

RUTGERS

Research Office | Newark



BI-ANNUAL REPORT FY2017 – FY2018

July 1, 2016 - June 30, 2018

Index

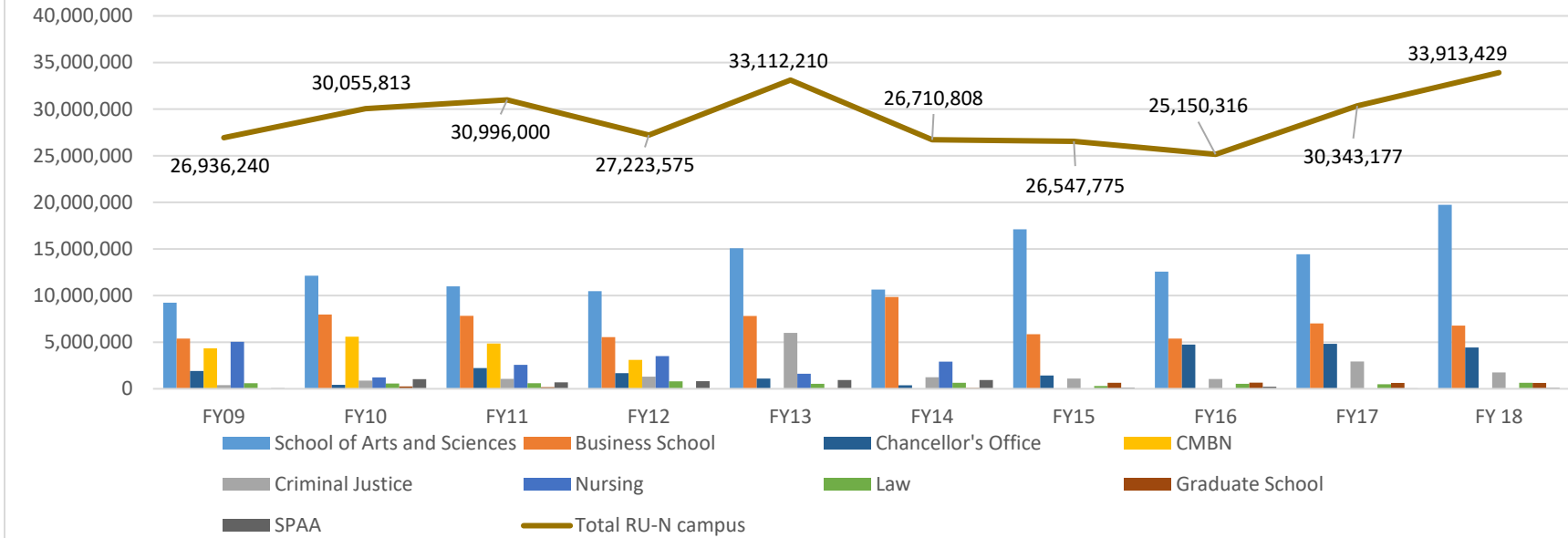
Articles

Jessica Ware awarded presidential award (PECASE).....	3
RUBIC is funded for new fMRI scanner.....	3
Alec Gates receives 3rd five-year award for undergrads in STEM.....	6
Research Week 2019.....	9
Awards for newly tenured faculty.....	12
Urban entrepreneurs are key to Newark's economic future.....	13

Tables and Charts

Award data FY09 – FY18, by School.....	3
Award data FY17-18	5
Awards by School/Department FY17.....	5
Awards by School/Department FY18.....	5
Awards by source type, by School FY17.....	7
Awards by source type, by School FY18.....	7
Percentage of total RU-N awards by School, FY16 – FY18.....	7
Proposal submission data FY17-18	7
Submissions by School Department FY17.....	8
Submissions by School Department FY18.....	8
Submissions by source type, by School FY17.....	10
Submissions by source type, by School FY18.....	10
Percentage of total RU-N Submissions by School, FY16 – FY18.....	10
Research Advisory Committee.....	11
Office of Research and Sponsored Programs.....	14

