

ANNUAL REPORT

2013-2014



OFFICE OF RESEARCH

OFFICE OF SPONSORED PROGRAMS

Table of Contents

Total External Funds Raised.....	4
Research Expenditures.....	5
Total Grant Activity	
•By Unit.....	6
•Awarded Sources.....	6
•New Jersey Sources.....	7
•Federal Sources.....	8
•Other Activity.....	9
Quarterly Comparison Data.....	10
Unit Comparison Data.....	11-12
Individual Unit Activity	
•Administration.....	13-14
•Camden Campus.....	15
•College of Communication and Creative Arts	16
•College of Education.....	17-18
•College of Engineering.....	19-20
•Engineering: South Jersey Technology Park.....	21-24
•College of Humanities and Social Sciences.....	25-26
•College of Performing Arts.....	27
•College of Science & Mathematics.....	28-32
•Cooper Medical School of Rowan University.....	33-34
•School of Osteopathic Medicine.....	35-39

Executive Summary

This Annual Report from the Research Office/Office of Sponsored Programs lists all proposals submitted and awards received during FY-2014 for the Glassboro, Camden, Stratford campuses and the South Jersey Technology Park. During FY-2014, the Office of Sponsored Programs processed grant awards exceeding **\$25.5M**-nearly triple the awards received in FY-2012 and more than double the awards received in FY-2013. The Glassboro campus alone has tripled in annual award totals. These awards include grants and contracts from government and industry.

The Office of Corporate and Foundation Relations within University Advancement received an additional **\$3.3M** in grant funding from individuals, corporations and foundations to support faculty scholarly and service activities. **In FY-2014, Rowan University faculty and staff raised a total of \$28.8M for sponsored programs and projects.**

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

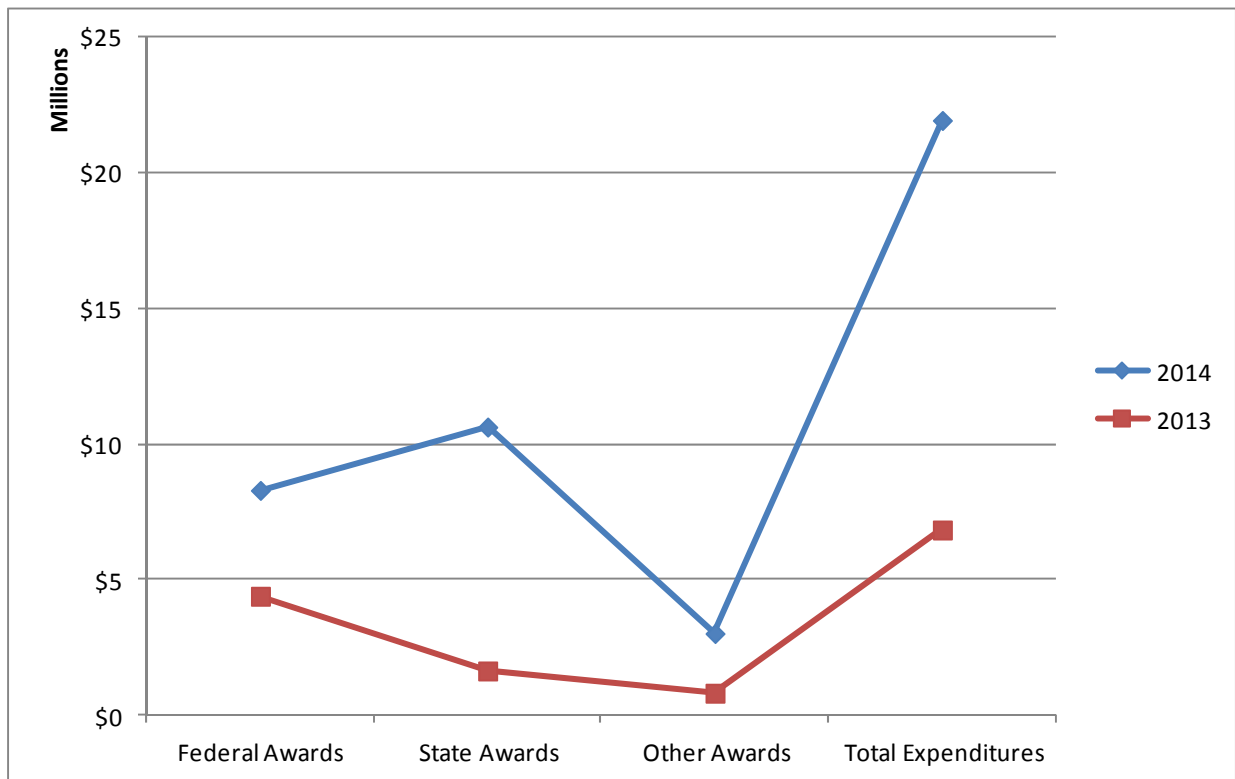
Dr. Kenneth Blank
Sr. Vice President for Health Sciences

Total External Funds Raised

Unit	Office of Sponsored Programs	University Advancement	Department
Administration	\$ 90,010	\$ -	Healthy Campus Initiatives
	\$ 3,902,841	\$ -	Institutional Effectiveness, Research, & Planning
	\$ -	\$ 3,046,275	Provost's Office
	\$ 20,000	\$ -	Library
	\$ 1,159,015	\$ -	Educational Opportunity Fund
Camden Campus	\$ 1,948,548	\$ -	C.H.A.M.P./Gear-Up
	\$ 5,000	\$ -	Dean's Office
	\$ 250,000	\$ -	Upward Bound
	\$ -	\$ 15,000	ESL
	\$ 447,360	\$ -	Educational Opportunity Fund
Communication and Creative Arts	\$ -	\$ 18,000	Art Gallery
	\$ -	\$ 2,000	Art
	\$ 16,000	\$ -	Radio/TV/Film
Cooper Medical School	\$ 171,471	\$ -	Dean's Office
	\$ 251,357	\$ -	Biomedical Sciences
Performing Arts	\$ -	\$ 5,000	Dance
Education	\$ 478,499	\$ -	Dean's Office
	\$ 338,254	\$ -	Language, Literacy & Special Ed
	\$ 18,000	\$ 93,175	Health & Exercise Science
	\$ 239,790	\$ 50,000	Educational Svcs, Admin & Higher Education
Engineering	\$ 48,399	\$ -	Dean's Office
	\$ 383,433	\$ -	Chemical Engineering
	\$ 184,889	\$ -	Civil and Environmental Engineering
	\$ 14,000	\$ -	Mechanical Engineering
Engineering: South Jersey Technology Park	\$ 1,415,189	\$ -	Civil and Environmental Engineering
	\$ 398,529	\$ -	Electrical and Computer Engineering
	\$ 268,251	\$ -	Mechanical Engineering
Science and Mathematics	\$ 3,000	\$ -	Dean's Office
	\$ 78,794	\$ -	Biological Sciences
	\$ 383,420	\$ -	Chemistry & Biochemistry
	\$ 120,545	\$ 35,000	Computer Science
	\$ 366,600	\$ -	Mathematics
	\$ 335,555	\$ -	Physics and Astronomy
	\$ 418,480	\$ -	Psychology
Humanities and Social Sciences	\$ 300,000	\$ -	Sociology
	\$ 32,650	\$ -	History
	\$ 422,046	\$ 40,000	Geography & Environment
School of Osteopathic Medicine	\$ 2,431,618	\$ -	CARES Institute
	\$ 591,709	\$ -	Cell Biology
	\$ 1,918,938	\$ -	Family Medicine
	\$ 3,070,645	\$ -	NJ Institute for Successful Aging
	\$ 795,000	\$ -	Obstetrics & Gynecology
	\$ 43,457	\$ -	Osteopathic Manipulative Medicine
	\$ 309,070	\$ -	Pathology
	\$ 1,672,358	\$ -	Psychiatry
	\$ 199,796	\$ -	Surgery
\$ 28,846,984	\$ 25,542,534	\$ 3,304,450	

Research Expenditures

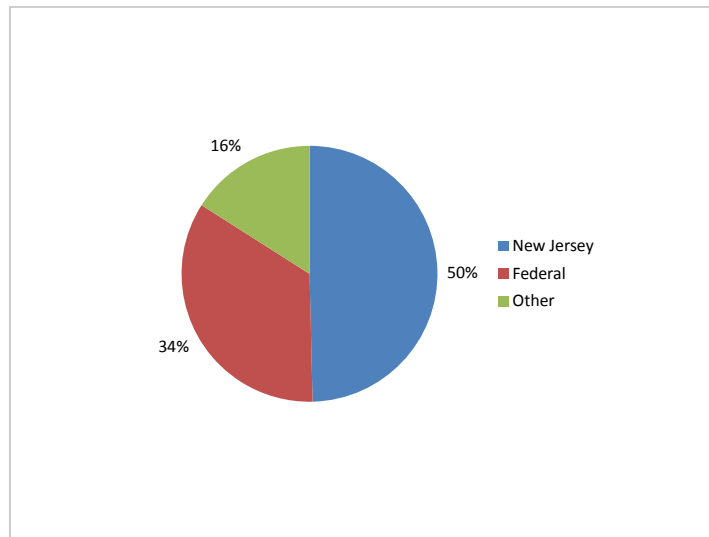
	2014 Expenditures	2013 Expenditures	Comparison
Federal Awards	\$ 8,295,444.95	\$ 4,390,315.02	\$ 3,905,129.93
State Awards	\$ 10,632,342.14	\$ 1,634,090.85	\$ 8,998,251.29
Other Awards	\$ 3,015,358.65	\$ 813,184.01	\$ 2,202,174.64
Total Expenditures	\$ 21,943,145.74	\$ 6,837,589.88	\$ 15,105,555.86



Total Grant Activity

Unit	PROPOSALS		AWARDS				
	#	Amount	#	Indirect	Award Totals		
Administration	16	\$ 9,147,394	11	\$ 379,632	\$ 8,218,141		
Camden Campus	12	\$ 2,428,301	10	\$ 105,556	\$ 2,665,908		
Rohrer College of Business	1	\$ 50,000	-	\$ -	\$ -		
College of Education	19	\$ 2,192,187	10	\$ 74,184	\$ 1,217,718		
College of Engineering	21	\$ 3,016,040	12	\$ 160,587	\$ 630,721		
Engineering: South Jersey Technology Park	29	\$ 6,220,343	23	\$ 446,082	\$ 2,081,969		
College of Science and Mathematics	41	\$11,808,912	20	\$ 202,361	\$ 1,741,394		
College of Communication and Creative Arts	6	\$ 55,500	4	\$ 4,732	\$ 36,000		
College of Humanities and Social Sciences	12	\$ 715,243	9	\$ 93,972	\$ 794,696		
Cooper Medical School of Rowan University	14	\$ 2,794,828	6	\$ 70,652	\$ 422,846		
College of Performing Arts	2	\$ 17,300	1	\$ -	\$ 5,000		
School of Osteopathic Medicine	58	\$25,517,092	26	\$1,203,145	\$ 11,032,591		
TOTAL			231	\$63,963,140	132	\$2,740,903	\$ 28,846,984

