Fellowship	William Carrigan	Gloucester County Parks & Recreation	\$ 32,650	\$ -

Hollybush Institute

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Influence of RCA on South Jersey-Oral History Project	Lawrence Markowitz	New Jersey Historical Commission	\$ 12,400	\$ 918

College of Humanities & Social Sciences Proposals

Geography & Environment

Title	Principal Investigator	Sponsor	Requested Amount
Planning for Water quality Objectives	John Hasse	Salem County (Prime: U.S. Environmental Protection Agency)	\$ 139,000
New Jersey Municipal Asset Profiler (NJ MAP)	John Hasse	The Geraldine R. Dodge Foundation	\$ 60,000
Environment Internship Program	Patrick Crumrine	NJ Department of Military and Veteran Affairs	\$ 67,364
New Jersey Land Conservation Blueprint	John Hasse	Nature Conservancy	\$ 45,000

Hollybush Institute

Title	Principal Investigator	Sponsor	Requested Amount
Influence of RCA on South Jersey-Oral History Project	Lawrence Markowitz	New Jersey Historical Commission	\$ 14,296

History

Title	Principal Investigator	Sponsor	Requested Amount
Megan M. Giodano Fellowship	William Carrigan	Gloucester County Parks & Recreation	\$ 32,650
Going Global: Strengthening International Studies and Asian Languages and Implementing Two New Majors at Rowan University	Corinne Blake	US Dept. of Education	\$ 177,601
Linking Schools & Bridging Cultures	William Carrigan	National Endowment for the Humanities	\$ 120,000

Liberal Arts & Science Institute

Title	Principal Investigator	Sponsor	Requested Amount
Early Intervention Program	DeMond Miller	NJ Dept. of Health & Senior Services	\$ 300,000

Pokitical Science & Economics

Title	Principal Investigator	Sponsor	Requested Amount
Geospatial Factors and the trafficking/Terrorism Nexus in Eurasia	Lawrence Markowitz	The University of Kansas (Prime: DoD)	\$ 224,831
NJ Geographic Alliance Operating Grant 2015-16	Katrinka Somdahl-Sands	National Geographic Society	\$ 27,500

English

Title	Principal Investigator	Sponsor	Requested Amount
The Public Knowledge Program of Rowan University	Dianne Garyantes	Wyncote Foundation	\$ 200,000

Sociology

Title	Principal Investigator	Sponsor	Requested Amount
Project Guardian	DeMond Miller	Camden County Police Department	\$ 150,000

College of Performing Arts Awards & Proposals

College of Performing Arts					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	1	\$ 10,000	1	\$ -	\$ 5,000
Music	3	\$ 296,000	1	\$ -	\$ 20,000
Total	4	\$ 306,000	2	\$ -	\$ 25,000

Awards

Dean's Office

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Arts Project Support	Melanie Stewart	NJ State Council on the Arts	\$ 5,000	\$ -

Music

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Frank & Lydia Bergen Scholarship Support	Richard Dammers	Frank and Lydia Bergen Foundation	\$ 20,000	\$ -

Proposals

Dean's Office

Title	Principal Investigator	Sponsor	Requested Amount
Mike Daisey Performance as part of Marie Rader Performing Arts series	Melanie Stewart	NJ State Council on the Arts	\$ 10,000

Music

Title	Principal Investigator	Sponsor	Requested Amount
Frank & Lydia Bergen Scholarship Support	Richard Dammers	Frank and Lydia Bergen Foundation	\$ 20,000
The Creation of the Rowan University Recording Studio	Mathieu Gendreau	Gladys Brooks Foundation	\$ 90,000
Pfleeger Hall Organ Renovation	Richard Dammers	Presser Foundation	\$ 186,000

College of Science & Mathematics

Awards & Proposals

College of Science & Mathematics					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	2	\$ 25,000	2	\$ -	\$ 25,000
Biological Sciences	3	\$ 1,158,803	1	\$ 47,062	\$ 149,782
Chemistry & Biochemistry	24	\$ 3,420,751	10	\$ 140,555	\$ 594,652
Computer Science	7	\$ 1,539,957	2	\$ 14,872	\$ 115,667
Mathematics	3	\$ 906,658	1	\$ 63,519	\$ 365,000
Physics & Astronomy	9	\$ 1,075,290	4	\$ 1,697	\$ 348,799
Psychology	9	\$ 2,016,728	4	\$ 69,935	\$ 501,840
Health & Exercise Science	9	\$ 677,967	3	\$ 6,415	\$ 46,600
Total	66	\$10,821,154	27	\$ 344,055	\$ 2,147,340

Awards

Dean's Office

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
NASA NJ Space Grant Community College Bridge Program at Rowan University	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 10,000	\$ -
NASA NJSG Rowan College of Science & Mathematics Summer Research Program	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 15,000	\$ -

Biological Sciences

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
RUI/SG: Phylogenetic Relationships of Archaic "Ungulates" and Their Implications for the Timing and Rate of Divergence of Placental Mammal Clades	Luke Holbrook	National Science Foundation	\$ 149,782	\$ 47,062