External Funding for RU-N 2009 - 2018



	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY 18
Arts and Sciences	9,231,182	12,124,107	10,990,477	10,470,287	15,075,905	10,647,978	17,107,628	12,562,025	14,424,320	20,999,942
Business School	5,388,001	7,966,987	7,821,312	5,545,105	7,815,486	9,848,476	5,862,114	5,383,565	7,018,806	6,625,645
Chancellor's Office	1,907,888	430,066	2,220,651	1,681,959	1,100,694	378,525	1,418,466	4,738,992	4,823,659	4,235,607
CMBN	4,331,608	5,590,521	4,850,600	3,102,971	a.					
Criminal Justice	387,800	879,699	1,069,002	1,305,723	5,995,505	1,234,996	1,092,326	1,051,300	2,928,770	1,749,228
Nursing	5,033,529	1,223,845	2,563,412	3,508,129	1,612,780	2,912,495	b.			
Law	589,032	561,448	601,317	792,853	533,284	650,623	297,266	535,000	479,197	645,896
Graduate School		251,434	181,469		42,000	90,000	635,775	663,996	626,225	626,225
SPAA	67,200	1,027,706	697,760	816,548	936,556	947,716	134,200	215,438	42,200	104,100
Total RU-N campus	26,936,240	30,055,813	30,996,000	27,223,575	33,112,210	26,710,808	26,547,775	25,150,316	30,343,177	34,986,643

Notes: a. CMBN was an independent center at Rutgers University–Newark until 9/1/2012, when it joined the School of Arts and Sciences

b. Nursing joined RBHS with the merger of UMDNJ 7/1/13

Presidential award for Jessica Ware

Dr. Jessica Ware, Associate Professor in Biological Sciences, received the Presidential Early Career Award for Scientists and Engineers (PECASE) on July 2. The award is the federal government's highest honor for outstanding scientists and engineers who show exceptional promise for leadership in science and technology and who are at the beginning of their independent research careers.



Dr. Ware studies the classification and evolution of insects, with a focus on dragonflies and damselflies, which have a 400-million-year history on earth. In 2012-14, Ware was part of an international team of 100 researchers that spent two years on a project to map the evolution of insects using a molecular data set of unique quality and dimensions. The results of the project were featured as the cover story in *Science*.

Dr. Ware is active in professional entomological associations as past president of the Systematics, Evolution, & Biodiversity section of the Entomological Society of America and as secretary of the World Dragonfly Association. At Rutgers, she is recognized for her distinguished leadership and mentoring as lab director and as director of the department's graduate program and for advocating for LGBTQ inclusion and visibility in STEM programs.

Nine federal funding agencies nominate distinguished scientists for the PECASE award. The National Science Foundation selects its PECASE awardees from those who received the NSF's Faculty Early Career Development (CAREER) award, a five-year award to promote the close integration of research and education.

Rutgers University Brain Imaging Center receives NSF funding for fMRI scanner

The **Rutgers University Brain Imaging Center (RUBIC)** has just received \$1.5 million in funding for a new 3T Siemens Prisma fMRI scanner from the National Science Foundation with 30% matching funding from the School of Arts and Sciences – Newark, the Office of the Chancellor – Newark, and the Office of Research and Economic Development. The new scanner will double the research capacity of the center and provide state-of-the-art imaging technology to augment the existing scanner, a 3T Siemens TRIO.

RUBIC is integral to the research of the Department of Psychology and the Center for Molecular and Behavioral Neuroscience (CMBN) on the Newark campus and serves as a regional resource for neuroscientists who use fMRI imaging to study neural activity in humans and animals. RUBIC is directed by **Stephen Hanson** with the support of two Associate Directors, **Mauricio Delgado**, Chair of the Psychology Department and **Bart Krekelberg**, Associate Director of CMBN.



The scanner is used exclusively for research, rather than clinical, purposes so RUBIC can provide competitive pricing for scan time. In its first four years alone, RUBIC provided scanning services in support of 60 externally-funded grants with a total of over \$35 million. Since its founding in 2011, RUBIC has been a self-supporting core facility operating at or near capacity.