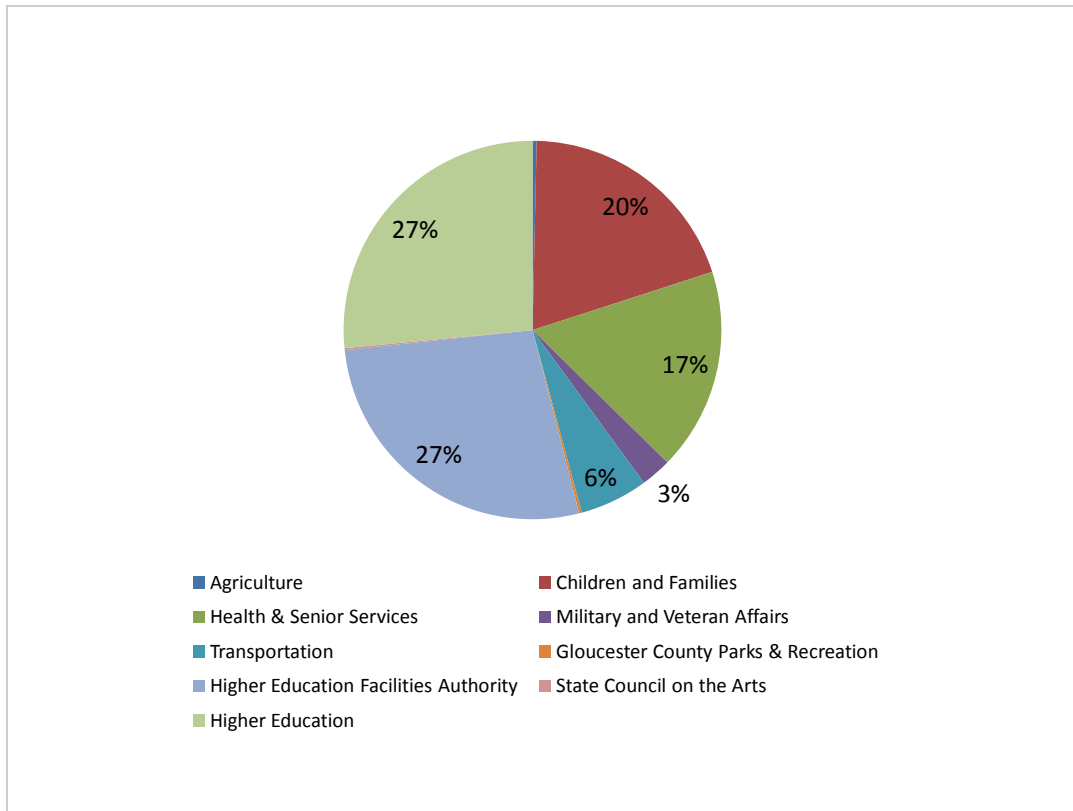
All Funding Sources



Awarded Sources	Number	Amount
New Jersey	40	\$ 14,302,935
Federal	55	\$ 9,915,503
Other	37	\$ 4,628,546
Total	132	\$ 28,846,984

New Jersey Sponsored Grant Activity

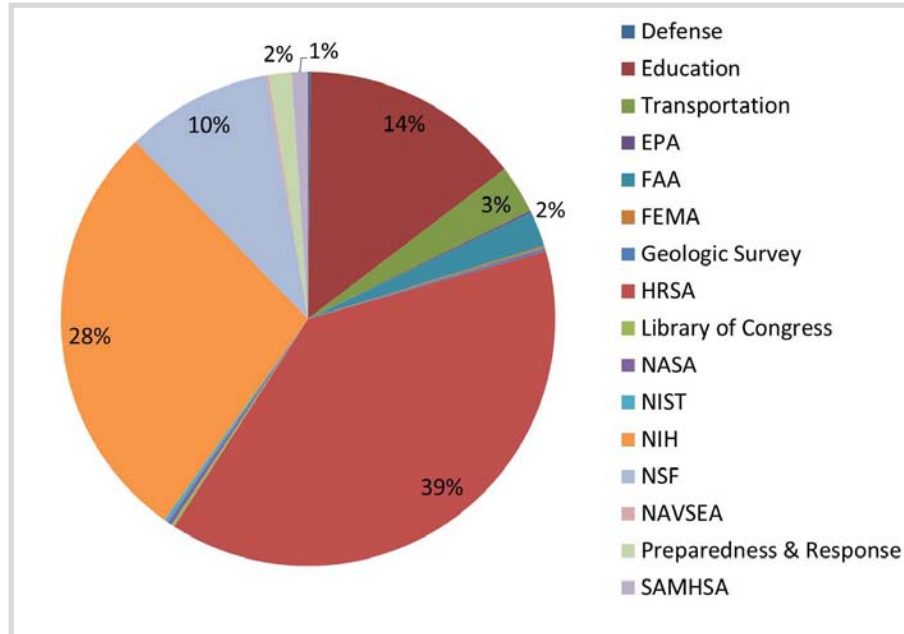
New Jersey Funding Sources



New Jersey Sponsors	Number	Amount
Department of Agriculture	2	\$ 50,320
Department of Children & Families	3	\$ 2,813,384
Department of Health & Senior Services	6	\$ 2,477,538
Department of Military and Veteran Affairs	5	\$ 374,387
Department of Transportation	4	\$ 834,352
NJ State Council on the Arts	2	\$ 23,000
Gloucester County Parks & Recreation	1	\$ 32,650
Higher Education Facilities Authority	7	\$ 3,902,841
New Jersey Higher Education	10	\$ 3,794,463
Total	40	\$ 14,302,935

Federally Sponsored Grant Activity

Federal Funding Sources



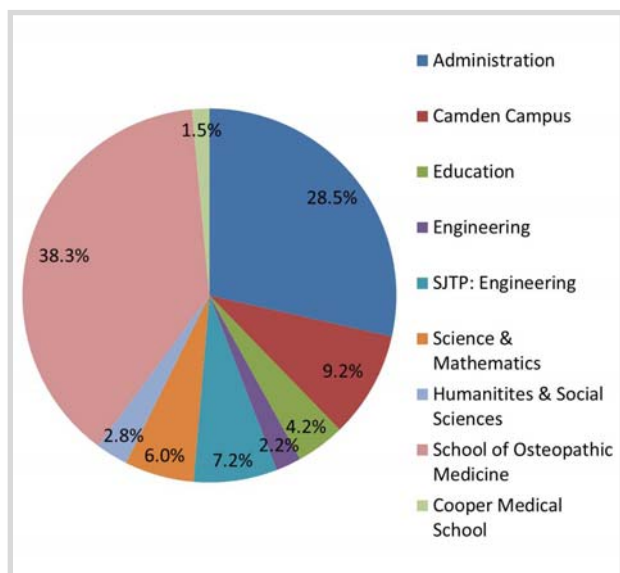
Federal Sponsors	Number	Amount
Department of Defense	1	\$ 15,000
Department of Education	5	\$ 1,436,353
Department of Transportation	4	\$ 312,984
Environmental Protection Agency	1	\$ 14,613
Federal Aviation Administration	3	\$ 225,749
Federal Emergency Management Agency	2	\$ 16,000
Geological Survey	1	\$ 20,000
Health Resources and Services Administration	8	\$ 3,820,479
Library of Congress	1	\$ 20,000
National Aeronautics and Space Administration	3	\$ 30,000
National Institute for Standards and Technology	1	\$ 25,555
National Institutes of Health	15	\$ 2,759,874
National Science Foundation	6	\$ 945,996
Naval Sea Systems Command	1	\$ 17,760
Office of the Assistant Secretary for Preparedness and Response	1	\$ 149,006
Substance Abuse and Mental Health Services Administration	2	\$ 106,134
Total	55	\$ 9,915,503

Other Activity

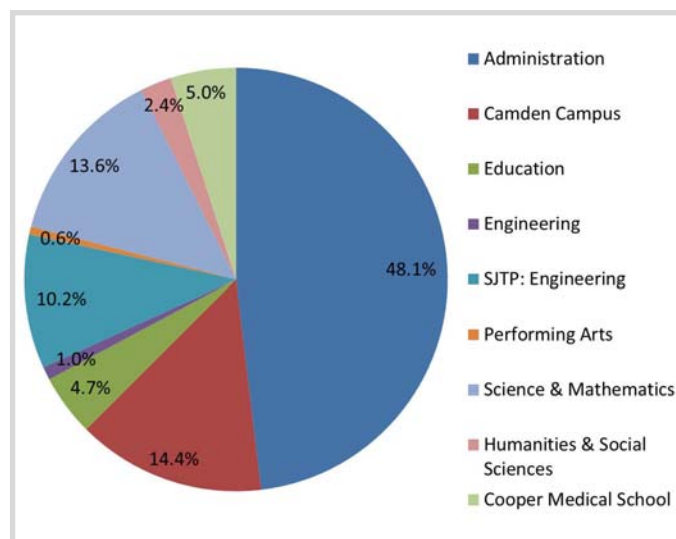
Other	Number	Amount
Aetna Foundation	1	\$ 10,000
American Chemical Society	1	\$ 55,000
American Osteopathic Association	2	\$ 48,457
Armadillo Noise & Vibration Ltd.	2	\$ 23,715
AT&T Foundation	1	\$ 50,000
Avante Pharmaceuticals	1	\$ 34,300
Bristol-Myers Squibb	1	\$ 40,000
Christiana Care Health Services, Inc.	1	\$ 14,000
Delta Dental	1	\$ 2,000
Horizon Foundation of NJ	1	\$ 30,000
Geraldine R. Dodge Foundation	1	\$ 40,000
Google	1	\$ 35,000
Lanix Corporation	1	\$ 99,656
Mission Solutions Engineering	1	\$ 40,545
National Association of School Psychologists	1	\$ 22,000
National Geographic Society Foundation	2	\$ 116,965
Natreon, Inc.	2	\$ 183,979
Neo-Matrix, LLC	1	\$ 15,000
New Jersey Education Association	1	\$ 5,000
Osteopathic Heritage Foundation	1	\$ 267,100
PSEG Nuclear, LLC	1	\$ 7,260
Purdue Pharma, LLC	1	\$ 10,000
Reynolds Foundation	1	\$ 249,724
Richard S. Burns and Company, Inc.	1	\$ 800
Robert Wood Johnson Foundation	1	\$ 3,046,275
Sharpe-Strumia Research Foundation	1	\$ 50,000
South State Inc.	1	\$ 3,800
SRA International	1	\$ 47,310
State Farm	1	\$ 18,175
Syntheon, Ltd.	1	\$ 10,485
Target Foundation	1	\$ 2,000
Td Bank, N.A.	1	\$ 15,000
Walmart Foundation	1	\$ 35,000
TOTAL	36	\$ 4,628,546