Chemistry & Biochemistry

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
RUI: Electrochemical, spectroscopic, thermodynamics, and computational investigations of hydrogen ions solvation in acidic ionic liquids-approach to high proton conductivity ionic liquid electrolytes	Lei Yu	National Science Foundation	\$ 250,000	\$ 77,587
Purification & Characterization of Urushiol	Catherine Yang	Allergy & Asthma of SJ Education & Research Foundation	\$ 7,000	\$ -
Synthesis of Pharmaceutical compounds	Subash Jonnalagadda	Avante Pharmaceuticals	\$ 66,750	\$ 6,750
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Sytheon, Ltd	\$ 13,252	\$ 2,486

College of Science & Mathematics

Awards Continued

Chemistry & Biochemistry (continued)

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Effects of heavy metal pollutants on the secondary metabolite content in Peruvian medicinal plants	Gustavo Moura-Letts	Syrsa Corporation	\$ 49,980	\$ 9,180
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Sytheon, Ltd	\$ 12,528	\$ 2,301
Preparation and Purification of Biologically Relevant Natural Products	Subash Jonnalagadda	Rosenberg Integrative Cancer Treatment & Research Institute	\$ 20,000	\$ 16,327
Purification & Characterization of Urushiol	Catherine Yang	Allergy & Asthma of SJ Education & Research Foundation	\$ 7,000	\$ -
Development of Novel Small Molecules as Potential Anti-Cancer Agents	Subash Jonnalagadda	Channel Therapeutics Inc.	\$ 158,142	\$ 24,087
Synthesis of Pharmaceutical compounds	Subash Jonnalagadda	Avante Pharmaceuticals	\$ 10,000	\$ 1,837

Computer Science

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Rowan CS4HS 2014 Research Intermediate Study	Jennifer Kay	Google	\$ 34,697	
Establishment of Perka First Data Rowan Computer Science Laboratory	Andrea Lobo	Perka, Inc	\$ 80,970	\$ 14,872

Physics & Astronomy

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
2015 Rowan Physics Summer Research Program	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 15,000	\$ -
Summer Undergraduate Research Fellowship (SURF) - at NIST Gaithersburg, MD	Xiao Hu	National Institute of Standards and Technology	\$ 24,559	\$ -
Platinum Group Materials (PGM)-based Thin Films and Coatings on metallic substrates	Jeffrey Hettinger	Johnson Matthey	\$ 9,240	\$ 1,697
PhysTEC Comprehensive Site at Rowan University	Karen Magee-Sauer	PhysTEC Coalition (Prime: National Science Foundation)	\$ 300,000	\$ -

Psychology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
BREATHE FREE: Smartphone Videogame-Based Incentives for Smoking Cessation	Bethany Raiff	Entertainment Science Playmatics JV (Prime: National Institutes of Health)	\$ 30,784	\$ 9,554
Distribution and Geographic variation of song in Atlantic seaside sparrows as indicators of saltmarsh quality	Gerald Hough	Nuttall Ornithological Club	\$ 1,250	\$ -
Game-based contingency management for smoking cessation	Bethany Raiff	National Institutes of Health	\$ 71,756	\$ 10,108
Using SMART Treatment Design to Evaluate Applied Behavior Analysis Interventions on Communication in Preschool Children with Autism	MaryLou Kerwin	The Governor's Council for Medical Research and Treatment of Autism	\$ 398,050	\$ 50,273

College of Science & Mathematics

Awards & Proposals

Mathematics

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Rowan Mathematics and Science Partnership Program	Karen Heinz	NJ Department of Education	\$ 365,000	\$ 63,519

Health & Exercise Science

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
GET FIT / Nutrition MI Way	Laurie DiRosa	Walmart Foundation	\$ 25,000	\$ 2,500
Get FIT @ School Fitness Toolkit	Leslie Spencer	Horizon Foundation of NJ	\$ 10,000	\$ 1,304
Parent/Teen Driving Orientation	Shari Willis	State Farm	\$ 11,600	\$ 2,611

Proposals

Dean's Office

Title	Principal Investigator	Sponsor	Requested Amount
NASA NJ Space Grant Community College Bridge Program at Rowan University	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 10,000
NASA NJSG Rowan College of Science & Mathematics Summer Research Program	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 15,000

Biological Sciences

Title	Principal Investigator	Sponsor	Requested Amount
CAREER: The complex response to hypoxia in <i>S. cerevisiae</i>	Mark Hickman	National Science Foundation	\$ 587,940
RUI/SG: Phylogenetic Relationships of "Archaic" Ungulates" and Their Implications for the Timing and Rate of Divergence of Placental Mammal Clades	Luke Holbrook	National Science Foundation	\$ 149,782
Signaling pathways that mediate the <i>S. cerevisiae</i> response to oxygen levels	Mark Hickman	National Institutes of Health	\$ 421,081