Award Data FY2017 - FY2018

FY17 - FY18 Awards	FY2017	FY2018
SCHOOL NAME/ DEPARTMENT	TOTAL	TOTAL
Chancellor-Newark	4,823,659	4,235,607
Chancellor-Newark	64,340	964,340
Academic Foundations Center	1,212,134	1,719,897
Cornwall Center for Metropolitan Studies	1,812,510	474,250
Express Newark		15,000
Honors Living and Learning Community	1,470,000	500,000
Institute for Data Science, Learning and Applications	199,974	367,120
Office of University Community Partnerships	50,000	195,000
Paul Robeson Gallery	14,701	
School of Arts & Sciences - Newark	14,424,320	20,999,942
American Studies Program		5,000
Biological Sciences	2,196,088	2,068,258
Center for Migration and the Global City		310,000
Center for Molecular & Behavioral Neuroscience	5,247,844	7,312,470
Chemistry	1,198,335	2,935,951
Clement Price Institute		25,000
Dean's Office	210,794	
Earth & Environmental Sciences	2,138,092	4,531,293
History	107,110	402,860
Humanities Action Lab		300,000
Mathematics & Computer Science	1,313,860	855,822
Psychology	1,669,947	2,052,319
Sociology & Anthropology	42,854	
Urban Education	299,396	200,969
Rutgers Business School	7,018,806	6,625,645
Accounting & Information Systems	100,000	
Center for Urban Entrepreneurship		787,668
Dean's Office		309,817
Graduate School of Management	476,667	
GSM-Small Business Development Center	3,606,661	4,470,995
Institute for Ethical Leadership		385,000
Management and Global Business		100,000
Management Science & Information Systems	2,146,310	572,165
Organization Management	689,168	

SCHOOL NAME/ DEPARTMENT	FY2017 TOTAL	FY2018 TOTAL
School of Criminal Justice	2,928,770	1,749,228
Graduate School-Newark	626,225	626,225
Law School-Newark	479,197	645,896
School of Public Affairs & Administration	42,200	104,100
Total	\$30,343,177	\$34,986,643

LSAMP continues to expand on 10 years of success

This spring, Alec Gates, Distinguished Service Professor and Chair of the Department of Earth & Environmental Sciences, was awarded \$4 million from NSF for a 5-year renewal of the **Garden State Louis Stokes Alliance for Minority Participation program** (GS-LSAMP). Building on a decade of successful educational programming within a large educational consortium of four-year and two-year colleges in central and northern New Jersey, the program aims to increase the number of underrepresented minority (URM) graduates with STEM BS/BA degrees by 60% over five years and raise the number of urban minority students pursuing graduate degrees and international experience by 20%.

A month later, Gates was awarded an additional \$1,075,000 from NSF for the **Bridges to the Doctorate** program to recruit and support 12 LSAMP fellows through their graduate careers using best practices developed through LSAMP. At this point, Gates was serving as PI on active NSF grants totaling \$11.5 million, all aimed at advancing the inclusion of underrepresented populations in STEM.

This level of success emerged through a decade of experimentation, collaboration, evaluation, and improvement. The first LSAMP award in 2009 funded a coalition of eight 4-year colleges and Essex County College to develop innovative approaches and to share best practices in the areas of academic support, social networking, and participation in research. The LSAMP coalition doubled the number second five-year phase, the focus turned to two of minority STEM graduates in just four years. In the critical transition points for STEM students:

(1) transfer from 2-year to 4-year institutions and (2) from undergraduate to graduate programs. Around the same time, Passaic County Community College (PCCC) received NSF funding to form a partnership of five public 2-year Hispanic-Serving Institutions, to develop and share high impact practices among the partners to accelerate the transfer of students historically under-represented in STEM to 4-year colleges. The partners in the Northern New Jersey Bridges to the Baccalaureate (B2B) became associate members of the GS-LSAMP, augmenting the large network of shared best practices and educational innovation.

In the next several years, Gates received funding for undergraduate research experience in urban environmental systems and, building on the ecosystem of support created through LSAMP and B2B partners, received additional funding for substantial scholarship support for students from underserved urban areas who are enrolled at RU-N or at 3 two-year county colleges in Essex, Hudson and Passaic counties.

The network of collaborating educational institutions in northern and central New Jersey continues to flourish. With the renewal of LSAMP and the new Bridges to the Doctorate program at Rutgers - Newark, the renewal of the Bridges to the Baccalaureate program at Passaic County Community College, and the renewal of the grant to provide research experience with Associate Professor Ashaki Rouff as the PI, the network will continue to develop educational best practices and programs to promote the broadest possible participation of students in STEM disciplines.