Unit Comparison Data

FY 14 Percentage of Awards by Unit



FY 13 Percentage of Awards by Unit



Units	Percentage of Total Awards		Percentage of Total Proposals	
	FY14	FY13	FY14	FY13
Administration	28.5%	48.1%	14.3%	5.6%
Camden Campus	9.2%	14.4%	3.8%	11.6%
Rohrer College of Business	0.0%	0.0%	0.1%	0.1%
College of Communication & Creative Arts	0.0%	0.0%	0.1%	0.8%
College of Education	4.2%	4.7%	3.4%	4.9%
College of Engineering	2.2%	1.0%	4.7%	1.6%
Engineering: South Jersey Technology Park	7.2%	10.2%	9.7%	22.7%
College of Performing Arts	0.0%	0.6%	0.0%	0.2%
College of Science & Mathematics	6.0%	13.6%	18.5%	33.3%
College of Humanities and Social Sciences	2.8%	2.4%	1.1%	5.5%
School of Osteopathic Medicine	38.3%	N/A	39.9%	N/A
Cooper Medical School of Rowan University	1.5%	5.0%	4.4%	13.7%
Total	100.0%	100.0%	100.0%	100.0%

Unit Comparison Data

UNITS	AWARDS		PROPOSALS	
	FY14	FY13	FY14	FY13
Administration	11 \$8,218,141	9 \$6,067,724	16 \$9,147,394	9 \$1,312,620
Camden Campus	10 \$2,665,908	10 \$1,811,569	12 \$2,428,301	14 \$2,721,216
Rohrer College of Business	0 \$0	0 \$0	1 \$50,000	3 \$32,000
College of Communication & Creative Arts	4 \$36,000	1 \$2,790	6 \$55,500	5 \$183,538
College of Education	10 \$1,217,718	6 \$594,796	19 \$2,192,187	14 \$1,149,004
College of Engineering	12 \$630,721	10 \$130,168	21 \$3,016,040	11 \$362,712
Engineering: South Jersey Technology Park	23 \$2,081,969	15 \$1,283,119	29 \$6,220,343	29 \$5,320,356
College of Science & Mathematics	20 \$1,741,394	29 \$1,709,996	41 \$11,808,912	49 \$7,778,473
College of Humanities and Social Sciences	9 \$794,696	9 \$299,174	12 \$715,243	18 \$1,274,970
School of Osteopathic Medicine	26 \$11,032,591	N/A	58 \$25,517,092	N/A
Cooper Medical School of Rowan University	6 \$422,846	3 \$630,927	14 \$2,794,828	10 \$3,207,634
College of Performing Arts	1 \$5,000	2 \$77,000	2 \$17,300	3 \$46,450
Total Number	132	94	231	165
Total Amount	\$28,846,984	\$12,607,263	\$63,963,140	\$23,388,973

Administration Awards & Proposals

Administration					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Healthy Campus Initiatives	-	\$ -	1	\$ 26,623	\$ 90,010
Educational Opportunity Fund	2	\$ 1,179,052	1	\$ -	\$ 1,159,015
Provost's Office	1	\$ 3,046,273	1	\$ 326,386	\$ 3,046,275
Student Affairs	2	\$ 10,000			
Institutional Effectiveness, Research & Planning	9	\$ 4,873,869	7	\$ -	\$ 3,902,841
University Library Services	1	\$ 20,000	1	\$ -	\$ 20,000
Public Safety	1	\$ 18,200	-	\$ -	\$ -
Total	16	\$ 9,147,394	11	\$ 353,009	\$ 8,218,141

Awards

Healthy Campus Initiatives

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Campus Suicide Prevention	Allison Pearce	U.S. Substance Abuse and Mental Health Services	\$ 90,010	\$ 26,623

Educational Opportunity Fund

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY15 EOF	Penny McPherson-Barnes	NJ Higher Education	\$ 1,159,015	\$ -

Provost's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Supporting Development of Health Care Research and Education Programs in Southern New Jersey	Roberta Harvey	Robert Wood Johnson Foundation	\$ 3,046,275	\$ 326,386

Institutional Effectiveness, Research & Planning

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
CAVE Technology	Mira Hand	NJ Higher Education Facilities Authority	\$ 978,161	\$ -
Banner Upgrade	Mira Hand	NJ Higher Education Facilities Authority	\$ 468,575	\$ -
Upgrade of Technology-Enhanced Classrooms	Mira Hand	NJ Higher Education Facilities Authority	\$ 101,060	\$ -
Blackboard Swipe Card System	Mira Hand	NJ Higher Education Facilities Authority	\$ 1,280,000	\$ -
Dark Fiber Network Upgrade	Mira Hand	NJ Higher Education Facilities Authority	\$ 464,186	\$ -
Data Warehouse	Mira Hand	NJ Higher Education Facilities Authority	\$ 260,859	\$ -
Website Rebuild	Mira Hand	NJ Higher Education Facilities Authority	\$ 350,000	\$ -

University Library Services

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Lesson Designs for Teaching	Michelle Kowalsky	Waynesburg University (Prime: Library of Congress)	\$ 20,000	\$ -

Administration Proposals

Educational Opportunity Fund

Title	Project Investigator	Sponsor	Requested Amount
FY15 EOF Program - Main Campus	Penny McPherson-Barnes	New Jersey Higher Education	\$ 1,159,015
STEM Academy at Rowan (STAR)	Gardy Guiteau	Max & Victoria Dreyfus Foundation	\$ 20,037

Provost's Office

Title	Project Investigator	Sponsor	Requested Amount
Development of Health Care Research and Ed Programs	Roberta Harvey	Robert Wood Johnson Foundation	\$ 3,046,273

Student Affairs

Title	Project Investigator	Sponsor	Requested Amount
College Prep-Students with Disabilities	John Woodruff	The Frank S. Flowers Foundation	\$ 5,000
Typhoon Haiyan Relief Project	Richard Jones	Susquehanna Bank	\$ 5,000

Public Safety

Title	Project Investigator	Sponsor	Requested Amount
Yield to Pedestrians in Crosswalks Program	Michael Fitzgibbons	NJ Dept. of Law and Public Safety	\$ 18,200

Office of Institutional Effectiveness, Research & Planning

Title	Project Investigator	Sponsor	Requested Amount
CAVE Technology	Mira Hand	NJ Higher Education Facilities Authority	\$ 978,161
Banner Upgrade	Mira Hand	NJ Higher Education Facilities Authority	\$ 468,575
Upgrade of Technology-Enhanced Classrooms	Mira Hand	NJ Higher Education Facilities Authority	\$ 101,060
Blackboard Swipe Card System	Mira Hand	NJ Higher Education Facilities Authority	\$ 1,280,000
Dark Fiber Network Upgrade	Mira Hand	NJ Higher Education Facilities Authority	\$ 578,964
Data Warehouse	Mira Hand	NJ Higher Education Facilities Authority	\$ 260,859
Data Storage Upgrade	Mira Hand	NJ Higher Education Facilities Authority	\$ 750,000
VOIP	Mira Hand	NJ Higher Education Facilities Authority	\$ 106,250
Website Rebuild	Mira Hand	NJ Higher Education Facilities Authority	\$ 350,000

Library Services

Title	Project Investigator	Sponsor	Requested Amount
Lesson Designs for Teaching with Primary Sources	Michelle Kowalsky	Waynesburg University	\$ 20,000

Camden Campus Awards & Proposals

Camden Campus					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
GEAR-UP	9	\$ 1,953,341	6	\$ 87,037	\$ 1,948,548
Upward Bound	-	\$ -	1	\$ 18,519	\$ 250,000
ESL	1	\$ 22,600	1	\$ -	\$ 15,000
Dean's Office	1	\$ 5,000	1	\$ -	\$ 5,000
Educational Opportunity Fund	1	\$ 447,360	1	\$ -	\$ 447,360
Total	12	\$ 2,428,301	10	\$ 105,556	\$ 2,665,908

Awards

GEAR-UP

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY14 GEAR UP Program	Tyrone McCombs	New Jersey Higher Education	\$ 945,200	\$ 41,365
GEAR UP Technology Grant	Tyrone McCombs	New Jersey Higher Education	\$ 22,623	\$ 1,676
2014 NCCEP/GEAR UP Capacity Building Workshops	Tyrone McCombs	New Jersey Higher Education	\$ 23,619	\$ 1,749
C.H.A.M.P./GEAR UP Statewide Academic Showcase	Tyrone McCombs	New Jersey Higher Education	\$ 4,277	\$ 317
GEAR UP Spring Mentor Activity	Tyrone McCombs	New Jersey Higher Education	\$ 7,629	\$ 565
FY15 GEAR UP/College Bound	Tyrone McCombs	New Jersey Higher Education	\$ 945,200	\$ 41,365

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Rowan Urban Teacher Academy	Lorraine Ricchezza	The College of New Jersey (Prime: National Education Association)	\$ 5,000	\$ -

ESL

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Camden English ESL Program	Jackie McCafferty	TD Bank, NA	\$ 15,000	\$ -

Upward Bound

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Upward Bound for ELL	Margarita Olivencia	USDOE	\$ 250,000	\$ 18,519

Educational Opportunity Fund

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
EOF FY 15 - Camden Campus	Donavan McCargo	New Jersey Higher Education	\$ 447,360	\$ -

Camden Campus Proposals

GEAR UP

Title	Project Investigator	Sponsor	Requested Amount
FY14 GEAR UP Program	Tyrone McCombs	New Jersey Higher Education	\$ 558,429
FY 14 C.H.A.M.P. Program	Tyrone McCombs	New Jersey Higher Education	\$ 386,771
NJ GEAR UP State Project Technology Activity Grant	Tyrone McCombs	New Jersey Higher Education	\$ 22,623
C.H.A.M.P./ GEAR UP Statewide Academic Showcase	Tyrone McCombs	New Jersey Higher Education	\$ 4,277
2014 NCCEP/GEAR UP Capacity Building Workshop	Tyrone McCombs	New Jersey Higher Education	\$ 23,619
FY15 GEAR UP Program	Tyrone McCombs	New Jersey Higher Education	\$ 558,429
FY15 C.H.A.M.P. Program	Tyrone McCombs	New Jersey Higher Education	\$ 386,771
2014 NCCEP/GEAR UP Conference	Tyrone McCombs	New Jersey Higher Education	\$ 4,793
GEAR UP Spring 2014 Mentor Activity Grant	Tyrone McCombs	New Jersey Higher Education	\$ 7,629

Educational Opportunity Fund

Title	Project Investigator	Sponsor	Requested Amount
FY15 EOF Program	Donavan McCargo	New Jersey Higher Education	\$ 447,360

ESL

Title	Project Investigator	Sponsor	Requested Amount
Camden English ESL Program	Jackie McCafferty	TD Bank, NA	\$ 22,600

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
Rowan Urban Teacher Academy	Lorraine Ricchezza	The College of New Jersey	\$ 5,000

Rohrer College of Business Awards & Proposals

Rohrer College of Business					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	1	\$ 50,000	-	\$ -	\$ -
Total	1	\$ 50,000	-	\$ -	\$ -

Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
Rowan V.E.T. Program	Dan McFarland	Blackstone Charitable Foundation	\$ 50,000

College of Communication & Creative Arts

Awards & Proposals

Administration					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Art Gallery	3	\$ 31,000	1	\$ -	\$ 18,000
Dean's Office	1	\$ 7,500			
Art Department	1	\$ 2,000	1	\$ -	\$ 2,000
Radio/TV/Film	1	\$ 15,000	2	\$ 4,732	\$ 16,000
Total	6	\$ 55,500	4	\$ 4,732	\$ 36,000

Awards

Art Gallery

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Art Gallery Expenses	Mary Salvante	NJ State Council on the Arts	\$ 18,000	\$ -