Chemistry and Biochemistry

Title	Principal Investigator	Sponsor	Requested Amount
CAREER: Understanding Structural Variations of Protein Unfolding in Aqueous Ionic Liquid Solutions	Timothy Vaden	National Science Foundation	\$ 459,768
Development of Novel Telomerase Inhibitors for the Treatment of Ovarian Cancer	Gustavo Moura-Letts	US Department of Defense	\$ 326,250
Novel Cycloisomerization Methods for the Stereoselective Synthesis of Complex Dihydropyran	Gustavo Moura-Letts	National Science Foundation	\$ 326,526

College of Science & Mathematics

Proposals Continued

Chemistry & Biochemistry (continued)

Title	Principal Investigator	Sponsor	Requested Amount
Solar Hydrogen Fuel: Optimizing the Band Gap in Titanium-Based Photoalytic Materials for Hydrogen Generation through Anionic Substitution	Amos Mugweru	National Science Foundation	\$ 350,997
Purification & Characterization of Urushiol	Catherine Yang	Allergy & Asthma of SJ Education and Research Foundation	\$ 7,000
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Sytheon Ltd.	\$ 13,252
Analysis of Energetic Compounds	Lei Yu	Salem Botanicals	\$ 1,037
Metabolite Peruvian Medicinal Plants	Gustavo Moura-Letts	Syrsa Corporation	\$ 49,980
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Sytheon Ltd.	\$ 12,527
Development of Novel Small Molecules as Potential Anti-Cancer Agents	Subash Jonnalagadda	Channel Therapeutics Inc	\$ 151,142
Preparation and Purification of Biologically Relevant Natural Products	Subash Jonnalagadda	Rosenberg Integrative Cancer Treatment Institute	\$ 20,000
Signaling mechanisms in VIBRIO Cholearae Parallel quorum sensing pathways	Lark Perez	Tufts University (Prime: National Institutes of Health)	\$ 141,578
Azulenylalanine-A novel probe for studies of pore forming proteins and peptides in membranes	Gregory Caputo	Syracuse University	\$ 124,326
Natural Product Inspired Bioactive Compounds from Cross-Coupling	Lark Perez	The National Academies	\$ 247,307
Inhibition of Pseudomonas aeruginosa Virulence	Lark Perez	National Institutes of Health	\$ 413,333
Silver Containing Thin Films as Antibacterial Coatings for Medical Devices	Gregory Caputo	National Institutes of Health	\$ 434,953
A Rutgers-Rowan cross collaboration research model to accelerate the fight against diabetes	Catherine Yang	Rowan-Rutgers Joint Board	\$ 10,600
Synthesis of Pharmaceutical Compounds	Subash Jonnalagadda	Avante Pharmaceuticals	\$ 10,000
New Generation of Peanut Allergy Vaccines for Delivery System Proven Effective for Poison Ivy	Catherine Yang	New Jersey Health Foundation, Inc.	\$ 50,000
Abuse liability and anti-addiction potential of the atypical mu opioid receptor agonist IBNtxA	Thomas Keck	National Institutes of Health	\$ 103,520
Food safety analysis & testing	Gregory Caputo	BASF Corporation	\$ 3,200
Thermal Studies of Hydrated Metal Oxides	Kandalam Ramanujachary	BlackLight Power Inc.	\$ 156,455
Purification & Characterization of Urushiol in Poison Ivy/Peanut Allergy Vaccine	Catherine Yang	Allergy Asthma of SJ Education	\$ 7,000
Peanut allergy vaccine for antigen presentation by precipitation	Catherine Yang	US Department of Defense	\$ -

College of Science & Mathematics

Proposals

Computer Science

Title	Principal Investigator	Sponsor	Requested Amount
Rowan CS4HS 2014 Research Extended Study	Jennifer Kay	Google Inc.	\$ 17,244
Rowan CS4HS 2014 Research Intermediate Study	Jennifer Kay	Google Inc.	\$ 34,697
Rowan CS4HS 2014 Research Basic Study	Jennifer Kay	Google Inc.	\$ 68,760
Rowan Academy of Mobile Programming (RAMP)	John Robinson	Google Inc.	\$ 48,612
Establishment of Perka First Data Rowan	Andrea Lobo	Perka, Inc.	\$ 80,970
CS-ACTION: Computer Science through Algebra and Computational Thinking Innovation and Opportunity Networks	Jennifer Kay	National Science Foundation	\$ 1,249,677
Enhancement of EDM software	Vasil Hnatyshin	Bristol-Myers Squibb	\$ 39,997

Mathematics

Title	Principal Investigator	Sponsor	Requested Amount
Collaborative Research: Multiple Hypothesis Testing Procedures with Applications to Genomics	Nasrine Bendjilali	National Science Foundation	\$ 317,316
Rowan Mathematics and Science Partnership Program (Rowan MSP)	Karen Heinz	NJ Department of Education	\$ 365,000
A Text Mining Course for Skills Development in Biomedical Big Data	Anthony Breitzman	National Science Foundation	\$ 224,342