**FY2017 Awards by amount (\$) and number (#)
By source and RU-N unit**

RU-N unit	Federal		Foundations		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	11,887,780	44	1,047,890	20	634,200	4	854,450	10	14,424,320	78
RBS	4,840,228	9	572,078	6	506,500	4	1,100,000	2	7,018,806	21
Chancellor	1,402,108	6	3,323,850	13	27,701	2	70,000	2	4,823,659	23
SCJ	393,346	3	2,095,424	7	440,000	2	0	0	2,928,770	12
Law	20,833	1	168,000	6	290,364	1	0	0	479,197	8
Grad School	626,255	1	0	0	0	0	0	0	626,255	1
SPAA	0	0	3,000	1	35,000	2	4,200	1	42,200	4
	19,170,550	64	7,210,242	53	1,933,765	15	2,028,650	15	30,343,207	147
RU-N funding by source	63%	44%	24%	36%	6%	10%	7%	10%	100%	100%

**FY2018 Awards by Amount (\$) and Number (#)
By source and RU-N unit**

	Federal		Foundation		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	17,434,243	76	2,157,390	39	1,015,499	7	392,810	8	20,999,942	130
RBS	4,741,436	7	1,327,709	11	656,500	3	50,000	1	6,625,645	22
Chancellor	1,850,372	8	2,215,235	21	150,000	1	20,000	1	4,235,607	31
SCJ	320,743	4	873,485	9	555,000	2	0		1,749,228	15
Law	95,167	3	204,985	6	345,744	1	0		645,896	10
Grad School	626,225	1	0	0	0	0	0		626,225	1
SPAA	0	0	70,700	3	33,400	2	0		104,100	5
Total	23,994,972	99	6,699,504	89	2,756,143	16	462,810	10	34,986,643	214
RU-N funding by source	72%	46%	20%	42%	8%	7%	1%	5%	100%	100%

Percentage of total RU-N awards by School, FY16 – FY18

	FY16		FY17		FY 18		% of Total FY16 - FY18
	\$	%	\$	%	\$	%	
SASN	12,562,025	50%	14,424,320	48%	20,999,942	60%	53%
RBS	5,383,565	21%	7,018,806	23%	6,625,645	19%	21%
Chancellor	4,738,992	19%	4,823,659	16%	4,235,607	12%	15%
SCJ	1,051,300	4%	2,928,770	10%	1,749,228	5%	6%
Law	535,000	2%	479,197	2%	645,896	2%	2%
Graduate School	663,996	3%	626,255	2%	626,225	2%	2%
SPAA	215,438	1%	42,200	0%	104,100	0%	0%
Total	25,150,316	100%	30,343,207	100%	34,986,643	100%	100%

Proposal Submissions Data

FY17 - FY18 Submitted proposals	FY2017	FY2018
SCHOOL NAME/ DEPARTMENT	TOTAL	TOTAL
Chancellor-Newark	11,653,347	6,045,379
Chancellor-Newark	54,835	
Academic Programs and Services		17,146
Academic Foundations Center	1,084,864	1,033,018
Cornwall Center for Metropolitan Studies	6,796,238	641,135
Counselling Center		3,500,000
Express Newark	400,000	5,000
Honors Living and Learning Community	1,570,000	250,000
Institute for Data Science, Learning and Applications	1,697,410	228,444
Office of University Community Partnerships	50,000	370,636
School of Arts & Sciences - Newark	33,122,532	32,387,093
African American and African Studies	107,232	
American Studies Program		5,000
Arts, Culture and Media	252,500	
Biological Sciences	6,093,439	10,517,192
Center for Migration and the Global City		524,586
Center for Molecular & Behavioral Neuroscience	9,604,385	6,534,867
Chemistry	3,580,773	3,316,604
Clement Price Institute		40,000
Dean's Office	210,794	
Earth & Environmental Sciences	2,867,420	3,064,579
History	468,657	
Humanities Action Lab		415,513
Mathematics & Computer Science	2,411,215	1,381,897
Physics	214,557	840,327
Political Science		95,000
Psychology	6,043,164	4,826,809
Social Work	32,000	350,000
Sociology and Anthropology	56,317	
Urban Education	1,180,079	474,719
Rutgers Business School	14,259,025	5,885,758
Accounting & Information Systems ³	100,000	
Center for Urban Entrepreneurship		520,251
Dean's Office		785,418

SCHOOL NAME/ DEPARTMENT	FY2017 TOTAL	FY2018 TOTAL
Graduate School of Management	1,078,865	
GSM-Small Business Development Center	7,333,322	3,473,132
Institute for Ethical Leadership		95,000
International MBA Program	229,402	
Management Science & Information Systems	3,519,768	1,011,957
Organization Management	1,997,668	
School of Criminal Justice	1,872,290	1,784,444
Graduate School-Newark	688,225	56,498
Law School-Newark	528,364	439,677
School of Public Affairs & Administration	183,985	261,578
Total Request	\$62,307,768	\$46,860,428

Research Week 2019 features student and faculty research across disciplines

In mid-April, **Piotr Piotrowiak**, Vice Chancellor for Research and Collaborations, and **Brian Murphy**, Director of the Honors College, relaunched the university's annual Research Week. Over five days, lectures and events organized by the Honors College to include faculty and students were held to showcase Rutgers-Newark's research and its mission as an urban, public research university.