Art Department

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
SmART	Jane Graziano	Target Foundation	\$ 2,000	\$ -

Radio/TV/Film

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Docu-drama to create awareness of fire safety in off-campus college housing and settings	Ned Eckhardt	Clery Center for Security on Campus (Prime: FEMA)	\$ 15,000	\$ 4,436
Docu-drama to create awareness of fire safety in off-campus college housing and settings	Ned Eckhardt	Clery Center for Security on Campus (Prime: FEMA)	\$ 1,000	\$ 296

Proposals

Radio/TV/Film

Title	Project Investigator	Sponsor	Requested Amount
Docu-drama to create awareness of fire safety in off-campus college housing and settings	Ned Eckhardt	Clery Center for Security on Campus	\$ 15,000

Art Department

Title	Project Investigator	Sponsor	Requested Amount
SmART Program	Jane Graziano	Target Stores	\$ 2,000

Art Gallery

Title	Project Investigator	Sponsor	Requested Amount
Art Gallery Operating Expenses	Mary Salvante	NJ State Council on the Arts	\$ 6,000
Tesla's Fire	Mary Salvante	National Endowment for the Arts	\$ 10,000
Rowan University Art Gallery	Mary Salvante	Andy Warhol Foundation for the Visual Arts	\$ 15,000

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
Reading by the Author Neil Gaimen	Lorin Arnoldt	Odessa F Kahrs & Henry O Kahrs Trust	\$ 7,500

College of Education Awards & Proposals

College of Education					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	3	\$ 523,499	1	\$ 25,074	\$ 478,499
Health & Exercise Science	7	\$ 189,058	5	\$ 19,091	\$ 111,175
Teacher Education	2	\$ 479,362	-	\$ -	\$ -
Educational Services, Administration, and Higher Education	3	\$ 289,790	3	\$ 4,963	\$ 289,790
Language, Literacy, & Special Education	4	\$ 710,478	1	\$ 25,056	\$ 338,254
Total	19	\$2,192,187	10	\$ 74,184	\$ 1,217,718

Awards

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
NJ Teacher Quality Partnership	Donna Jorgensen	William Patterson University (Prime: U.S. Dept. of Education)	\$ 478,499	\$ 25,074

Health & Exercise Science

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
MICRO: Exercise program for persons with Peripheral Arterial Disease	Leslie Spencer	University of Pennsylvania (Prime: National Institutes of Health)	\$ 18,000	\$ 7,560
Get FIT	Leslie Spencer	Horizon Foundation of NJ	\$ 10,000	\$ 1,305
Get FIT	Laurie DiRosa	Walmart Foundation	\$ 35,000	\$ 2,500
Get FIT Mobile App	Brabara Fralinger	Aetna Foundation	\$ 30,000	\$ 3,913
Parent/Teen Driving Orientation Program	Shari Willis	State Farm	\$ 18,175	\$ 3,813

Educational Services, Administration, and Higher Education

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Graduate Assistant Fellowship	Barbara Bole-Williams	National Association of School Psychologists	\$ 22,000	\$ -
Rowan University AIM High Science and Technology Academy	Kara Ieva	New Jersey Higher Education	\$ 217,790	\$ -
Rowan AIM High Academy Jr.	Kara Ieva	AT&T Foundation	\$ 50,000	\$ 4,963

Language, Literacy, and Special Education

Title	Project 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)	\$ 338,254	\$ 25,056

College of Education Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
New Jersey GEAR UP Professional Development for Teachers and Counselors (Southern Region)	Monika Williams-Shealey	New Jersey Higher Education	\$ 35,000
Teacher Quality Partnership Grant	Donna Jorgensen	William Patterson University	\$ 478,499
Persistence of Fourth Year Urban Teachers According to Preparation Pathway	Monika Williams-Shealey	American Association of Colleges for Teacher Education	\$ 10,000

Educational Services, Administration, and Higher Education

Title	Project Investigator	Sponsor	Requested Amount
Graduate Assistant to Support Operations of National 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	\$ 217,790
Junior Aim High	Kara Ieva	AT&T	\$ 50,000

Language, Literacy, & Special Education

Title	Project Investigator	Sponsor	Requested Amount
Formative Assessment and Instructional Interventions for Learning in Mathematics	Sydney Kuder	U.S. Dept. of Education	\$ 338,254
Using STREAM to Improve Early Childhood Teacher Preparation	Susan Browne	NJ Dept. of Education	\$ 43,750
Formative Assessment and Instructional Interventions for Learning in Mathematics	Sydney Kuder	U.S. Dept. of Education	\$ 323,474
Raising Multicultural Awareness through Books	Xiufang Chen	Build-A-Bear Workshop	\$ 5,000

Health & Exercise Science

Title	Project Investigator	Sponsor	Requested Amount
MICRO: Exercise program for persons with Peripheral Arterial Disease	Leslie Spencer	University of Pennsylvania	\$ 18,000
Effectiveness of Supervised Interventions of Get FIT: A Health Promotion and Obesity Management Programs for Individuals w/ Autism Spectrum Disorder	Leslie Spencer	Richard Stockton College of New Jersey	\$ 18,750
Get FIT	Leslie Spencer	Aetna Foundation	\$ 50,000
Nutrition Mobile App	Barbara Fralinger	Aetna Foundation	\$ 30,000
Get FIT	Leslie Spencer	Horizon Foundation for New Jersey	\$ 27,365
Parent/Teen Driver Safety Orientation Program	Shari Willis	State Farm Companies Foundation	\$ 19,943
Get FIT	Leslie Spencer	Walmart Foundation	\$ 25,000

Teacher Education

Title	Project Investigator	Sponsor	Requested Amount
STEEM-S IMPACT	Issam Abi-El-Mona	National Science Foundation	\$ 449,362
Using STREAM to Improve Early Childhood Teacher Preparation	Yvonne Rodriguez	American Association of Colleges for Teacher Education	\$ 30,000

College of Engineering Awards & Proposals

College of Engineering					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	2	\$ 48,399	2	\$ 14,313	\$ 48,399
Chemical Engineering	3	\$ 157,883	3	\$ 104,705	\$ 383,433
Electrical & Computer Engineering	7	\$ 1,645,260	-	\$ -	\$ -
Civil & Environmental Engineering	7	\$ 950,498	6	\$ 39,139	\$ 184,889
Mechanical Engineering	2	\$ 214,000	1	\$ 2,430	\$ 14,000
Total	21	\$ 3,016,040	12	\$ 160,587	\$ 630,721

Awards

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
pH Sensitive Complex Hydrogels for Protein Drug Release	Anthony Lowman	University of Texas-Austin (Prime: National Institutes of Health)	\$ 20,000	\$ 5,914
pH Sensitive Complex Hydrogels for Protein Drug Release	Anthony Lowman	University of Texas-Austin (Prime: National Institutes of Health)	\$ 28,399	\$ 8,399

Chemical Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Self-assembling Biomimetic Hydrogels with Bioadhesive Properties for Intervertebral disc repair	Jennifer Vernengo	National Institutes of Health	\$ 315,933	\$ 86,959
Engineering Research Center Education and Outreach Efforts	Mariano Salveski	Rutgers, The State University of New Jersey (Prime: National Science Foundation)	\$ 60,000	\$ 17,746
NASA Student Scholarship	Jennifer Vernengo	NASA	\$ 7,500	\$ -

Civil & Environmental Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Energy Audit Center	Jess Everett	NJ Dept. of Military and Veterans Affairs	\$ 13,680	\$ 3,320
NJARNG/Rowan University Energy Intern Program	Jess Everett	NJ Dept. of Military and Veteran Affairs	\$ 51,228	\$ 10,728
Effect of plug in hybrid electric vehicle adoption on gas tax revenue, local pollution and greenhouse gas emissions	William Riddell	Research Foundation of The City University of New York (Prime: U.S. Dept. of Transportation)	\$ 38,003	\$ 10,553
Modeling hydrologie and stream temperature response to land-use and climate change in developed and developing watersheds: a comparative analysis	Joseph Daraio	NJ Water Resources Research Institute (Prime: U.S. Geological Survey)	\$ 20,000	\$ -
Energy Audit Center	Jess Everett	NJ Dept. of Military and Veterans Affairs	\$ 54,718	\$ 13,278
Assessment of flooding and storm water drainage at PSEG's Salem & Hope Creek Generating Station	Joseph Daraio	PSEG Nuclear, LLC	\$ 7,260	\$ 1,260

Mechanical Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Evaluation of Failure Modes of Current Fracture Plating Techniques	Anita Singh	Christiana Care Health Services, Inc.	\$ 14,000	\$ 2,430

College of Engineering Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
pH-Sensitive Complex Hydrogels for Protein Drug Release	Anthony Lowman	University of Texas-Austin	\$ 28,399
pH-Sensitive Complex Hydrogels for Protein Drug Release	Anthony Lowman	University of Texas-Austin	\$ 20,000

Chemical Engineering

Title	Project Investigator	Sponsor	Requested Amount
Engineering Research Center Education and Outreach Efforts	Mariano Savelski	Rutgers, The State University of New Jersey	\$ 60,000
Sustainable P2 Design for Batch-Based Specialty Chemical Manufacture	Stewart Slater	U.S. Environmental Protection Agency	\$ 90,383
NASA Student Scholarship	Andrea Vernengo	NASA	\$ 7,500

Civil & Environmental Engineering

Title	Project Investigator	Sponsor	Requested Amount
Energy Audit Center	Jess Everett	NJ Dept. of Military and Veterans Affairs	\$ 54,718
Assessment of flooding and storm water drainage at PSEG's Salem & Hope Creek Generating Station	Joseph Daraio	PSEG Nuclear, LLC	\$ 7,260
Rowan University Energy Intern Program	Jess Everett	NJ Dept. of Military and Veterans Affairs	\$ 387,396
Effect of plug in hybrid electric vehicle adoption on gas tax revenue, local pollution and greenhouse gas emissions	William Riddell	Research Foundation of The City University of New York	\$ 34,813
Engineering Knowledge and Design as the Basis of Ecological Engineering in a Stream Restoration Project	Joseph Daraio	National Science Foundation	\$ 251,123
Multi-model ensembles to assess climate change impacts on extreme precipitation and potential impacts on water resources in the Mid-Atlantic region	Joseph Daraio	Dept. of the Army	\$ 200,256
Ocean Current Turbines	Joseph Daraio	U.S. Environmental Protection Agency	\$ 14,932

Mechanical Engineering

Title	Project Investigator	Sponsor	Requested Amount
Using Bioengineering Scaffolds loaded with neurotrophins to enhance functional recovery after locomotor training in SCI animals	Anita Singh	NJ Dept. of Health & Senior Services	\$ 200,000
Evaluation of Failure Modes of Current Fracture Plating Techniques	Anita Singh	Christiana Care Health Services, Inc.	\$ 14,000

