

# RUTGERS

Research Office | Newark



## FY2022-2023 BIANNUAL REPORT

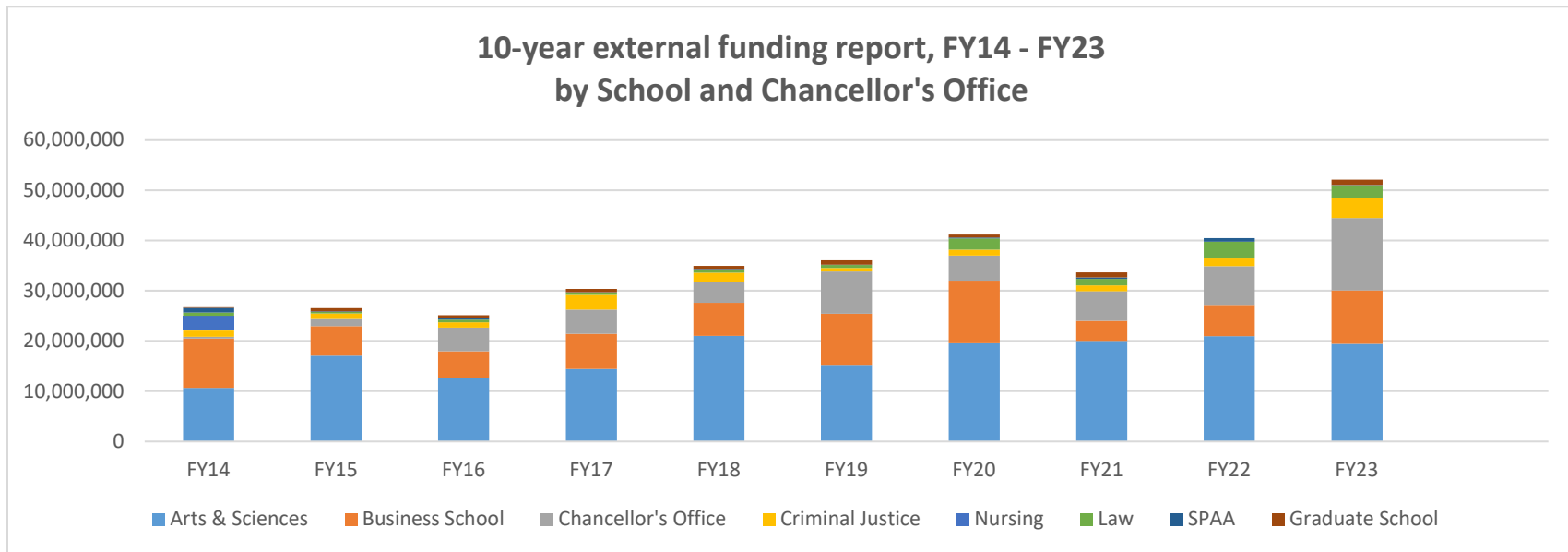
Office of Research & Sponsored Programs

July 1, 2021 - June 30, 2023

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School/Unit	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23
Arts & Sciences	10,647,978	17,107,628	12,562,025	14,424,320	20,999,942	15,281,328	19,561,519	20,029,068	20,955,753	19,412,506
Business School	9,848,476	5,862,114	5,383,565	7,018,806	6,625,645	10,174,520	12,447,587	3,984,124	6,237,424	10,652,647
Chancellor's Office	378,525	1,418,466	4,738,992	4,823,659	4,235,607	8,408,843	5,015,016	5,863,487	7,690,279	14,416,236
Criminal Justice	1,234,996	1,092,326	1,051,300	2,928,770	1,749,228	700,575	1,167,916	1,188,657	1,569,565	3,982,869
Nursing	2,912,495	*								
Law	650,623	297,266	535,000	479,197	645,896	550,616	2,233,354	1,308,461	3,323,955	2,566,346
SPAA	947,716	134,200	215,438	42,200	104,100	57,500	162,064	310,048	732,623	41,481
Graduate School	90,000	635,775	663,996	626,225	626,225	921,181	626,225	976,567	0	1,070,687
<b>Total RU-N</b>	<b>26,710,808</b>	<b>26,547,775</b>	<b>25,150,316</b>	<b>30,343,177</b>	<b>33,913,429</b>	<b>36,094,563</b>	<b>41,213,681</b>	<b>33,660,412</b>	<b>40,509,599</b>	<b>52,142,772</b>