Physics and Astronomy

Title	Principal Investigator	Sponsor	Requested Amount
PhysTEC Comprehensive Site at Rowan	Karen Magee-Sauer	PhysTEC Coalition	\$ 300,000
Unraveling the Structure-Function Relationships of Resilin by Joint Experimental-Computational Approaches	Xiao Hu	National Science Foundation	\$ 294,385
Quantitive chlorine detection in hydraulic fluids	Jeffrey Hettinger	Ana Laboratories Inc.	\$ 4,500
Preparation of porous carbide derived carbon and its Application in Electrochemical devices	Jeffrey Hettinger	American Chemical Society	\$ 70,000
2015 Rowan Physics Summer Research Program	Karen Magee-Sauer	NJ Space Grant Consortium (Prime: NASA)	\$ 15,000
MRI: Acquisition of an isothermal Titration calorimeter for multidisciplinary research, education, and training in southern New Jersey	Xiao Hu	National Science Foundation	\$ 103,695
(SURF) Summer Undergraduate Research Fellowship at NIST Gaithersburg	Xiao Hu	National Institute of Standards and Technology	\$ 85,500
(SURF) Summer Undergraduate Research Fellowship at NIST Boulder	Xiao Hu	National Institute of Standards and Technology	\$ 28,500
Toward Atomically Abrupt Interfaces and Cation-Ordering in Oxide Films via ALD	Samuel Lofland	Drexel University (Prime: Department of Defense)	\$ 173,710

College of Science & Mathematics

Proposals Continued

Psychology

Title	Principal Investigator	Sponsor	Requested Amount
Distribution and Geographic variation of song in Atlantic seaside sparrows as indicators of saltmarsh quality	Gerald Hough	Nuttall Ornithological Club	\$ 3,400
Investigations into Social-Cognitive factors of Creativity	Richard Hass	Drexel University College of Medicine (Prime: National Science Foundation)	\$ 58,513
Reaching Black Smokers: Feasibility of a Mobile Contingency Management Application	MaryLou Kerwin	National Institutes of Health	\$ 418,262
South Jersey Alliance for women in STEM: Pathways to Promotion	Bonnie Angelone	Rutgers, The State University of New Jersey (Prime: National Science Foundation)	\$ 105,000
Support Services for Children with Developmental Delays	MaryLou Kerwin	NJ Department of Children and Families	-
A Culturally competent Model to Prevent Childhood Obesity-Beyond the Clinic Walls	Roberta Dihoff	National Institutes of Health	\$ 325,758
Reaching Black Smokers: Feasibility of a Mobile Contingency Management Application	MaryLou Kerwin	National Institutes of Health	\$ 418,262
Using SMART Treatment Design to Evaluate Applied Behavior Analysis Interventions on Communication in Preschool Children with Autism	MaryLou Kerwin	NJ Governor's Council for Medical Research of Autism	\$ 398,050
Increasing Quality of Life for People Living with Spinal Cord Injuries: A Randomized Controlled Trial of Internet-based Mindfulness Meditation	Michelle Evans-Chase	Craig H Nielsen Foundation	\$ 289,483

Health & Exercise Science

Title	Principal Investigator	Sponsor	Requested Amount
Get FIT @ School Fitness Toolkit	Leslie Spencer	Horizon Foundation of NJ	\$ 13,252
Effect of an exercise and diet Intervention on developmentally disabled persons	Leslie Spencer	National Institutes of Health	\$ 365,675
Parent/Teen Driving Orientation	Shari Willis	State Farm	\$ 21,281
Building Motivational Strategies into all phase of a medical school curriculum to improve physician patient communications, patient compliance and outcomes	Leslie Spencer	Arthur Vining Davis Foundation	\$ 188,407
Get FIT: Fitness and Nutrition for Individuals with Intellectual and Developmental Disabilities and their Caregivers	Leslie Spencer	Wawa Foundation	\$ 2,500
GET FIT: Fitness & Nutrition Programs for people with IDD and their caregivers	Leslie Spencer	Modell's Sporting Goods Company	\$ 15,000
GET FIT: Fitness and Nutrition for People with IDD and their Caregivers	Leslie Spencer	Horizon Foundation of NJ	\$ 11,500
Nutrition My Way and GetFIT @ Rowan University	Laurie DiRosa	Walmart Foundation - State Program	\$ 30,360
Get FIT: Fitness and Nutrition for Individuals with Intellectual and Developmental Disabilities and their Caregivers	Leslie Spencer	Beneficial Bank Foundation	\$ 29,992

Cooper Medical School of Rowan University

Awards & Proposals

Cooper Medical School of Rowan University					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	3	\$2,322,251	3	\$ 45,478	\$ 633,895
Biomedical Sciences	10	\$2,398,141	4	\$ 99,982	\$ 372,165
OBGYN	1	\$ 503,789	-	\$ -	\$ -
Rheumatology	1	\$ 150,938	-	\$ -	\$ -
Psychiatry	1	\$1,246,291	-	\$ -	\$ -
Total	16	\$6,621,410	7	\$ 145,460	\$ 1,006,060