Electrical & Computer Engineering

Title	Project Investigator	Sponsor	Requested Amount
Theoretical and Algorithmic Foundations of Constrained Particle Filtering	Nidhal Bouaynaya	National Science Foundation	\$ 497,760
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	\$ 384,424
Stage-Varying Molecular Networks in Colon Cancer	Nidhal Bouaynaya	University of Alabama-Birmingham	\$ 113,552
E inclusions for Stress Reduction and Property Manipulation	William Riddell	National Science Foundation	\$ 126,542
Persistent extraction of neural drive from lower arm myoelectric signals for control of hand prosthesis	Nidhal Bouaynaya	University of Arkansas-Little Rock	\$ 46,421
Constrained State Estimation in Nonlinear Non-Gaussian Dynamical Systems: Theoretical Foundations and New Perspectives	Nidhal Bouaynaya	National Science Foundation	\$ 390,574
Minimal-Perturbation Dynamic Control of the Melanoma Gene Regulatory Network	Nidhal Bouaynaya	University of Illinois-Chicago	\$ 85,987

Engineering: South Jersey Technology Park Awards & Proposals

College of Engineering					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Chemical Engineering	5	\$ 2,699,104	-	\$ -	\$ -
Civil & Environmental Engineering	13	\$ 1,348,976	16	\$ 294,237	\$ 1,415,189
Electrical & Computer Engineering	10	\$ 2,164,763	3	\$ 86,495	\$ 398,529
Mechanical Engineering	1	\$ 7,500	4	\$ 65,350	\$ 268,251
Total	29	\$ 6,220,343	23	\$ 446,082	\$ 2,081,969

Awards

Civil & Environmental Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Low Cost Portable Percussion Well Drill and Bailer	Beena Sukumaran	U.S. Environmental Protection Agency	\$ 14,613	\$ 4,322
Development of the Rate of Dissipated Energy Change Based Fatigue Model Calibrated Using Mechanical Response Data and Field Performance from CC1 & CC3 test items at the NAPTF	Yusuf Mehta	Federal Aviation Administration	\$ 115,178	\$ 34,067
Creep Testing of Armatherm Grade FRR	Douglas Cleary	Armadillo Noise & Vibration Ltd.	\$ 3,754	\$ 557
Performance of unbound layers of a flexible pavement system during aircraft loading	Beena Sukumaran	Federal Aviation Administration	\$ 70,571	\$ 18,507
Rejuvenating Agents with RAP in HMA	Yusuf Mehta	Rutgers, the State University of New Jersey (Prime: NJ Dept. of Transportation)	\$ 45,090	\$ 9,234
Laser Scanning Aggregates for real time property identification	Beena Sukumaran	University Transportation Research Center (Prime: NJ Dept, of Transportation)	\$ 125,603	\$ 25,319
Reflective Cracking Reconstruction	Yusuf Mehta	SRA International	\$ 47,310	\$ 13,993
Truck Driver Fatigue Assessment using a Virtual Reality System	Yusuf Mehta	Research Foundation of The City University of NY (Prime: U.S. Dept. of Transportation)	\$ 79,981	\$ 22,473
Alternatives to Nuclear Density Testing	Yusuf Mehta	NJ Dept. of Transportation	\$ 210,885	\$ 47,586
A Study to determine asphalt content using Extraction (AASHTO T164) and recovery	Yusuf Mehta	Richard S. Burns and Company, Inc.	\$ 800	\$ -
A Study to Determine Asphalt Content and performance Grade of Binder	Yusuf Mehta	South State Inc.	\$ 3,800	\$ -
Collaborative Research: Training Next Generation Faculty & Students to address the Infrastructure Crisis	Ralph Dusseau	National Science Foundation	\$ 29,869	\$ 9,184
Impact of Polymer Modification on Mechanical and Viscoelastic Properties of Binders and Hot Mix Asphalt	Yusuf Mehta	Research Foundation of The City University of New York (Prime: U.S. Dept. of Transportation)	\$ 35,000	\$ 10,352
Development of Pavement Preservations Strategies Based on Pavement ME	Yusuf Mehta	Rhode Island Dept. of Transportation (Prime: U.S. Dept. of Transportation)	\$ 160,000	\$ 49,655
Properties of magnetic polymeric composites	Douglas Clery	CRDF Global (Prime: U.S. Dept. of Defense)	\$ 19,961	\$ 3,600
Environmental Impacts of RAP	Yusuf Mehta	NJ Dept. of Transportation	\$ 452,774	\$ 45,388

Engineering: SJTP Awards Continued

Electrical & Computer Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
AIS: Learning From Initially Labeled Nonstationary Streaming Data	Robi Polikar	National Science Foundation	\$ 297,542	\$ 60,085
Minimal-Perturbation Dynamic Control of the Melanoma Gene Regulatory Network	Nidhal Bouaynaya	University of Illinois at Chicago (Prime: National Institutes of Health)	\$ 85,987	\$ 23,806
Novel Putter Dynamics	John Schmalzel	Neo-Matrix, LLC	\$ 15,000	\$ 2,604

Mechanical Engineering

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Development of a Remotely Operated Mobile Mount for the Focus3D Large Room Scanner	Thomas Merrill	Naval Sea Systems Command	\$ 17,760	\$ 5,253
Team-Based Projects to Improve Student Design Experience	Jennifer Kadlowec	National Institutes of Health	\$ 43,200	\$ 3,200
Enhancing the undergraduate STEM curriculum through a multidisciplinary approach that integrates biology and engineering	Jennifer Kadlowec	National Science Foundation	\$ 199,791	\$ 56,897
NASA Student Scholarship	Jennifer Kadlowec	NASA	\$ 7,500	\$ -

Engineering: SJTP Proposals

Chemical Engineering

Title	Project Investigator	Sponsor	Requested Amount
A Four-Dimensional Characterization of Alcohol-Induced Changes in Gene Expression During Neurodevelopment in Planaria	Mary Staehle	The Foundation for Alcohol Research	\$ 150,000
Fetal Alcohol Spectrum Disorders	Mary Staehle	National Institutes of Health	\$ 420,332
Green Engineering Design of NOx Producing Process	Robert Hesketh	Johnson Matthey	\$ 22,891
Synthesis and Characterization of Bio-based Resins for the Development of Sustainable Polymers and Composites for DoD applications	Joseph Stanzione	Dept. of The Army	\$ 2,099,881
Design of Three Dimensional Solar Collectors	Kevin Dahm	Helios	\$ 6,000

Civil & Environmental Engineering

Title	Project Investigator	Sponsor	Requested Amount
Performance of unbound layers of a flexible pavement system during aircraft loading	Beena Sukumaran	Federal Aviation Administration	\$ 70,571
Reflective Cracking Reconstruction	Yusuf Mehta	SRA International	\$ 38,310
Development of the Rate of Dissipated Energy Change (RDEC) Based Fatigue Model Calibrated Using Mechanical Response Data and Field Performance from CC1 & CC3 test items at the NAPTF	Yusuf Mehta	Federal Aviation Administration	\$ 115,178
Truck Driver Fatigue Assessment using a Virtual Reality System	Yusuf Mehta	Research Foundation of The City University of New York	\$ 79,981
Evaluation of Armatherm Thermal Barrier: Phase II – Structural Performance in Shear and Bending Connections	Douglas Cleary	Armadillo Noise & Vibration Ltd.	\$ 19,961
Environmental Impacts of RAP	Yusuf Mehta	NJ Dept. of Transportation	\$ 488,078
NCHRP 1-54 Guidelines for Limiting Damage to Flexible and Composite Pavements Due to the Presence of Water	Yusuf Mehta	Villanova University	\$ 47,169
A Study to Determine Asphalt Content and performance Grade of Binder	Yusuf Mehta	South State Inc.	\$ 3,800
A Study to determine the performance grade (as per AASHTO M320) of the blended RAP and virgin binder	Yusuf Mehta	American Asphalt Company	\$ 2,000
A Study to determine asphalt content using Extraction (AASHTO T164) and recovery	Yusuf Mehta	Richard S. Burns and Company	\$ 800
Creep Testing of Armatherm Grade FRR	Douglas Cleary	Armadillo Noise & Vibration Ltd.	\$ 3,754
Impact of Polymer Modification on Mechanical and Viscoelastic Properties of Binders and Hot Mix Asphalt	Yusuf Mehta	Research Foundation of The City University of New York	\$ 79,440
Proposed Enhancements to Pavement ME Design: Improved Consideration of the Influence of Subgrade and Unbound Layers on Pavement Performance	Yusuf Mehta	Transportation Research Board	\$ 399,934

Engineering: SJTP Proposals

Electrical & Computer Engineering

Title	Project Investigator	Sponsor	Requested Amount
Collaborative Research: Effects of Game-Based Virtual Learning Environments with Metacognitive Scaffolding on Diverse Students' Self-Regulated Learning in Engineering Education	Gina Tang	National Science Foundation	\$ 149,995
STTR - Secision Making under Uncertainty	Robi Polikar	Innovative Defense Technologies	\$ 49,873
Advanced Study Institute: Challenges and Emerging Techniques in Cyber and Energy Infrastructure Security	Robi Polikar	NATO	\$ 66,595
Collaborative Research Sequential learning, Variable Selection and Knowledge Discovery in High Dimensional Data	Robi Polikar	National Science Foundation	\$ 174,433
Android Mapping Project Refinement	John Schmalzel	CERDEC	\$ 4,500
Adaptive Serious Game system enabling personalized problem-based learning with cognitive and metacognitive strategies	Gina Tang	National Science Foundation	\$ 499,991
Collaborative Research: Situated Learning of Civil Engineering Design through Game-Based Virtual Learning Environment with Scaffolding for Fostering Higher-Order Skill Development	Gina Tang	National Science Foundation	\$ 199,999
Consistent analysis of large-scale metagenomic data using a living framework for incremental learning	Robi Polikar	Drexel University	\$ 421,927
BIGDATA: f: DKA: Collaborative Research: Scaling Feature Subset Selection to Large-Scale and Distributed Data	Robi Polikar	Drexel University	\$ 296,330
Scalable feature subset selection for discovery of microbiome signatures	Robi Polikar	Drexel University	\$ 301,120

Mechanical Engineering

Title	Project Investigator	Sponsor	Requested Amount
NASA Student Scholarship	Jennifer Kadlowec	National Aeronautics and Space Administration	\$ 7,500

Engineering: SJTP Proposals Continued

Electrical & Computer Engineering

Title	Project Investigator	Sponsor	Requested Amount
Alternative Energy Infrastructure Projects Using Novel Composite Material Systems	Robert Krchnavek	Egg Harbor City	\$ 120,000
BIGDATA: Small: DA: Collaborative Research: An Online Learning Framework for Analysis of High-volume (Genomic) Data	Robi Polikar	NSF	\$ 339,582
Adaptive Serious Game System Enabling Personalized Problem-Based Learning with Cognitive and Metacognitive Strategies	Gina Tang	NSF	\$ 499,908
Novel Putter Dynamics	John Schmalzel	Neo-Matrix, LLC	\$ 12,000
Secure Computing on Handheld/ Embedded Processors	John Schmalzel	L-3 Communications East	\$ 40,000
AIS: Learning From Initially Labeled Nonstationary Streaming Data	Robi Polikar	NSF	\$ 297,542
Strategies: community Sustainability Challenges-Interactive and Collaborative Virtual Reality	Ying Tang	NSF	\$ 1,199,974
Advanced Sensory Multi-Rotor Unmanned Aerial Vehicle	Robert Krchnavek	NCIIA	\$ 5,000
Novel Inverters and Components for Utility-Scale Photovoltaic Power Systems	John Schmalzel	Alencon Systems, Inc.	\$ 50,820
Joint Virtual Reality Lab	George Lecakes	ELEKTA	\$ 298,110