The week began with a keynote lecture by Dr. Theodore Goodson III, a chemist from the University of Michigan and a distinguished researcher and pioneer in student mentoring. He spoke about "Optical Applications in Magic Number Metal Clusters." Professor **Mark Gluck** from the Center for Molecular and Behavioral Neuroscience gave a lecture to students and community members about his research on Alzheimer's disease. A workshop for undergraduates interested in finding a research assistant position in one of the university's many labs and humanities initiatives was conducted by the program directors of two major projects at Rutgers-Newark: the National Science Foundation-funded Louis Stokes Alliances for Minority Participation (LSAMP) and the Department of Education-funded Ronald E. McNair Post-

Baccalaureate Achievement program. In the final day, the Honors College hosted a poster symposium for nearly one hundred undergraduate and graduate students who presented original scholarly and scientific research they completed in the prior year under the mentoring and direction of our faculty.

Topics ranged from "Diversity and Distribution of Insects Across Guyana Rain Forest" to "The Role of Non-Epidermal Keratins in Early Embryonic Development." Two Honors College students presented an interactive, mobile installation recreating a Native American burial ground on Staten Island – scholarship that emerged from an ongoing series of project-based honors courses linked to an interdisciplinary research initiative to recover the history of the Lenape Indians in the estuarial region between Newark and New York City.

Many of these student projects will be presented at professional conferences and published in peer-reviewed journals, highlighting the quality of scholarship and mentoring we collaboratively work to produce at Rutgers-Newark.

FY 2017 Submitted Proposals by Request Amount (\$) and Number (#)
By source and RU-N unit

RU-N unit	Federal		Foundations		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	27,882,206	119	2,796,824	49	1,217,714	8	836,680	11	33,122,532	187
RBS	10,184,608	24	2,596,419	16	329,998	2	1,148,000	3	14,259,025	45
Chancellor	7,104,040	10	3,593,291	16	886,016	2	70,000	2	11,653,347	30
SCJ	591,593	8	1,058,854	8	221,843	3	0	0	1,872,290	19
Law	0	0	238,000	9	290,364	1	0	0	528,364	10
Grad School	626,225	2	62000	1	0	0	0	0	688,225	3
SPAA	0	0	149,785	3	30,000	1	4,200	1	183,985	5
	46,388,672	163	10,495,173	102	2,975,935	17	2,058,880	17	62,307,768	299
RU-N funding by source	74%	55%	17%	34%	5%	6%	3%	6%	100%	100%

FY 2018 Submitted Proposals by Request Amount (\$) and Number (#)
By source and RU-N unit

	Federal		Foundation		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	26,763,882	94	4,042,315	55	1,325,499	9	255,398	9	32,387,093	164
RBS	4,175,049	11	877,709	10	803,000	4	30,000	1	5,885,758	26
Chancellor	1,280,792	6	1,104,587	21	3,660,000	2	0	0	6,045,379	32
SCJ	976,593	6	792,851	5	15,000	1	0	0	1,784,444	12
Law	241,667	3	193,010	6	0	0	5,000	1	439,677	10
Grad School		0	56,498	1	0	0	0	0	56,498	1
SPAA	149,978	1	78,200	4	34,400	1	0	0	261,578	7
Total	38,590,700	121	7,145,170	102	5,836,899	17	290,398	11	46,860,428	252
RU-N funding by source	72%	48%	15%	41%	12%	7%	1%	4%	100%	100%

Percentage of total RU-N proposals by School, FY16 – FY18

	FY16		FY17		FY 18		% of Total FY16 - FY18
	\$	%	\$	%	\$	%	
SASN	32,985,232	71%	33,122,532	53%	32,387,093	69%	64%
RBS	3,138,920	7%	14,259,025	23%	5,885,758	13%	15%
Chancellor	6,580,514	14%	11,653,347	19%	6,045,379	13%	16%
SCJ	1,808,072	4%	1,872,290	3%	1,784,444	4%	4%
Law	620,000	1%	528,364	1%	439,677	1%	1%
Graduate School	1,177,320	3%	688,225	1%	56,498	0%	1%
SPAA	224,784	0%	183,985	0%	261,578	1%	0%
Total	46,534,842	100%	62,307,768	100%	46,860,428	100%	100%