**Note:** \* The School of Nursing joined RBHS with the merger of UMDNJ 7/1/13.

## Award Data FY2022 - FY2023

SCHOOL / DEPARTMENT	FY2022	FY2023
<b>Chancellor's Office</b>	<b>7,690,279</b>	<b>14,416,236</b>
Chancellor's Office	4,279,000	9,410,052
Abbott Leadership Institute	276,525	0
Academic Foundations Center	536,993	716,201
Academic Programs & Services	20,000	0
Center for Precollege Programs	1,001,909	1,047,245
Cornwall Center for Metropolitan Studies	1,065,852	967,000
Counseling Center	0	375,000
Express Newark	0	10,000
Honors Living and Learning Community	250,000	1,860,000
Office of University Community Partnerships	120,000	0
Paul Robeson Gallery	40,000	5,000
Student Affairs	100,000	0
<b>School of Arts &amp; Sciences - Newark</b>	<b>20,955,753</b>	<b>19,412,506</b>
Arts, Culture, and Media	27,750	0
Biological Sciences	4,025,777	3,055,573
Center for Molecular & Behavioral Neuroscience	6,018,193	6,436,153
Chemistry	2,318,055	c
Clement Price Institute	175,459	188,000
Earth & Environmental Sciences	3,971,535	3,928,248
Economics	28,222	28,954
English	157,927	218,783
History	66,070	10,000
Humanities Action Lab	0	1,100,000
Mathematics & Computer Science	885,662	554,754
New Arts Justice	7,500	0
Physics	1,570,236	114,999
Political Science	26,087	0
Psychology	701,106	1,310,486
Sociology and Anthropology	350,000	53,994
Spanish and Portuguese Studies	150,000	0
Urban Education	476,174	819,001

SCHOOL / DEPARTMENT	FY2022	FY2023
<b>Rutgers Business School</b>	<b>6,237,424</b>	<b>10,652,647</b>
Accounting, Business Ethics and Information Systems	0	17,072
Dean's Office	25,000	60,000
Finance and Economics	33,660	0
Institute for Ethical Leadership	273,898	180,000
Management and Global Business	0	44,852
Management Science & Computer Information Studies	150,518	362,983
Public Private Community Partnership Program	120,662	0
Rutgers Advanced Institute for the Study of Entrepreneurship and Development (RAISED)	63,852	0
RBS Center for Urban Entrepreneurship and Economic Development	215,000	993,998
Rutgers Institute for Data Science, Learning, and Applications	446,005	605,897
Small Business Development Center	4,702,483	8,387,845
Supply Chain Management	206,346	0
<b>School of Criminal Justice</b>	<b>1,569,565</b>	<b>3,982,869</b>
<b>Graduate School-Newark</b>	<b>0</b>	<b>1,070,687</b>
<b>Law School-Newark</b>	<b>3,323,955</b>	<b>2,566,346</b>
<b>School of Public Affairs &amp; Administration</b>	<b>732,623</b>	<b>41,481</b>
<b>Total</b>	<b>\$40,509,599</b>	<b>\$52,142,772</b>

## Creating Connections: Rutgers-Newark receives \$2.8 million to enhance digital equity in Newark

Rutgers-Newark was awarded a \$2.8 million grant from the Department of Commerce to increase digital equity in the city of Newark and on campus. The Rutgers-Newark program will expand broadband access to underserved communities, teach computer literacy skills, and help train Newark residents and RU-N students for careers in tech service. “We intend to use the award to make a collective impact on the city,” said Amber Randolph, Rutgers-Newark senior vice chancellor for administration, economic development and chief financial officer and is the principal investigator of the grant. The award will enhance digital infrastructure and equitable access in Newark, in addition to expanding campus Wi-Fi and upgrading RU-N’s technology resources.