Awards

Dean's Office

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Academic Administrative Units in Primary Care	Nirandra Mahamitra	Health Resources and Services Administration	\$ 155,247	\$ 11,504
Post resuscitation PaCO2 and neurological outcome after cardiac arrest	Brian Roberts	National Institutes of Health	\$ 128,648	\$ 8,048
Educating future primary care providers for transforming health care systems	Annette Reboli	Health Resources and Services Administration	\$ 350,000	\$ 25,926

Biomedical Sciences

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Cocaine addiction and retrotransposons	Thomas Ferraro	University of Pennsylvania (Prime: National Institutes of Health)	\$ 29,674	\$ 9,209
B cells in Health and Disease, Project 4	Andrea Bottaro	Emory University (Prime: National Institutes of Health)	\$ 184,379	\$ 57,221
Prevention of Posterior Capsular Opacification	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000	\$ -
Development of P2X receptor pain therapeutic monoclonal antibodies	Michael O'Leary	Integral Molecular, Inc. (Prime: National Science Foundation)	\$ 108,112	\$ 33,552

Cooper Medical School of Rowan University Proposals

Dean's Office

Title	Principal Investigator	Sponsor	Requested Amount
Educating future primary care providers for transforming health care systems	Annette Reboli	Health Resources and Services Administration	\$ 1,750,000
Building Curriculum: Improving the Healthcare Workforce and Reducing Care Costs	Paul Katz	New Jersey Council of Teaching Hospitals	\$ 10,000
Cooper Medical School of Rowan University-Medscape Clinical Practice Transformation/SAN	Valerie Weil	Centers for Medicare & Medicaid Services	\$ 562,251

Biomedical Sciences

Title	Principal Investigator	Sponsor	Requested Amount
Prevention of Posterior Capsular Opacification	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000
Mobile DNA Elements and Neuronal Excitation	Thomas Ferraro	University of Pennsylvania (Prime: National Institutes of Health)	\$ 87,591
Benzodiazepine receptor ligands as analgesics	Bradford Fischer	Rita Allen Foundation	\$ 50,000
Lymphoid tissue stromal cells and inflammation	Andrea Bottaro	National Institutes of Health	\$ 403,478
Epigenetic Influences on Human Temporal Lobe Epilepsy	Russell Buono	National Institutes of Health	\$ 433,576
Targeting the Progenitors of Myofibroblasts for the Prevention of Posterior Capsular Opacification	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000
Myo/Nog Cell: Novel Mediators of Neuroprotection in Oxygen-Induced Retinopathy	Mindy George-Weinstein	National Institutes of Health	\$ 416,939
Temporal Lobe Epilepsy and Retrotransposons	Thomas Ferraro	University of Pennsylvania (Prime: National Institutes of Health)	\$ 86,991
Overcoming a critical obstacle to treating CPPD: Development of a small animal model	Charlene Williams	Medical College of Wisconsin	\$ 648,005
Studies on Rgs17 in morphine phenotypes in mice	Thomas Ferraro	University of Pennsylvania (Prime: National Institutes of Health)	\$ 171,561

Cooper Medical School of Rowan University

Proposals Continued

Psychiatry

Title	Principal Investigator	Sponsor	Requested Amount
Ketamine and Mindfulness Based Cognitive Therapy for Refractory Post Traumatic Stress Disorder: A Randomized Placebo Controlled Trial Examining Efficacy and Biomarkers	Basant Pradhan	Department of the Army	\$ 1,246,291

OBGYN

Title	Principal Investigator	Sponsor	Requested Amount
Defining maternal/fetal risks of a breast cancer diagnosis in pregnancy: psychosocial effects on the patient; behavioral/developmental outcomes on the children	Elyce Cardonick	Department of the Army	\$ 503,789

Rheumatology

Title	Principal Investigator	Sponsor	Requested Amount
Soluble CD27 in Pathogenesis of Systemic Lupus Erythematosus	Kwanghoon Han	National Institutes of Health	\$ 150,938

School of Osteopathic Medicine Awards & Proposals

School of Osteopathic Medicine					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
CARES Institute	3	\$ 1,281,749	5	\$ 22,351	\$ 2,996,220
Cell Biology	14	\$ 5,565,720	6	\$ 394,800	\$ 1,174,697
NJ Institute for Successful Aging	3	\$ 3,079,469	6	\$ 180,793	\$ 2,392,708
Obstetrics & Gynecology	-	\$ -	3	\$ 147,500	\$ 434,342
Rehabilitation Medicine	-	\$ -	6	\$ -	\$ 42,678
Pathology	1	\$ 309,070	1	\$ -	\$ 309,070
Psychiatry	3	\$ 584,834	5	\$ -	\$ 1,687,358
Surgery	3	\$ 492,968	-	\$ -	\$ -
Cardiology	4	\$ 137,531	2	\$ -	\$ 75,750
Molecular Biology	17	\$ 7,251,197	3	\$ 382,910	\$ 1,031,910
Academic Affairs	3	\$ 205,517	5	\$ -	\$ 221,078
General Internal Medicine	1	\$ -	5	\$ -	\$ 36,691
Total	52	\$ 18,908,055	47	\$ 1,128,354	\$ 10,402,502