Mechanical Engineering

Title	Project Investigator	Sponsor	Requested Amount
Detritus Monitoring and Chiller Simulation	Thomas Merrill	PSEG Nuclear, LLC	\$ 6,480
DMREF: Collaborative Research: Multiscale Modeling, Optimization, and Fabrication of Next Generation Magneto-Active Materials	Paris Von Lockette	NSF	\$ 405,111
Development of a Remotely Operated Mobile Mount for the Focus3D Large Room Scanner	Thomas Merrill	NAVSEA	\$ 11,980

College of Humanities & Social Sciences

Awards & Proposals

College of Humanities and Social Sciences					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Geography & Environment	6	\$ 295,638	7	\$ 93,972	\$ 462,046
Hollybush Institute	3	\$ 84,005	-	\$ -	\$ -
Liberal Arts & Sciences Institute	1	\$ 300,000	1	\$ -	\$ 300,000
History	2	\$ 35,600	1	\$ -	\$ 32,650
Total	12	\$ 715,243	9	\$ 93,972	\$ 794,696

Awards

Geography & Environment

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
National Geographic's Chesapeake Bay Watershed Initiative	Katrinka Somdahl-Sands	National Geographic Society Foundation (Prime: National Oceanic and Atmospheric Administration)	\$ 89,965	\$ 14,250
Soil Disturbance Internship Project	John Reiser	NJ Dept. of Agriculture	\$ 42,987	\$ 12,049
New Jersey Municipal Asset Profiler (NJ MAP)	John Hasse	Geraldine R. Dodge Foundation	\$ 40,000	\$ -
New Jersey Geographic Alliance Operations Grant	Katrinka Somdahl-Sands	National Geographic Society Foundation	\$ 27,000	\$ -
National Guard Environmental Internship	John Reiser	NJ Dept. of Military and Veterans Affairs	\$ 129,323	\$ 26,377
SADC – Study of Disturbances on Unpreserved Farms	John Reiser	NJ Dept. of Agriculture	\$ 7,333	\$ 2,169
GIS Internship Program	John Reiser	NJ Dept. of Military and Veterans Affairs	\$ 125,438	\$ 39,127

Liberal Arts & Sciences Institute

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Early Intervention Program	DeMond Miller	NJ Dept. of Health and Senior Services	\$ 300,000	\$ -

History

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

College of Humanities & Social Sciences Proposals

Geography & Environment

Title	Project Investigator	Sponsor	Requested Amount
New Jersey Geographic Alliance Operations Grant	Katrinka Somdahl-Sands	National Geographic Society Foundation	\$ 27,000
Soil Disturbance Internship Project	John Reiser	NJ Dept. of Agriculture	\$ 42,987
National Guard GIS Internship Program	John Reiser	NJ Dept. of Military and Veteran Affairs	\$ 130,818
Network of Alliances for Geographic Education NJGA operations grant	Katrinka Somdahl-Sands	National Geographic Society Foundation	\$ 27,500
SADC – Study of Disturbances on Unpreserved Farms	John Reiser	NJ Dept. of Agriculture	\$ 7,333
Geospatial Laboratory's Phase III NJ Map Project	John Hasse	Geraldine R. Dodge Foundation	\$ 60,000

Hollybush Institute

Title	Project Investigator	Sponsor	Requested Amount
Influence of RCA Innovation on South Jersey – Oral History Project	Lawrence Markowitz	New Jersey Historical Commission	\$ 11,403
Hollybush Cold War Technology Center	Lawrence Markowitz	Richard Lounsbery Foundation	\$ 62,617
South Jersey—Oral History Project	Lawrence Markowitz	Bank of American N.A.	\$ 9,985

History

Title	Project Investigator	Sponsor	Requested Amount
The Presidency and Race Fifty Years After the Civil Rights Act of 1964	William Carrigan	NJ Historical Commission	\$ 2,950
Megan M. Giodano Fellowship	William Carrigan	Gloucester County Parks & Recreation	\$ 32,650

Liberal Arts & Science Institute

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

College of Performing Arts Awards & Proposals

College of Performing Arts					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	2	\$ 17,300	1	\$ -	\$ 5,000
Total	2	\$ 17,300	1	\$ -	\$ 5,000

Awards

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY14 Arts Projects	Melanie Stewart	NJ State Council on the Arts	\$ 5,000	\$ -

Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
Creating 3D Digital Virtual Backdrops: A Guide to Best Practices	Melanie Stewart	U.S. Institute for Theatre Technology	\$ 10,000
Rowan Jazz Festival Closing Concert	Melanie Stewart	New Jersey State Council on the Arts	\$ 7,300

College of Science & Mathematics

Awards & Proposals

College of Science & Mathematics					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	1	\$ 3,000	1	\$ 887	\$ 3,000
Biological Sciences	1	\$ 421,469	1	\$ 23,711	\$ 78,794
Chemistry & Biochemistry	14	\$ 2,710,691	6	\$ 61,138	\$ 383,420
Computer Science	5	\$ 456,489	4	\$ 26,216	\$ 155,545
Mathematics	3	\$ 6,233,622	1	\$ 27,156	\$ 366,600
Physics & Astronomy	10	\$ 785,730	4	\$ 4,656	\$ 335,555
Psychology	6	\$ 1,182,911	3	\$ 58,598	\$ 418,480
Nursing	1	\$ 15,000	-	\$ -	\$ -
Total	41	\$ 11,808,912	20	\$ 202,361	\$ 1,741,394

Awards

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
PCCC/Rowan Science Workforce Partnership	Erick Guerra	Passaic County Community College	\$ 3,000	\$ 887

Biological Sciences

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
CREATE, Cornerstone to Capstone: integrating a transformative paradigm for Biology education throughout the curriculum	Alison Krufka	City College of New York (Prime: National Science Foundation)	\$ 78,794	\$ 23,711

Chemistry & Biochemistry

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Preparation of Natural Product Based Pharmaceutical Agents	Subash Jonnalagada	Natreon, Inc.	\$ 25,410	\$ 4,410
Preparation of Natural Product Based Pharmaceutical Agents	Subash Jonnalagada	Natreon, Inc.	\$ 158,569	\$ 27,520
Determining the Elemental Composition of Minerals	Amos Mugweru	Lanix Corporation	\$ 99,656	\$ 14,296
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Syntheon Ltd.	\$ 10,485	\$ 8,612
Synthesis of Pharmaceutical compounds	Subash Jonnalagada	Avante Pharmaceuticals Inc.	\$ 34,300	\$ 6,300
Chiral diaziridines as synthetic building blocks for the systematic synthesis of pharmacologically relevant nitrogen-containing heterocycles	Gustavo Moura-Letts	American Chemical Society	\$ 55,000	\$ -

College of Science & Mathematics

Awards Continued

Computer Science

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Advanced Visualization Techniques for Analyzing Flight Conflict Probe Tools	Adrian Rusu	Federal Aviation Administration	\$ 40,000	\$ 11,831
CS4HS Workshop	Jennifer Kay	Google	\$ 35,000	\$ -
MSE Iris Project Collaboration	Vasil Hnatyshin	Mission Solutions Engineering	\$ 40,545	\$ 7,037
Bristol-Myers software tools	Vasil Hnatyshin	Bristol-Myers Squibb	\$ 40,000	\$ 7,348

Mathematics

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Rowan Math Science Partnership	Karen Heinz	NJ Dept. of Education (Prime: U.S. Dept. of Education)	\$ 366,600	\$ 27,156

Physics & Astronomy

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
MRI: Acquisition of a Combination-Raman and FTIR for Research, Education and Training	Tabbatha Dobbins	National Science Foundation	\$ 280,000	\$ -
New Jersey Space Grant sub-contract	Karen Magee-Sauer	Rutgers, The State University of New Jersey (Prime: NASA)	\$ 15,000	\$ -
Summer Undergraduate Research Fellowship (SURF) at NIST Gaithersburg	Tabbatha Dobbins	National Institute of Standards and Technology	\$ 25,555	\$ -
Properties of magnetic polymeric composites	Samuel Lofland	CRDF Global (Prime: U.S. Dept. of Defense)	\$ 15,000	\$ 4,655

Psychology

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Technological Innovations in a Behavioral Treatment for Cigarette Smoking	Bethany Raiff	National Development and Research Institutes, Inc.	\$ 13,416	\$ 3,968
Comparing RDI and ABA/VB to Treatment as usual on joint and communication in preschool children with autism	Mary Louise Kerwin	NJ Dept. of Health and Senior Services	\$ 394,204	\$ 51,418
Technology-Based Treatments for Substance Use Disorders	Bethany Raiff	Dartmouth College (Prime: National Institutes of Health)	\$ 10,860	\$ 3,212

College of Science & Mathematics Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
PCCC/Rowan Science Workforce partnership: Chemistry and Biochemistry Methods and Applications	Erick Guerra	Passaic County Community College	\$ 3,000

Biological Sciences

Title	Project Investigator	Sponsor	Requested Amount
Signaling pathways that mediate the S. cerevisiae response to oxygen levels	Mark Hickman	National Institutes of Health	\$ 421,469

Computer Science

Title	Project Investigator	Sponsor	Requested Amount
Collaborative Research: Reading, Writing, and Robots: Using Literate Computing to Make Advanced Robotics Accessible	Jennifer Kay	National Science Foundation	\$ 94,696
Rowan Academy of Mobile Programming (RAMP)	John Robinson	Association of American Colleges	\$ 246,399
MSE Iris Project Collaboration	Vasil Hnatyshin	Mission Solutions Engineering	\$ 40,545
Development and upgrade of existing BRISTOL-MYERS SQUIBB expedient data mining (EDM) software tools to include parallel data processing, visual presentation of the results, and more effective data processing using Random Forest Algorithm	Vasil Hnatyshin	Bristol-Myers Squibb	\$ 39,999
Lego EV3 MOOC	Jennifer Key	Google Inc.	\$ 34,850

College of Science & Mathematics

Proposals Continued

Chemistry and Biochemistry

Title	Project Investigator	Sponsor	Requested Amount
CAREER: Quantifying the Interactions Between Proteins & Ionic Liquid Molecules	Timothy Vaden	National Science Foundation	\$ 473,560
Preparation of Natural Product Based Pharmaceutical Agents	Subash Jonnalagadda	Natreon, Inc.	\$ 25,410
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	\$ 302,960
Chiral diaziridines as synthetic building blocks for the systematic synthesis of pharmacologically relevant nitrogen-containing heterocycles	Gustavo Moura-Letts	American Chemical Society	\$ 55,000
Solar Hydrogen Fuel: Optimizing the Band Gap in Titanium-Based Photo catalytic Materials for Hydrogen Generation Through Anionic Modification	Timothy Vaden	National Science Foundation	\$ 334,918
Synthesis of Pharmaceutical compounds	Subash Jonnalagadda	Avante Pharmaceuticals	\$ 42,875
Gold functionalized magnetic nanoparticles for biosensing applications	Amos Mugweru	National Science Foundation	\$ 344,330
Preparation of Natural Product Based Pharmaceutical Agents	Subash Jonnalagadda	Natreon, Inc.	\$ 183,459
Determining the Elemental Composition of Minerals	Amos Mugweru	Lanix Corporation	\$ 99,656
Development of an Anti-Virulence Treatment for Gram Negative Bacteria	Lark Perez	National Institutes of Health	\$ 406,896
Investigations of Interactions between Curcumin-like compounds with transition metal ions	Yang Yang	Sytheon Ltd.	\$ 10,485
Synthesis of pharmaceutical compounds	Subash Jonnalagadda	Avante Pharmaceuticals	\$ 19,600
Inhibition of Pseudomonas aeruginosa Virulence	Lark Perez	National Institutes of Health	\$ 406,802
Analysis of Energetic Compounds	Timothy Vaden	Princeton Security Technologies	\$ 4,740