Additional goals include working with the NJ Department of Corrections residential community reintegration programs to provide devices, like laptops, tablets, mobile phones, and desktops, and digital literacy skills. The plan will also help Newark residents and students gain career training in the tech and telecom industry and will deliver digital literacy training and devices to community members. The effort includes partnerships with City of Newark, Newark Alliance, Teknogrid, Invest Newark, Urban League of Essex County, State Department of Corrections, Kite and Key, the Newark School of Data Science & Information Technology and other Rutgers-Newark administrative and academic departments.

## Rutgers Brain Imaging Center Becomes a Regional Hub

The Rutgers Brain Imaging Center (RUBIC) has grown into a regional hub for advanced exploration into the workings of the human brain, drawing researchers to Rutgers University–Newark from across the Tri-state area. More than 150 researchers have used the scanner since RUBIC’s founding in 2010 with an average of 20-25 PIs annually. In August 2022, the center installed a new state-of-the-art brain-imaging scanner, which promises to significantly bolster its capacity and increase both the scope and quality of its research. The new instrument, a Siemens PRISMA functional magnetic resonance imaging (fMRI) scanner, was made possible by a \$1.6 million grant from the National Science Foundation (NSF) plus additional matching funds from various entities at Rutgers University.

The new scanner will provide a much-needed upgrade and complement to the Siemens TRIO scanner that RUBIC has used since its inception in 2010. “The PRISMA is a much faster, higher-resolution, and more sophisticated scanner that is crucial to the sustainability and value of the center,” noted RUBIC Director Stephen Jose Hanson, a professor in the Department of Psychology. “The PRISMA scanner alone increases the chances of NSF and NIH grant-funding significantly, since federal agencies want to fund cutting-edge research projects using the most advanced technology.”



## Mellon Foundation provides \$1.1 million to support public humanities



Liz Ševčenko is the founding director of the Humanities Action Lab (HAL), a consortium of universities, community organizations, and cultural institutions in over 30 cities, led by Rutgers University-Newark, that since 2012 has collaboratively produced national, multi-year public humanities projects on urgent social issues. HAL received a \$1.1 million award from the Mellon Foundation to support two long-standing initiatives, *Climates of Inequality* and *States of Incarceration*. The project title is *Public History for a Just Transition: Pedagogies, Projects, and Partnerships for Rapid Crisis Response and Long-term Reckoning*, which allows HAL to expand its programming to stimulate wider engagement in pressing social challenges.

## Percentage of total RU-N awards by School, FY21 – FY23

	FY21		FY22		FY 23		Cumulative Total
	\$	%	\$	#			FY21 – FY23
<b>SASN</b>	20,029,068	60%	20,955,753	52%	19,412,506	37.2%	47.8%
<b>RBS</b>	3,984,124	12%	6,237,424	15%	10,652,647	20.4%	16.5%
<b>Chancellor</b>	5,863,487	17%	7,690,279	19%	14,416,236	27.6%	22.1%
<b>SCJ</b>	1,188,657	4%	1,569,565	4%	3,982,869	7.6%	5.3%
<b>Law</b>	1,308,461	4%	3,323,955	8%	2,566,346	4.9%	5.7%
<b>Graduate School</b>	976,567	3%	0	0	1,070,687	2.1%	1.6%
<b>SPAA</b>	310,048	1%	732,623	2%	41,481	0.1%	0.9%
<b>Total</b>	<b>33,660,412</b>	<b>100%</b>	<b>40,509,599</b>	<b>100%</b>	<b>52,142,772</b>	<b>100%</b>	<b>100.0%</b>

## Newark Public Safety Collaborative awarded \$3 million from DOJ



Dr. Alex Gimenez-Santana, Assistant Professor of Professional Practice in the School of Criminal Justice (SCJ), received a three-year grant to seed “the development, implementation, and testing of a new or innovative approach to achieving community safety that is an alternative to a traditional enforcement model for less serious and lower-level crimes.”

Researchers in the School of Criminal Justice convened the Newark Public Safety Collaborative (NPSC) to analyze locations associated with low-level crimes—abandoned buildings, vacant lots, poor lighting—rather than targeting perpetrators. The NPSC shares data with community partners and helps mobilize community resources to develop solutions to crime problems. NPSC was formed in 2018 through a partnership with the Newark Mayor’s Office and has brought together 45 local community agencies, including community-based organizations (CBOs), police, local government, and businesses. The grant will engage CBOs in three areas of the city to develop and test crime prevention strategies.