Awards

CARES Institute

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY15 DCP&P Contract	Martin Finkel	NJ Department of Children and Family	\$ 2,898,078	\$ -
Improving Practice in Community-based Settings: A Randomized Trial of Supervision	Esther Deblinger	University of Washington (Prime: NIH)	\$ 44,612	\$ 16,554
Improving Practice in Community-based Settings: A Randomized Trial of Supervision	Esther Deblinger	University of Washington (Prime: NIH)	\$ 12,406	\$ 4,603
Wakefern-Interactive Educational Tool to Reduce Child Sexual Abuse	Esther Deblinger	Wakefern Foundation	\$ 25,000	\$ -
AGH Center for Traumatic Stress in Children and Adolescents	Esther Deblinger	Substance Abuse and Mental Health Services Administration	\$ 16,124	\$ 1,194

School of Osteopathic Medicine

Awards Continued

Cell Biology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Anti-Microbial Effects of Lipoxin A4	Kingsley Yin	Groff Foundation	\$ 21,002	\$ -
Monitoring Mechanisms in Mammalian Ribosome Biogenesis	Dimitri Pestov	National Institutes of Health	\$ 294,450	\$ 105,700
Stem Cell Therapy for Canavan Disease	Paola Leone	National Institutes of Health	\$ 477,000	\$ 177,000
Mechanisms of Transcription Initiation in Mitochondria	Dmitry Temiakov	National Institutes of Health	\$ 302,100	\$ 112,100
Mechanisms of Transcription Initiation in Mitochondria (supplement)	Dmitry Temiakov	National Institutes of Health	\$ 20,145	\$ -
Gene Therapy of Canavan Disease Using novel rAdeno Associated Virus	Paola Leone	Provectra	\$ 60,000	\$ -

NJ Institute for Successful Aging

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Interprofessional Geriatric Fellowship Program at RowanSOM	Anita Chopra	Health Resources and Services Administration	\$ 714,830	\$ -
New Jersey Geriatric Education Center	Anita Chopra	Health Resources and Services Administration	\$ 481,121	\$ 29,159
Model State-Supported Area Health Education Centers (NJ AHEC)	Elyse Perweiler	Health Resources and Services Administration	\$ 612,000	\$ 4,381
Social Capital and Resilience of Older People Exposed to Hurricane Sandy	Rachel Pruchno	Assistant Secretary for Preparedness & Response	\$ 313,220	\$ 116,226
Elan 201/251	Stephen Scheinthal	Janssen Pharmaceuticals	\$ 3,010	\$ -
Health Consequences of Disaster-Related Disruptions in Home and Community-Based Supports	Rachel Pruchno	Health Resources Services and Administration	\$ 268,527	\$ 31,027

Obstetrics & Gynecology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Fatty acids-mediated inflammation and ethnic disparity in pregnancy outcome	Xinhua Chen	National Institutes of Health	\$ 397,500	\$ 147,500
M12671	Keith Williams	AbbVie Inc	\$ 26,577	\$ -
M12821	Keith Williams	AbbVie Inc	\$ 10,265	\$ -

Pathology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Comprehensive Center for Huntington's Disease	Michael McCormack	NJ Dept. of Health and Senior Services	\$ 309,070	\$ -

School of Osteopathic Medicine

Awards Continued

Psychiatry

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Crisis Consultation and Community Outreach Program	Pamela Kane	NJ Dept of Human Services	\$ 374,690	\$ -
Psychiatric Services for Dually Diagnosed Persons	Pamela Kane	NJ Dept of Human Services	\$ 899,778	\$ -
Children's Mental Health - Intellectual Disability	Pamela Kane	NJ Dept of Children and Family	\$ 200,000	\$ -
HC11515	John O'Reardon	School of Psychiatry UNSW, Australia	\$ 15,000	\$ -
Psychological Services for Abused and Neglected Children	Pamela Kane	NJ Dept of Children and Family	\$ 197,890	\$ -

Cardiology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Cardiology Fellowship	Joanne Kaiser-Smith	St. Jude Medical Grant Program	\$ 40,000	\$ -
Cardiology fellowship	Joanne Kaiser-Smith	St. Jude Medical Grant Program	\$ 35,750	\$ -

Molecular Biology

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Stress regulated mitochondrial dynamics	Randy Strich	National Institutes of Health	\$ 318,000	\$ 118,000
Stress regulated mitochondrial dynamics (Year 2)	Randy Strich	National Institutes of Health	\$ 318,000	\$ 118,000
Stress induced signaling and cyclin C regulation in yeast	Katrina Cooper	National Institutes of Health	\$ 395,910	\$ 146,910