Research Advisory Committee, 2019 - 2020

Chair

Piotr Piotrowiak, Vice Chancellor for Research & Collaborations
and Professor, Chemistry, SAS-N

Paul Boxer, Professor, Psychology, SAS-N; Co-Director, Center on Youth Violence and
Juvenile Justice

John Cantwell, Distinguished Professor of International Business, Management & Global
Business, Rutgers Business School

Todd Clear, University Professor, School of Criminal Justice; former Provost, RU-N, 2014-16

Wilma Friedman, Professor, Biological Sciences, SAS-N

Yuan Gao, Professor, Earth & Environmental Sciences, SAS-N

Bart Krekelberg, Associate Director and Associate Professor, Center for Molecular and
Behavioral Neuroscience, SAS-N

Alan Sadvnik, Board of Governors Distinguished Service Professor; Associate Director,
Center for Collaboration and the Urban Child (CCUC), School of Public Affairs and
Administration

Jaideep Vaidya, RBS Dean's Research Professor of Computer Information Systems,
Management Science & Information Systems, Rutgers Business School

Miklos Vasarhelyi, KPMG Distinguished Professor of Accounting Information Systems,
Director of Rutgers Accounting Research Center, and Director, Continuous Auditing
& Reporting Lab (CAR Lab)

Hui Xiong, RBS Dean's Research Professor, Management Science & Information Systems,
Rutgers Business School

New tenured faculty recognized for accomplishment and future promise

This past May, newly-promoted Associate Professors **Michal Szostak** (Chemistry) and **Liz Bonawitz** (Psychology) each received a **Rutgers Board of Trustees Research Fellowship for Scholarly Excellence award** in recognition of their outstanding accomplishments in their early years at Rutgers and for the exceptional promise of their future work, as documented in their promotion packets. **Michele Pavanello** (Chemistry) received the award last year. The University-wide Promotion Review Committee selects only 5 faculty from all those who were promoted with tenure.

Dr. Bonawitz received the award for “her excellent and original scholarship in computational cognitive development, including her usage of lab-based experiments, large-scale online data collection, and computational models; and her innovative work on important topics in developmental psychology, such as play, learning, causal reasoning, and education.”



Dr. Szostak was recognized for “his pioneering research in the development of new catalytic processes for the formation of chemical bonds, whose discoveries have potentially profound consequences for the pharmaceutical industry.” He was recently awarded an NIH Outstanding Investigator Award for a project to develop new catalytic methods in



synthetic chemistry with high relevance to the synthesis of pharmaceuticals.

Dr. Pavanello was cited for “his leadership and pioneering scholarship in computational chemistry and his thoughtful approach to problems at the cutting edge of subsystem density functional theory, which have significant relevance to chemistry as well as materials science and biology.”



The recognition of some of our world-class faculty and their success in winning peer-reviewed awards, demonstrate the strength of our faculty and of our programs in the sciences.

Urban entrepreneurs are key to Newark's economic development

For the past 10 years, the Rutgers Business School's Center for Urban Entrepreneurship & Economic Development (CUEED) has brought a research-driven and practitioner-oriented approach to training and mentoring a new generation of urban entrepreneurs and embedding them within supportive peer networks to create wealth within the urban community. Executive Director **Lyneir Richardson** and his colleagues have secured support for its initiatives from private capital, municipal government, the non-profit sector and the federal government, over \$1.3 million in the last two years alone. Among the programs created and hosted by CUEED are:

- **Entrepreneurship Pioneers Initiative (EPI)** is a highly competitive nine-month program for first-generation entrepreneurs, offering a potent program of monthly classes, intensive training, one-on-one counseling, financial guidance, peer coaching and networking at a nominal cost.
- **Black and Latinos in Technology (BLT)** is a 3-month long "pre-accelerator" for technology entrepreneurs of color to develop critical skills, develop relationships and refine business ideas to attract significant capital investment and developing a pipeline of Black and Latino entrepreneurs for their established venture capital partners.
- **CUEED Pipeline to Inclusive Innovation (CUEED PII)** aims to increase the number of underrepresented inventors, scientists and technology-focused Minority Business Enterprises (MBEs) engaged in federally funded innovation and technology programs. This program is funded through the federal Minority Business Development Agency.