### FY2022 awards by source and RU-N unit

RU-N unit	Federal		Foundation		New Jersey		Corporations		Total	
	Amount	#	Amount	#	Amount	#	Amount	#	Amount	#
SASN	16,943,857	51	2,894,244	49	298,070	5	819,582	10	20,955,753	115
RBS	4,084,006	5	441,277	5	1,324,981	4	387,160	12	6,237,424	26
Chancellor	1,389,344	5	2,634,187	23	2,407,748	8	1,259,000	4	7,690,279	40
SCJ	90,791	1	878,774	8	0	0	600,000	1	1,569,565	10
Law	111,300	2	1,820,000	3	1,392,655	2	0	0	3,323,955	7
Grad School										
SPAA	0	0	232,623	8	500,000	1	0	0	732,623	9
<b>Total</b>	<b>22,619,298</b>	<b>64</b>	<b>8,511,243</b>	<b>96</b>	<b>5,923,454</b>	<b>20</b>	<b>3,065,742</b>	<b>27</b>	<b>40,509,599</b>	<b>207</b>
<b>RU-N funding by source</b>	<b>55.8%</b>	<b>30.9%</b>	<b>21.0%</b>	<b>46.4%</b>	<b>14.6%</b>	<b>9.7%</b>	<b>7.6%</b>	<b>13.0%</b>	<b>100%</b>	<b>100%</b>

### FY2023 awards by source and RU-N unit

RU-N unit	Federal		Foundation		New Jersey		Corporations		Total	
	Amount	#	Amount	#	Amount	#	Amount	#	Amount	#
SASN	15,591,704	49	3,251,486	31	490,001	7	79,315	4	19,412,506	91
RBS	8,093,438	11	1,000,209	11	1,000,000	2	559,000	5	10,652,647	29
Chancellor	4,466,396	7	3,236,840	21	808,000	6	5,905,000	5	14,416,236	39
SCJ	3,000,000	1	982,869	14	0	0	0	0	3,982,869	15
Law	0	0	2,316,345	5	0	0	250,001	1	2,566,346	6
Grad School	1,070,687	2	0	0	0	0	0	0	1,070,687	2
SPAA	0	0	41,481	4	0	0	0	0	41,481	4
<b>Total</b>	<b>32,222,225</b>	<b>70</b>	<b>10,829,230</b>	<b>86</b>	<b>2,298,001</b>	<b>15</b>	<b>6,793,316</b>	<b>15</b>	<b>52,142,772</b>	<b>186</b>
<b>RU-N funding by source</b>	<b>61.8%</b>	<b>37.6%</b>	<b>20.8%</b>	<b>46.2%</b>	<b>4.4%</b>	<b>8.1%</b>	<b>13.0%</b>	<b>8.1%</b>	<b>100%</b>	<b>100%</b>

## Distinctions



**Salamishah Tillet** was awarded a Pulitzer Prize in criticism for her New York Times essays on race in arts and culture. Tillet is a Henry Rutgers Professor of African American Studies & Creative Writing at Rutgers-Newark and the director of Express Newark. The Pulitzer judges cited Tillet "for learned and stylish writing about Black stories in art and popular culture—work that successfully bridges academic and nonacademic critical discourse."



Associate Professor **Sarah Lageson** (SCJ) was honored with the annual Hindelang Outstanding Book Award of the American Society of Criminology for her book, *Digital Punishment: Privacy, Stigma, and the Harms of Data-Driven Criminal Justice*. The book was recognized as "the most outstanding contribution to research in criminology" in 2021.



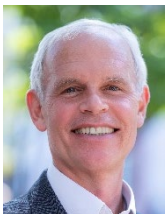
**Michele Pavanello**, a professor of Chemistry and Physics at Rutgers University–Newark, was honored with the American Chemical Society Early Career Award in Theoretical Chemistry. ACS's Physical Chemistry Division presents this prestigious honor annually to one faculty member from around the globe who is in the first 10 years of their career as an independent researcher.