Academic Affairs

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Equal Opportunity Fund - SOM Pre-Med Summer PREP	Linda Boyd	NJ Higher Education	\$ 60,743	\$ -
Educational Opportunity Fund - SOM Prematriculation Program	Linda Boyd	NJ Higher Education	\$ 5,574	\$ -
Technology Improvement	Micki McIntyre	NJ Higher Education	\$ 9,987	\$ -
Educational Opportunity Fund - Graduate BioMedical 2016	Linda Boyd	NJ Higher Education	\$ 139,200	\$ -
Educational Opportunity Fund - SOM Prematriculation Program	Linda Boyd	NJ Higher Education	\$ 5,574	\$ -

Rehabilitation Medicine

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
ONU3074	Richard Jermyn	Purdue Pharma	\$ 14,583	\$ -
Ipsen 169	Richard Jermyn	Ipsen BioPharmaceuticals	\$ 14,272	\$ -
Ipsen 170	Richard Jermyn	Ipsen BioPharmaceuticals	\$ 3,753	\$ -
DS 309	Richard Jermyn	Daiichi Sankyo	\$ 5,900	\$ -
DS312	Richard Jermyn	Daiichi Sankyo	\$ 3,750	\$ -
MRZ3002	Richard Jermyn	Marz Pharmaceuticals	\$ 420	\$ -

School of Osteopathic Medicine Awards Continued & Proposals

General Internal Medicine

Title	Principal Investigator	Sponsor	Awarded Amount	Indirect Awarded
Tygris	Donald Barone	Biogen	\$ 4,627	\$ -
Stratify 2	Donald Barone	Biogen	\$ 6,033	\$ -
Premiere	Donald Barone	EMD Serono	\$ 4,750	\$ -
Esteem	Donald Barone	EMD Serono	\$ 10,910	\$ -
EMR	Donald Barone	EMD Serono	\$ 10,371	\$ -

Proposals

CARES Institute

Title	Principal Investigator	Sponsor	Requested Amount
Standardize and Improve Forensic Evaluations Conducted by DCP&P Contracted Providers & RDTCs Across the State of	Melissa Runyon	NJ Department of Children and Family	\$ 40,000
Training and Consultation on Trauma-Focused Cognitive	Esther Deblinger	Ocean County Department of	\$ 41,751
Request for Proposals for Regional Diagnostic Treatment Center Services - Cumberland, Gloucester, Salem, and Cape	Martin Finkel	NJ Department of Children and Families	\$ 1,199,998

Cell Biology

Title	Principal Investigator	Sponsor	Requested Amount
Ribosome turnover in Eukaryotes	Dimitri Pestov	National Science Foundation	\$ 185,240
Anti-inflammatory and Neuroprotective Action of Pro-Resolution Lipid Precursor (175-Hdha) After Traumatic Brain Injury	Bernd Spur	Rutgers, The State University of New Jersey	\$ 127,200
Administrative Supplement for "Mechanisms of transcription initiation in mitochondria"	Dmitry Temiakov	National Institutes of Health	\$ 20,145
Antimicrobial mechanisms of specialized pro-resolving lipid mediators	Kingsley Yin	Burroughs-Wellcome	\$ 121,967
Antimicrobial mechanisms of Lipoxin A4	Kingsley Yin	National Institutes of Health	\$ 477,000
Targeting NAA Metabolism for the Treatment of Neurodegenerative Disease	Jeremy Francis	National Institutes of Health	\$ 477,000
Mechanisms of transcription initiation in mitochondria	Dmitry Temiakov	National Institutes of Health	\$ 390,000
Antimicrobial Effects of Lipoxin A4	Kingsley Yin	New Jersey Health	\$ 44,418
Mitochondrial RNA polymerase as a novel target for antimicrobial drugs	Dmitry Temiakov	New Jersey Health Foundation, Inc.	\$ 50,000
Retinal Proteins as Preclinical Biomarkers for Detection and Diagnosis of Alzheimer's Disease	Venkateswar Venkataraman	New Jersey Health Foundation, Inc.	\$ 25,000
Student Summer Research Program at RowanSOM	Carl Hock	New Jersey Health Foundation, Inc.	\$ 25,000
Ribosome turnover in eukaryotes	Dimitri Pestov	National Institutes of Health	\$ 1,590,000
Replication-transcription switch in mitochondria	Dmitry Temiakov	National Institutes of Health	\$ 1,972,750
Gene Therapy of Canavan Disease Using novel rAdeno Associated Virus	Paola Leone	Provectra	\$ 60,000