College of Science & Mathematics

Proposals Continued

Mathematics

Title	Project Investigator	Sponsor	Requested Amount
Multiple Testing Procedures with Applications to Genomics	Nasrine Bendjilali	National Science Foundation	\$ 537,772
Youth Career Connect Grant Program, SGA/DFA PY 13-01	Eric Milou	U.S. Dept. of Labor	\$ 5,328,150
Rowan Mathematics and Science Partnership Program	Karen Heinz	U.S. Dept. of Education	\$ 367,700

Psychology

Title	Project Investigator	Sponsor	Requested Amount
Smartphone videogame-based incentives for smoking cessation: "Breathe Free," a contingency management programs	Bethany Raiff	National Institutes of Health	\$ 248,283
Evaluation of an automated, emotion detection software for the diagnosis and treatment of social skills deficits in teenagers with ASD	Bethany Raiff	NJ Dept. of Health & Senior Services	\$ 398,444
Refinement and Validation of a New Measure of Risk Perception for Sexual Aggression	David Angelone	National Institute of Justice	\$ 440,613
Violence Prevention Program "Snitches get Stitches"	Roberta Dihoff	NJ Dept. of Health & Senior Services	\$ 35,988
Childhood Obesity Prevention Program	Roberta Dihoff	NJ Dept. of Health & Senior Services	\$ 35,988
Mothers with Drug Addiction	MaryLou Kerwin	RGK Foundation	\$ 23,595

Nursing

Title	Project Investigator	Sponsor	Requested Amount
Inter-professional Nursing Leadership & Collaborative Practices in Population Health (INCH)	Dawn Specht	Rutgers, The State University of New Jersey	\$ 15,000

College of Science & Mathematics

Proposals Continued

Physics & Astronomy

Title	Project Investigator	Sponsor	Requested Amount
Properties of magnetic polymeric composites	Samuel Lofland	Maryland Energy and Sensor Technology	\$ 15,000
Philadelphia-Singapore Optics Research Experience for Undergraduates (PSIOPS)	Michael Lim	National Science Foundation	\$ 204,930
MRI/RUI/Acquisition of an Isothermal Titration Calorimeter for Research, training and Education in Southern New Jersey	Xiao Hu	National Science Foundation	\$ 97,215
Summer Undergraduate Research Fellowship (SURF) at NIST Gaithersburg	Tabbatha Dobbins	National Institute of Standards and Technology	\$ 47,500
Summer Undergraduate Research Fellowship (SURF) at NIST-Boulder	Tabbatha Dobbins	National Institute of Standards and Technology	\$ 19,000
Support for Rowan Summer Science Research Program in Physics	Karen Magee-Sauer	Rutgers, The State University of New Jersey	\$ 15,000
All-thin film multiferroic microwave devices	Samuel Lofland	Maryland Energy and Sensor Technology	\$ 50,000
Porous carbon and its application in electrochemical devices: experimental determination of fundamental limitations in material performance	Jeffrey Hettinger	American Chemical Society	\$ 70,000
RUI: Fundamental investigation of the role of ion/pore size in electrochemical performance of carbide-derived carbon	Jeffrey Hettinger	National Science Foundation	\$ 241,530
Summer Undergraduate Research Fellowship (SURF) at NIST Gaithersburg	Tabbatha Dobbins	National Institute of Standards and Technology	\$ 25,555

Cooper Medical School of Rowan University

Awards & Proposals

Cooper Medical School of Rowan University					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
Dean's Office	2	\$ 39,209	2	\$ 11,091	\$ 171,471
Emergency Medicine	1	\$ 636,440	-	\$ -	\$ -
Biomedical Sciences	10	\$ 1,969,432	4	\$ 59,561	\$ 251,375
Pediatrics	1	\$ 149,747	-	\$ -	\$ -
Total	14	\$2,794,828	6	\$ 70,652	\$ 422,846

Awards

Dean's Office

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Academic Administrative Units in Primary Care	Nirandra Mahamitra	Health Services and Resources Administration	\$ 149,721	\$ 11,091
EOF FY15 Scholarships	Paul Katz	New Jersey Higher Education	\$ 21,750	\$ -

Biomedical Sciences

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
B cells in Health and Disease, Project 4	Andrea Bottaro	Emory University (Prime: National Institutes of Health)	\$ 163,524	\$ 48,366
Targeting the Progenitors of Myofibroblasts for the Prevention of Posterior Capsular Opacification	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000	\$ -
Cocaine Addiction and retrotransposons	Thomas Ferraro	University of Pennsylvania (Prime: National Institutes of Health)	\$ 26,463	\$ 7,827
Neuromodulation of Kv3.4 channels in nociceptors	Michael O'Leary	Thomas Jefferson University (Prime: National Institutes of Health)	\$ 11,388	\$ 3,368

Proposals

Dean's Office

Title	Project Investigator	Sponsor	Requested Amount
EOF FY15 - CMSRU	Kyhna Bryant	New Jersey Higher Education	\$ 21,750
Nutrition Education and Food Access Pilot Program	Jocelyn Mitchell-Williams	Community Foundation of South Jersey	\$ 17,459

Emergency Medicine

Title	Project Investigator	Sponsor	Requested Amount
Post resuscitation PaCO2 and neurological outcome after cardiac arrest	Brian Roberts	National Institutes of Health	\$ 636,440

Cooper Medical School of Rowan University Proposals

Biomedical Sciences

Title	Project Investigator	Sponsor	Requested Amount
AFIRM Continuation	Thomas Tulenko	Rutgers, The State University of New Jersey	\$ 599,911
Targeting the Progenitors of Myofibroblasts for the Prevention of Posterior Capsular Opacification	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000
Myo/Nog Cells: Novel Mediators of Neuroprotection in Oxygen-Induced Retinopathy	Mindy George-Weinstein	Lankenau Institute for Medical Research	\$ 49,500
ANK-dependent ATP production causes calcium pyrophosphate deposition disease	Charlene Williams	University of Wisconsin	\$ 647,634
Cocaine addiction and retrotransposons	Thomas Ferraro	University of Pennsylvania	\$ 56,138
Mobile DNA Elements and Neuronal Excitation	Thomas Ferraro	University of Pennsylvania	\$ 140,388
Targeting the progenitors of Myofibroblasts for the Prevention of Posterior Capsular Opacification (2)	Mindy George-Weinstein	Sharpe-Strumia Research Foundation	\$ 50,000
Retrotransposons in CNS Diseases	Thomas Ferraro	University of Pennsylvania	\$ 153,084
Neuromodulation of Kv3.4 channels in nociceptors	Michael O'Leary	Thomas Jefferson University	\$ 22,777
ANK-dependent ATP efflux causes calcium pyrophosphate deposition in cartilage	Charlene Williams	Medical College of Wisconsin	\$ 200,000

Pediatrics

Title	Project Investigator	Sponsor	Requested Amount
Long Term Neuroprotective Effects of Human Adipose-derived stem cells (hASCs) and Hypothermia in Neonatal Rats post Hypoxic Ischemic Encephalopath	Alla Kushnir	March of Dimes	\$ 149,747

School of Osteopathic Medicine

Awards & Proposals

School of Osteopathic Medicine					
	PROPOSALS		AWARDS		
	#	Amount	#	Indirects	Total Amount
CARES Institute	-	\$ -	2	\$ 1,194	\$ 2,431,618
Cell Biology	13	\$ 7,836,016	2	\$ 219,565	\$ 591,709
NJ Institute for Successful Aging	9	\$ 3,462,299	9	\$ 520,398	\$ 3,070,645
Obstetrics & Gynecology	1	\$ 437,250	2	\$ 295,000	\$ 795,000
Osteopathic Manipulative Medicine	-	\$ -	1	\$ -	\$ 43,457
Pathology	1	\$ 309,070	1	\$ -	\$ 309,070
Psychiatry	4	\$ 1,672,358	4	\$ -	\$ 1,672,358
Surgery	3	\$ 1,286,616	1	\$ 26,061	\$ 199,796
Family Medicine	2	\$ 15,000	4	\$ 140,927	\$ 1,918,938
Molecular Biology	20	\$10,369,079	-	\$ -	\$ -
Academic Affairs	2	\$ 77,917	-	\$ -	\$ -
Library	2	\$ 11,487	-	\$ -	\$ -
General Internal Medicine	1	\$ 40,000	-	\$ -	\$ -
Total	58	\$25,517,092	26	\$1,203,145	\$ 11,032,591

Awards

CARES Institute

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
FY14 DCP&P	Martin Finkel	NJ Dept. of Children and Family	\$ 2,415,494	\$ -
AGH Center for Traumatic Stress in Children and Adolescents	Esther Deblinger	Substance Abuse and Mental Health Services Administration	\$ 16,124	\$ 1,194

Cell Biology

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Monitoring Mechanisms in Mammalian Ribosome Biogenesis	Dimitri Pestov	National Institutes of Health	\$ 289,609	\$ 107,465
Mechanisms of Transcription Initiation in Mitochondria	Dmitry Temiakov	National Institutes of Health	\$ 302,100	\$ 112,100

NJ Institute for Successful Aging

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Interprofessional Geriatric Fellowship Program	Anita Chopra	Health Resources Services Administration	\$ 689,056	\$ 51,041
New Jersey Geriatric Education Center	Anita Chopra	Health Resources Services Administration	\$ 438,448	\$ 26,902
Next Steps in Physicians' Training in Geriatrics	Anita Chopra	Reynolds Foundation	\$ 249,724	\$ 36,102
National Training and Coordination Collaborative	Elyse Perweiler	Health Resources Services Administration	\$ 81,754	\$ 16,870
New Jersey Area Health Education Center	Elyse Perweiler	Health Resources Services Administration	\$ 305,010	\$ 4,538
Social Capital and Resilience of Older People Exposed to Hurricane Sandy	Rachel Pruchno	Assistant Secretary for Preparedness & Response	\$ 401,558	\$ 149,006
Identification of Biomarkers for Mild Cognitive Impairment	Robert Nagele	Osteopathic Heritage Foundation	\$ 267,100	\$ -
All-NJ Geriatrics Program for GPRs	Samuel Zwetchkenbaum	Delta Dental	\$ 2,000	\$ -
Effects of Hurricane Sandy on Functional Limitation Trajectories of Older People	Rachel Pruchno	National Institutes of Health	\$ 635,995	\$ 235,939