**Jaideep Vaidya**, Distinguished Professor and Vice Chair of the Department of Management Science and Information Systems in the Rutgers Business School was named a fellow of the American Association for the Advancement of Science (AAAS) and "Honored for distinguished contributions to the fields of privacy protection in data analytics, information sharing and access control management." Vaidya has devised applications to allow research data to be used while protecting individual privacy.



**Jordan Casteel**, an Associate Professor in the Arts, Culture & Media department at SASN, joined the 2021 class of MacArthur Fellow and received a \$625,000 stipend with no conditions on how it is used (the "genius grant"). Awardees are nominated anonymously by leaders in their respective fields and are considered by an anonymous selection committee. Recipients learn of their selection when they receive a call from the MacArthur Foundation.



**Andrew Rothman, J.D.**, actively pursues and secures sponsored program funding. The Rutgers Law Associates Substance Abuse Fellowship is just one example of an award to expand access to pro bono legal services. Andrew also actively seeks external funding to broaden the scope of services under his supervision. He submitted a proposal to provide legal services to victims of domestic violence to the United States Department of Justice in 2023 and is currently formalizing a referral partnership with a local domestic violence service organization.



### **Aerobics helps some older adults to improve brain health; others do not benefit as much. Why?**

Mark Gluck, professor of Neuroscience and Public Health and Director of the [Aging & Brain Health Alliance at Rutgers-Newark's CMBN](#), received a five-year, \$4.7 million grant from NIH for a project titled, *Determinants of Individual Differences in the Efficacy of Aerobic Exercise to Improve Brain Health and Reduce Alzheimer Disease Risk in Older African Americans*. While earlier research demonstrated the benefits of cardio exercise, the results within the study cohort showed that not all benefited to the same degree. In this new study, participants will be assigned to one of two groups, cardio dance and exercises to improve strength, flexibility, and balance. The goal is to develop low-cost, non-pharmaceutical means to improve brain health, and ultimately to identify personalized health regimes that prove most effective.

### **Rutgers joins NSF Engines collaboration for advancing photonics**

The National Science Foundation has awarded an NSF Engines Development Award to a consortium led by Princeton and Rowan called Advancing Photonics Technologies, with the participation of Rutgers-Newark and Rutgers-New Brunswick and 10 other universities, 11 companies, state development entities and incubators and accelerators with partners throughout New Jersey, Delaware, Pennsylvania, and New York. Forty teams received NSF Engines Development Awards, which provide two years of funding to create a plan for economic, societal, and technological opportunities in a defined region. The funding will be used to prepare competitive proposals for up to \$160 million to implement the plan. Photonics is the science and technology of generating, detecting, and using light in inventions found in medicine, communications, and defense, and can be found in self-driving cars, fiberoptics, and precision manufacturing, among other uses. It is an area of significant growth and global economic impact. Rutgers' participation in the regional consortium is led by Piotr Piotrowiak, Senior Vice Chancellor for Research and Professor of Chemistry in the School of Arts and Sciences, Newark, and Deirdre O'Carroll, Graduate Program Director and Associate Professor of Materials Science and Engineering, School of Engineering, Rutgers-New Brunswick.

### **Hepburn wins funding to study pandemic-era eviction prevention and health**

Assistant Professor Peter Hepburn, of Rutgers University-Newark's Department of Sociology & Anthropology, has been awarded a four-year \$1.9 million grant from the National Institutes of Health (NIH) to evaluate the effects of pandemic eviction-prevention policies on individual and area-level mortality, addressing critical questions at the intersection of housing and health and offering important lessons for future policy making. Hepburn, a sociologist and demographer, and his co-PI, Danya Keene, Associate Professor at the Yale School of Public Health, examine housing and housing policy as determinants of population health equity. They are leading an interdisciplinary team of researchers from Princeton University, Boston University, George Washington University and Penn State University. The new project has evolved from work that Hepburn has been doing at the Eviction Lab at Princeton University, where he was a postdoctoral research fellow from 2018 to 2020. During this time, Hepburn built an Eviction Tracking System (ETS) to monitor eviction filing patterns in real-time and to understand how policies were reducing housing-court caseloads.