School of Osteopathic Medicine

Proposals Continued

NJ Institute for Successful Aging

Title	Principal Investigator	Sponsor	Requested Amount
Effects of Hurricane Sandy on Functional Limitation Trajectories of Older People	Rachel Pruchno	National Institutes of Health	\$ 158,736
New Jersey Geriatrics Workforce Enhancement Program	Anita Chopra	Health Resources and Services Administration	\$ 850,000
Blood-based biomarkers for early-stage Parkinson's disease	Robert Nagele	National Institutes of Health	\$ 2,070,733

Pathology

Title	Principal Investigator	Sponsor	Requested Amount
Comprehensive Center for Huntington Disease	Michael McCormack	NJ Department of Health Senior Services	\$ 309,070

Surgery

Title	Principal Investigator	Sponsor	Requested Amount
Environmental Factors, Autism and Metabolomics	T. Peter Stein	National Institutes of Health	\$ 213,499
Interaction of BPA and Genetic Variants in modulating risk for ASD	T. Peter Stein	National Institutes of Health	\$ 79,476
Metabolic Perturbations with Autism Induced by Bisphenol A	T. Peter Stein	NJ Governor's Council for Medical Research of Autism	\$ 199,993

Psychiatry

Title	Principal Investigator	Sponsor	Requested Amount
Itch Relief by Transcranial Direct Current Stimulation Intervention	John O'Reardon	Temple University	\$ 12,254
Psychological Services for Abused and Neglected Children	Pamela Kane	NJ Department of Human Services	\$ 197,890
Crisis Consultation and Community Outreach Program	Pamela Kane	NJ Department of Human Services	\$ 374,690

Family Medicine

Title	Principal Investigator	Sponsor	Requested Amount
Geriatric Psychiatry CME	Joshua Coren	Takeda	\$ 5,000
Cardiovascular Fellowship Training Program	Joanne Kaiser-Smith	St. Jude Medical Grant Program	\$ 40,000
Trekking Poles to Aid Multiple Sclerosis Gait Impairment (TRAMS)	Donald Barone	Accorda Pharmaceuticals	\$ 92,531

General Internal Medicine

Title	Principal Investigator	Sponsor	Requested Amount
Long-term, multinational, parallel-cohort study monitoring safety in patients with MS newly started on fingolimod once daily or treated with another approved disease-modifying therapy	Donald Barone	Novartis Pharmaceuticals	\$ -

School of Osteopathic Medicine

Proposals Continued

Molecular Biology

Title	Principal Investigator	Sponsor	Requested Amount
Effects of Ethanol on TNF Induced Cytotoxicity	John Pastorino	National Institutes of Health	\$ 397,500
A systems approach to determining stress-activated mitochondrial/nuclear (MitoNuc) communication networks	Katrina Cooper	National Science Foundation	\$ 173,398
Evolution of Developmental Regulatory Pathways	Ronald Ellis	National Institutes of Health	\$ 397,500
Regulation of oocyte deaths by Cyclin C	Ronald Ellis	National Institutes of Health	\$ 278,250
Experimental evolutionary analysis of animal reproduction and genome size	Ronald Ellis	National Institutes of Health	\$ 783,200
Targeting Podoplanin to Prevent and Combat Oral Cancer	Gary Goldberg	National Institutes of Health	\$ 412,250
Control of Transcriptional Activation by the Nematode Gli Protein TRA-1	Shin-Yi Lin	National Institutes of Health	\$ 55,094
Control of Transcriptional Activation by the Nematode Gli Protein TRA-1	Shin-Yi Lin	NJ Commission on Cancer Research	\$ 50,000
Targeting Podoplanin to Prevent and Combat Oral Cancer	Gary Goldberg	National Institutes of Health	\$ 477,000
Translational Control of Mitochondrial Gene Expressions	Michael Henry	National Institutes of Health	\$ 477,000
Lysine methylation during differentiation	Michael Law	National Institutes of Health	\$ 390,505
Effects of Ethanol on TNF Induced Cytotoxicity	John Pastorino	National Institutes of Health	\$ 397,500
Coordinating nuclear and mitochondrial responses to oxidative stress	Randy Strich	National Institutes of Health	\$ 397,500
Making more MASL	Gary Goldberg	New Jersey Health Foundation, Inc.	\$ 50,000
Shepherd proteins to facilitate gene editing	Ronald Ellis	New Jersey Health Foundation, Inc.	\$ 50,000
Regulation of the Gli protein TRA-1 by co-factors	Ronald Ellis	National Institutes of Health	\$ 1,987,500
Targeting podoplanin to prevent and treat oral cancer	Gary Goldberg	National Institutes of Health	\$ 477,000

Academic Affairs

Title	Principal Investigator	Sponsor	Requested Amount
Rowan University School of Osteopathic Medicine Pre-Matriculation Program	Linda Boyd	New Jersey Higher Education	\$ 5,574
Educational Opportunity Fund - Graduate BioMedical 2016	Linda Boyd	New Jersey Higher Education	\$ 139,200
Rowan University School of Osteopathic Medicine Pre-Medical Research and Education Program (Summer PREP)	Linda Boyd	New Jersey Higher Education	\$ 60,743

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