School of Osteopathic Medicine Awards Continued

Obstetrics & Gynecology

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Fatty Acids-Medicated Inflammation and Ethnic Disparity in Pregnancy Outcome	Xinhua Chen	National Institutes of Health	\$ 397,500	\$ 147,500
Fatty Acids-Medicated Inflammation and Ethnic Disparity in Pregnancy Outcome (year 2)	Xinhua Chen	National Institutes of Health	\$ 397,500	\$ 147,500

Osteopathic Manipulative Medicine

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Efficacy of Osteopathic Manipulative Treatment After Bilateral Total Knee Arthroplasty	Gilbert Siu	American Osteopathic Association	\$ 43,457	\$ -

Pathology

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Comprehensive Care Center for Huntington Disease	Michael McCormack	NJ Dept. of Health and Human Services	\$ 309,070	\$ -

Psychiatry

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Children's Mental Health – Intellectual Disability Outpatient Care	Pamela Kane	NJ Dept. of Children and Family	\$ 200,000	\$ -
Psychiatric Services for Dually Diagnosed Persons	Pamela Kane	NJ Dept. of Human Services	\$ 899,778	\$ -
Crisis Consultation and Community Outreach Program	Pamela Kane	NJ Dept. of Human Services	\$ 374,690	\$ -
Psychological Services for Abused and Neglected Children	Pamela Kane	NJ Dept. of Children and Family	\$ 197,890	\$ -

Surgery

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Glucuronidation and Autism	Peter Stein	NJ Dept. of Health and Senior Services	\$ 199,796	\$ 26,061

Family Medicine

Title	Project Investigator	Sponsor	Awarded Amount	Indirect Awarded
Key Essentials for Optimizing Patient Care - Pain Management Block	Joshua Coren	Purdue Pharma LP	\$ 10,000	\$ -
Proposal to American Osteopathic Association to Conduct Category 1A Internet CME Program	Joshua Coren	American Osteopathic Association	\$ 5,000	\$ -
Primary Care Residency Expansion Program in Family Medicine	George Scott	Health Services and Resources Administration	\$ 1,423,938	\$ 105,371
Affordable Care Act: Primary Care Residency Expansion	George Scott	Health Services and Resources Administration	\$ 480,000	\$ 35,556

School of Osteopathic Medicine Proposals

Cell Biology

Title	Project Investigator	Sponsor	Requested Amount
Assessment of Metabolic Gene Therapy in an animal model of AD	Jeremy Francis	National Institutes of Health	\$ 477,000
Stem Cell-Based Therapy for Canavan Disease	Paola Leone	National Institutes of Health	\$ 477,000
Anaplerotic Therapy for Canavan Disease	Paola Leone	National Institutes of Health	\$ 477,000
Phenotype of iNKT Cells as Immunological Marker of MS	Paola Leone	National Institutes of Health	\$ 477,000
AAV2-ASPA=Based Metabolic Intervention for Alzheimer's Disease	Paola Leone	Bright Focus Foundation	\$ 250,000
Role of Mitochondria in Canavan Disease	Paola Leone	National Institutes of Health	\$ 437,250
Stem Cell-Based Therapy for Canavan Disease	Paola Leone	National Tay-Sachs & Allied Diseases Association, Inc.	\$ 80,000
Targeting NAA metabolism for the treatment of neurodegenerative disease	Paola Leone	National Institutes of Health	\$ 477,000
Stem Cell Therapy for Canavan Disease	Paola Leone	National Institutes of Health	\$ 477,000
Ribosome turnover in eukaryotes	Dimitri Pestov	National Institutes of Health	\$ 1,987,500
Translation Rescue Mechanism in Eukaryotes	Natalia Shcherbik	National Institutes of Health	\$ 1,788,750
Altered isoprostanooids and pro-resolution lipid mediators of inflammation in autism	Bernd Spur	National Institutes of Health	\$ 409,514
Anti-Microbial Effects of Lipoxin A4	Kingsley Yin	Groff Foundation	\$ 21,002

NJ Institute for Successful Aging

Title	Project Investigator	Sponsor	Requested Amount
Donald W. Reynolds Foundation Next Steps Grant	Anita Chopra	Reynolds Foundation	\$ 1,717,290
A Prospective, Double-Blind, Placebo-Controlled, Phase 2 Efficacy and Safety Study of Oral ELND005 for Treatment and Agitation and Aggression in Patients with Moderate to Severe Alzheimer's Disease	Stephen Scheinthal	Elan Pharmaceuticals	\$ 201,487
Modulation of Cytokines in the Elderly with Diminished Mobility by a Lymphatic Pump Protocol	Donald Noll	American Osteopathic Association	\$ 93,231
A 12 Week Safety Extensin Study of Oral ELND005 for Treatment of Agitation and Aggression in Patients with Moderate to Severe Alzheimer's Disease	Stephen Scheinthal	Elan Pharmaceuticals	\$ 107,276
MRI Acquisition of Scanning Electron Microscope with Energy-Dispersive X-ray Analysis for Research Education and Training	Robert Nagele	National Science Foundation	\$ 194,649
Autoantibodies as Biomarkers for Early Diagnosis of Autism	Robert Nagele	NJ Dept. of Health and Senior Services	\$ 398,931
Inter-professional Nursing Leadership & Collaborative Practices in Population Health (INCH)	Elyse Perweiler	Health Resources and Services Administration	\$ 62,132
Health Consequences of Disaster-Related Disruptions in Home and Community-Based Supports	Rachel Pruchno	Health Resources and Services Administration	\$ 297,304
Effects of Mold on Adults with Chronic Breathing Conditions	Rachel Pruchno	Health Resources and Services Administration	\$ 389,999

Obstetrics & Gynecology

Title	Project Investigator	Sponsor	Requested Amount
Epidemiology of choline and one-carbon metabolism in preterm delivery	Xinhua Chen	National Institutes of Health	\$ 437,250

Pathology

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

School of Osteopathic Medicine

Proposals Continued

Surgery

Title	Project Investigator	Sponsor	Requested Amount
Alzheimer's Disease and Plasticizers	Peter Stein	National Institutes of Health	\$ 437,250
Metabolic Perturbations with Autism Induced by Plasticizers	Peter Stein	NJ Dept. of Health and Senior Services	\$ 397,366
Metabolic Perturbations with Autism Induced by Plasticizers	Peter Stein	National Institutes of Health	\$ 452,000

Psychiatry

Title	Project Investigator	Sponsor	Requested Amount
Psychological Services for Abused and Neglected Children	Pamela Kane	NJ Dept. of Children and Family	\$ 197,890
Children's Mental Health - Intellectual Disability	Pamela Kane	NJ Dept. of Children and Family	\$ 200,000
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

Family Medicine

Title	Project Investigator	Sponsor	Requested Amount
Key Essentials for Optimizing Patient Care	Joshua Cohen	Purdue Pharma L.P.	\$ 10,000
Proposal to American Osteopathic Association to Conduct Category 1A Internet CME Program	Joshua Cohen	American Osteopathic Association	\$ 5,000

Academic Affairs

Title	Project Investigator	Sponsor	Requested Amount
Equal Opportunity Fund - SOM Pre-Med Summer Prep	Linda Boyd	NJ Higher Education	\$ 72,343
Equal Opportunity Fund - SOM Prematriculation Program	Linda Boyd	NJ Higher Education	\$ 5,574

Library

Title	Project Investigator	Sponsor	Requested Amount
Technology Improvement	Micki McIntyre	National Network of Libraries of Medicine	\$ 9,987
Professional Development Award	Janette Pierce	National Network of Libraries of Medicine	\$ 1,500

General Internal Medicine

Title	Project Investigator	Sponsor	Requested Amount
Cardiology fellowship	Joanne Kaiser-Smith	St. Jude Medical Grant Program	\$ 40,000

School of Osteopathic Medicine

Proposals Continued

Molecular Biology

Title	Project Investigator	Sponsor	Requested Amount
Analysis of ABC Transporter Protein, ABCA7, in Late-Onset Alzheimer's Disease in the African American Population	Subhasis Biswas	Bright Focus Foundation	\$ 250,000
Transcriptional Regulation by the Gli homolog TRA-1	Shin-Yi Lin	National Institutes of Health	\$ 155,346
Developmental Timing Mechanism in Mammalian Cells	Eric Moss	National Institutes of Health	\$ 477,000
Mechanism of Developmental Timing	Eric Moss	National Science Foundation	\$ 959,236
Stress induced regulation of programmed cell death in yeast	Katrina Cooper	National Science Foundation	\$ 646,278
The Role of Ikaros in T-cell Acute Lymphoblastic Leukemia	Renee Demarest	American Association of Cancer Research	\$ 100,000
Evolution of Developmental Regulatory Pathways	Ronald Ellis	National Institutes of Health	\$ 1,987,500
Targeting Podoplanin to Prevent and Combat Melanoma	Gary Goldberg	National Institutes of Health	\$ 477,000
Transcriptional Regulation by the Gli Homolog TRA-1	Shin-Yi Lin	Leukemia and Lymphoma Society Fellow	\$ 171,752
Transcriptional Regulation by the Gli Homolog TRA-1	Shin-Yi Lin	American Cancer Society	\$ 163,500
Stress induced signalling and cyclin C regulation in yeast	Katrina Cooper	National Institutes of Health	\$ 477,000
Delineating the Evolution of Nematode Mating Systems with Gene Editing	Ronald Ellis	National Science Foundation	\$ 939,911
Transcriptional Activation by Nematode Gli Proteins	Shin-Yi Lin	Jane Coffin Childs	\$ 159,900
Stress regulated mitochondrial dynamics	Randy Strich	National Institutes of Health	\$ 1,590,000
Mitochondrial control of programmed cell death	Randy Strich	National Institutes of Health	\$ 437,250
Development of an anti-cancer peptide based therapeutic	Katrina Cooper	WW Smith Charitable Trust	\$ 100,000
Targeting Podoplanin to Prevent and Combat Oral Cancer	Gary Goldberg	National Institutes of Health	\$ 477,000
Targeting Podoplanin to Prevent and Combat Melanoma	Gary Goldberg	National Institutes of Health	\$ 477,000
Control of Transcription Activation by the Nematode Gli Protein TRA-1	Shin-Yi Lin	American Cancer Society	\$ 163,500
Control of Transcription Activation by the Nematode Gli Protein TRA-1	Shin-Yi Lin	National Institutes of Health	\$ 159,906

OFFICE STAFF

Research & Sponsored Programs

Shreekanth Mandayam, Ph.D.
Vice President for Research

Main Campus Staff

Sarah Piddington
Director of Sponsored Programs

Stephanie Lezotte
Assistant Director of Sponsored
Programs

Eric Gregory
Compliance & Contracts Specialist

Kristy Carpenter
Sponsored Programs Analyst

Michael Bruno
Sponsored Programs Analyst

Peggy Pedrick
Sponsored Programs Secretary

SOM Stratford Staff

Todd Regn
Director of Sponsored Programs

Jeannine Voll
Sponsored Programs Administrator

Tammy DelleFave
Sponsored Programs Analyst

Sheila Lewis
Sponsored Programs Analyst

Margaret Warren
Sponsored Programs Secretary

Marion Dugan
Sponsored Programs Secretary



Office of Research
600 Whitney Ave.
Glassboro, NJ 08028
rowan.edu/research