**FY22 – FY23 Submitted proposals**

<b>SCHOOL NAME/ DEPARTMENT</b>	<b>FY2022</b>	<b>FY2023</b>
<b>Chancellor-Newark</b>	<b>6,829,494</b>	<b>4,053,931</b>
Chancellor-Newark	4,729,650	815,500
Abbott Leadership Institute	92,000	0
Academic Foundations Center	261,888	41,973
Academic Programs and Services	5,000	0
Career Development and Placement Services	50,000	0
Center for Precollege Programs	657,687	326,674
Counseling Center	0	375,001
Joseph C. Cornwall Center for Metropolitan Studies	851,398	1,703,383
Express Newark	0	290,000
Honors Living and Learning Community	50,000	466,400
Office of University Community Partnerships	91,871	0
Paul Robeson Art Gallery	40,000	5,000
Student Affairs	0	30,000
<b>School of Arts &amp; Sciences - Newark</b>	<b>49,959,952</b>	<b>39,802,406</b>
Arts, Culture and Media	27,732	29,978
Biological Sciences	6,344,462	3,229,232
Center for Molecular & Behavioral Neuroscience	16,914,380	7,592,089
Chemistry	1,762,048	2,321,701
Clement A. Price Institute on Ethnicity, Culture, and the Modern Experience	177,462	2,114,409
Division of Global Affairs	0	7,500
Earth & Environmental Sciences	9,281,572	1,624,870
Economics	7,100	0
English	156,747	99,990
History	347,390	396,051
Humanities Action Lab	224,786	645,305
Mathematics & Computer Science	7,204,931	4,742,028
New Arts Justice	7,500	0
Philosophy	0	52,897
Physics	924,005	1,663,109
Political Science	159,357	12,622
Psychology	5,411,195	14,278,944

<b>FY22 – FY23 Submitted proposals, <i>continued</i></b>		
<b>SCHOOL NAME/ DEPARTMENT, <i>continued</i></b>	<b>FY2022</b>	<b>FY2023</b>
<b>School of Arts &amp; Sciences – Newark, <i>continued</i></b>		
Social Work	246,966	54,076
Sociology and Anthropology	260,007	60,193
Spanish and Portuguese Studies	169,919	15,000
Urban Education	332,394	862,412
<b>Rutgers Business School</b>	<b>15,123,505</b>	<b>10,612,807</b>
Finance and Economics	33,660	141,927
Institute for Data Science, Learning and Applications	1,894,787	1,553,291
Institute for Ethical Leadership	277,800	160,000
Management Science & Computer Information Systems	129,506	479,356
Marketing	239,989	
RBS Center for Urban Entrepreneurship and Economic Development	366,646	1,047,647
RBS OPPCP	9,500	0
RBS-RAISED	63,952	0
Rutgers Business School	25,000	192,483
Small Business Development Center HQ	5,977,484	5,599,338
Supply Chain Management	6,105,181	1,438,765
<b>School of Criminal Justice</b>	<b>292,192</b>	<b>2,292,789</b>
<b>Graduate School-Newark</b>	<b>0</b>	<b>0</b>
<b>Law School-Newark</b>	<b>200,000</b>	<b>1,130,483</b>
<b>School of Public Affairs &amp; Administration</b>	<b>721,382</b>	<b>488,088</b>
<b>Total Request</b>	<b>\$73,126,525</b>	<b>\$58,380,505</b>

**NEH awards \$150,000 to Lives in Translation**

**Jennifer Austin** and **Stephanie Rodriguez**, who lead RU-N's Lives in Translation (LiT) project, were awarded \$150,000 to create a certificate program in translation and interpretation in the Spanish & Portuguese Studies department, and to develop its curricular, service-learning, and language-documentation training components. The grant from the National Endowment for the Humanities will also fund an annual conference at RU-N on translation, interpreting and multilingualism for faculty, students and interested audiences in the region. It will also support ongoing work done on LiT's new web-based platform in collaboration with Assistant Professor Chantal Fischzang (ACM) and her students in the Design Consortium and to jointly create an audiovisual exhibit.