- **Urban Retail Acceleration Program (URAP)** supports Black and Latino entrepreneurs who currently operate a retail or restaurant business in New Jersey and want to open a new retail store or restaurant.
- **Newark Business Hub** is a networked accelerator dedicated to empowering media and arts entrepreneurs to grow their business faster, better and stronger.
- **Etsy Craft Entrepreneurship Workshop** helps craft makers, in partnership with Etsy, a leader in e-commerce for creative entrepreneurs, to establish an online business to sell products to a wider market and earn extra income.

Recently, Dr. Jeffrey Robinson, Associate Professor and Academic Director of CUEED, received two NSF awards. The first is an NSF EAGER (Early Action Grant for Exploratory Research) award for "**Inclusive Innovation - Increasing the Participation of Women and Underrepresented Minorities in the NSF I-Corps Program,**" which supports efforts to identify and integrate effective strategies for diversity and inclusion in NSF's national network of innovation corps sites (I-Corps). The second is a \$3.5 million cooperative agreement, "**A National Initiative to Develop Diversity and Inclusion Infrastructure for STEM Innovation**" on which Dr. Robinson is a co-PI. This award supports a collaboration between the National GEM Fellowship Consortium (GEM) and NSF to increase the number of women and underrepresented minorities in STEM entrepreneurship. GEM is a national network of major corporations, government laboratories, top universities, and top research institutions that enables qualified students from underrepresented communities to pursue graduate education in applied science and engineering. Dr. Robinson will lead 3 research and evaluation teams across 4 universities that are conducting studies related to this project.

The Rutgers University-Newark (RU-N) Office of Research and Sponsored Programs (ORSP) provides support to faculty, students, and staff from across RU-N who are working to secure external funding for their research projects and academic programs.

How Can We Help? RU-N ORSP's staff members are available to meet with you to talk about your research and academic project interests and connect you to various resources designed to help you find funding and collaborative opportunities. We welcome researchers at all levels of expertise and look forward to talking with you about a specific proposal as well as exploring ideas and possibilities for support of your research, outreach, and other academic projects. Please contact us to arrange an individual meeting, a presentation, or a seminar for small groups.

Letitia Dean , Assistant Director	deanle@rutgers.edu	973-353-1538
Joe Broderick , Senior Grant Facilitator	joe.broderick@rutgers.edu	973-353-1533
Patricia Bender , Research Contract/Grant Specialist	pbender@rutgers.edu	973-353-1539
Tim Kirby , Research Contract/Grant Specialist	timkirby@rutgers.edu	973-353-1540
Reuel Mebuin , Research Support Specialist	r.mebuin@rutgers.edu	973-353-3461
Lisa Condobery , Senior Administrative Assistant	lisaj@newark.rutgers.edu	973-353-1537

You may want to explore some **on-line resources and databases** available to all members of the RU-N community even before meeting with us. These include:

- ***GrantForward*** contains information on over 25,000 funding opportunities for over \$50 billion. These awards are available from federal, state, and foundation funding sources. In addition, personal profiles may be created which allow users to have a personal research profile. <https://www.libraries.rutgers.edu/indexes/grantforward>
- ***grants.gov*** lists federal grant funding opportunities (<https://www.grants.gov/web/grants/search-grants.html>)
- ***Foundation Directory Online*** (<http://www.libraries.rutgers.edu/indexes/fonline>) The *Foundation Directory Online (Professional)* provides information on more than 100,000 foundations, corporate giving programs, and grant making public charities in the US.
- ***GRADFUND*** (<http://gradfund.rutgers.edu/index.php>) provides valuable information and resources for graduate students as well as a database of grant opportunities.

Do you have questions about how to interpret institutional and sponsor policies and regulations? Please consult our website (<http://researchoffice.newark.rutgers.edu/>) or give us a call. We can help you find the policy and the policy professional best prepared to address your needs.

We look forward to working with you.

Piotr Piotrowiak, Vice Chancellor for Research & Collaborations, piotr@newark.rutgers.edu, 973-353-1537

Visit us at Blumenthal Hall, Suite 206, 249 University Avenue and <https://researchoffice.newark.rutgers.edu/>