**Fiserv-RU-N Program for Inclusive Innovation**

Fiserv, Inc., a Fortune 500 company and a leading global provider of payments and financial services technology, is collaborating with Rutgers University-Newark to create a new program designed to drive diversity and innovation within the financial technology field. Fiserv has committed \$5.15 million for the program. The **Fiserv-RU-N Program for Inclusive Innovation** will establish research an incubation space for the RU-N community and local businesses, provide annual scholarships for undergraduate students over a five-year time span, and support career modules to prepare students for internships and jobs, including positions within the company. Fiserv will also support research involving technology and commerce, such as cybersecurity and legal and ethical topics surrounding financial technology.

In December of 2022, Fiserv, Inc. and Rutgers University–Newark announced the statewide launch of Back2Business program, which will support the state’s small businesses with \$10K grants for training/support to 100 women-, veteran- and minority-owned businesses. The Entrepreneurship Pioneers Initiative (EPI), now in its 16<sup>th</sup> year in the Rutgers Business School, will choose 30 entrepreneurs from across the state, with a special interest in businesses headed by owners who are women and/or Black, Indigenous and other people of color.

<b>Percentage of total \$ requested by School, FY21 – FY23</b>							
	FY 21		FY 22		FY 23		<b>% of Total \$ FY21 – FY23</b>
	\$	%	\$	%	\$	%	
<b>SASN</b>	29,021,405	56%	49,959,952	68%	39,802,406	67.7%	64.7%
<b>RBS</b>	10,627,599	21%	15,123,505	21%	10,612,807	18.1%	19.8%
<b>Chancellor</b>	5,692,472	11%	6,829,494	9%	4,053,931	6.9%	9.0%
<b>SCJ</b>	2,389,272	5%	292,192	0%	2,292,789	3.9%	2.7%
<b>Law</b>	3,352,829	6%	200,000	0%	1,130,483	1.9%	2.6%
<b>Graduate School</b>	47,845	0%		0%	0	0.0%	0.0%
<b>SPAA</b>	481,157	1%	721,382	1%	488,088	0.8%	0.9%
<b>Total</b>	<b>51,612,579</b>	<b>100%</b>	<b>73,126,525</b>	<b>100%</b>	<b>58,380,504</b>	<b>100%</b>	<b>100%</b>

**Rutgers Business School provides career prep to women undergraduates**

Members of Rutgers Business School’s Women **Business Undergraduates in Leadership Development (BUILD)**, a two-year mentoring program, marked the end of the academic year with a traditional summit that included a ceremonious farewell for more than 30 graduating seniors. The event featured a panel discussion and offered members a chance to network with invited professionals. Thirty-six seniors were also recognized for their work and accomplishments during their time in the program. Women BUILD is open to high-performing female sophomores and juniors from Rutgers Business School’s two campuses. It offers them career preparation, provides them with mentors and fosters a solidarity that empowers them for success in the workplace and the world.

<b>FY 2023 Submitted Proposals by source and RU-N unit</b>										
	<b>Federal</b>		<b>Foundation</b>		<b>New Jersey</b>		<b>Corporations</b>		<b>Total</b>	
	\$	#	\$	#	\$	#	\$	#	\$	#
<b>SASN</b>	33,607,624	81	5,287,808	50	746,409	10	160,565	4	39,802,406	145
<b>RBS</b>	5,100,816	11	2,322,059	9	2,202,766	4	987,166	15	10,612,807	39
<b>Chancellor</b>	151,147	1	2,209,783	25	1,173,001	8	520,000	4	4,053,931	38
<b>SCJ</b>	1,409,752	4	583,037	7	0	0	300,000	1	2,292,789	12
<b>Law</b>	223,026	1	530,475	4	0	0	376,982	2	1,130,483	5
<b>Grad School</b>	0	0	0	0	0	0	0	0	0	0
<b>SPAA</b>	239,975	2	248,113	5	0	0	0	0	488,088	7
<b>Total</b>	<b>40,732,340</b>	<b>100</b>	<b>11,181,275</b>	<b>100</b>	<b>4,122,176</b>	<b>22</b>	<b>2,344,713</b>	<b>26</b>	<b>58,380,504</b>	<b>248</b>
<b>RU-N funding by source</b>	<b>70%</b>	<b>40%</b>	<b>19%</b>	<b>40%</b>	<b>7%</b>	<b>9%</b>	<b>4%</b>	<b>11%</b>	<b>100%</b>	<b>100%</b>

<b>FY 2022 Submitted Proposals by source and RU-N unit</b>										
	<b>Federal</b>		<b>Foundation</b>		<b>New Jersey</b>		<b>Corporations</b>		<b>Total</b>	
	\$	#	\$	#	\$	#	\$	#	\$	#
<b>SASN</b>	43,020,772	108	5,745,231	69	352,019	4	841,931	9	49,959,952	190
<b>RBS</b>	12,072,465	12	1,298,091	8	1,279,989	3	472,960	13	15,123,505	36
<b>Chancellor</b>	2,337,462	4	1,151,260	15	2,187,408	6	1,153,400	4	6,829,494	29
<b>SCJ</b>	0		292,192	10	0		0		292,192	10
<b>Law</b>	100,000	1	100,000	1	0		0		200,000	2
<b>Grad School</b>										
<b>SPAA</b>			462,007	8	259,375	1			721,382	9
<b>Total</b>	<b>57,530,699</b>	<b>125</b>	<b>9,048,781</b>	<b>111</b>	<b>4,078,791</b>	<b>14</b>	<b>2,468,291</b>	<b>26</b>	<b>73,126,525</b>	<b>276</b>
<b>RU-N funding by source</b>	<b>79%</b>	<b>45%</b>	<b>12%</b>	<b>40%</b>	<b>6%</b>	<b>5%</b>	<b>3%</b>	<b>9%</b>	<b>100%</b>	<b>100%</b>

**Clare Booth Luce Program award supports undergraduate women in earth sciences**

Professor Ashaki Rouff in Earth and Environmental Sciences received \$225,000 in funding from the Clare Booth Luce Program for Women in STEM. The grant will fund 3 undergraduates to enable them to focus on their studies during the final two undergraduate years. “It is in working closely with students in the lab and in the field that we really get to know each other, and they get to see what careers in STEM look and feel like. They can begin to see their futures in STEM,” added Dr. Rouff.

Dr. Rouff (PI), along with EES Associate Professor Kristina Keating and Distinguished Professor Alec Gates (co-PIs), were awarded \$4.3 million in National Science Foundation (NSF) funding to build and sustain what they call a Newark Geoscience Ecosystem, a four-year education and workforce development initiative, starting in 2023, that builds on work each has been doing locally and regionally, while offering professional development to RU-N graduate students and bringing institutional knowledge to bear on local problems. The project revolves around two cohorts of six minority EES graduate students, who will take a series of one-credit supplemental courses. Their research is augmented by NSF funding for portable X-ray fluorescence (pXRF) and portable laser-induced breakdown spectroscopy (pLIBS) instruments by providing in-field non-destructive analysis of elemental concentrations in natural, urban and human-impacted environments.

## **Research Advisory Committee, 2022 - 2023**

### **Chair**

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

**Wilma Friedman**, Professor and Chair, Biological Sciences, SAS-N

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

**Mayte Green-Mercado**, Campus Director, Institute for the Study of Global Racial Justice at Rutgers University-Newark; Associate Professor, SAS-N History; Director, Middle Eastern and Islamic Studies Minor; Co-director of the Mediterranean Displacements Project

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

**Gregory Porumbescu**, Associate Professor, School of Public Affairs and Administration, and interim Executive Director of the New Jersey Policy Lab, and Associate Director of the Transparency and Governance Center.

**Elizabeth Tricomi**, Associate Professor, Psychology, SAS-N

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

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

## Rutgers University-Newark (RU-N) Office of Research and Sponsored Programs (ORSP)

We provide 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, training, and other academic projects. Please contact us to arrange an individual meeting, a presentation, or a seminar for small groups.

### Our Team

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**On-line resources and databases** are available to all members of the RU-N community before meeting with us. These include:

- **Pivot** (<https://pivot.proquest.com/>) 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.
- **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!