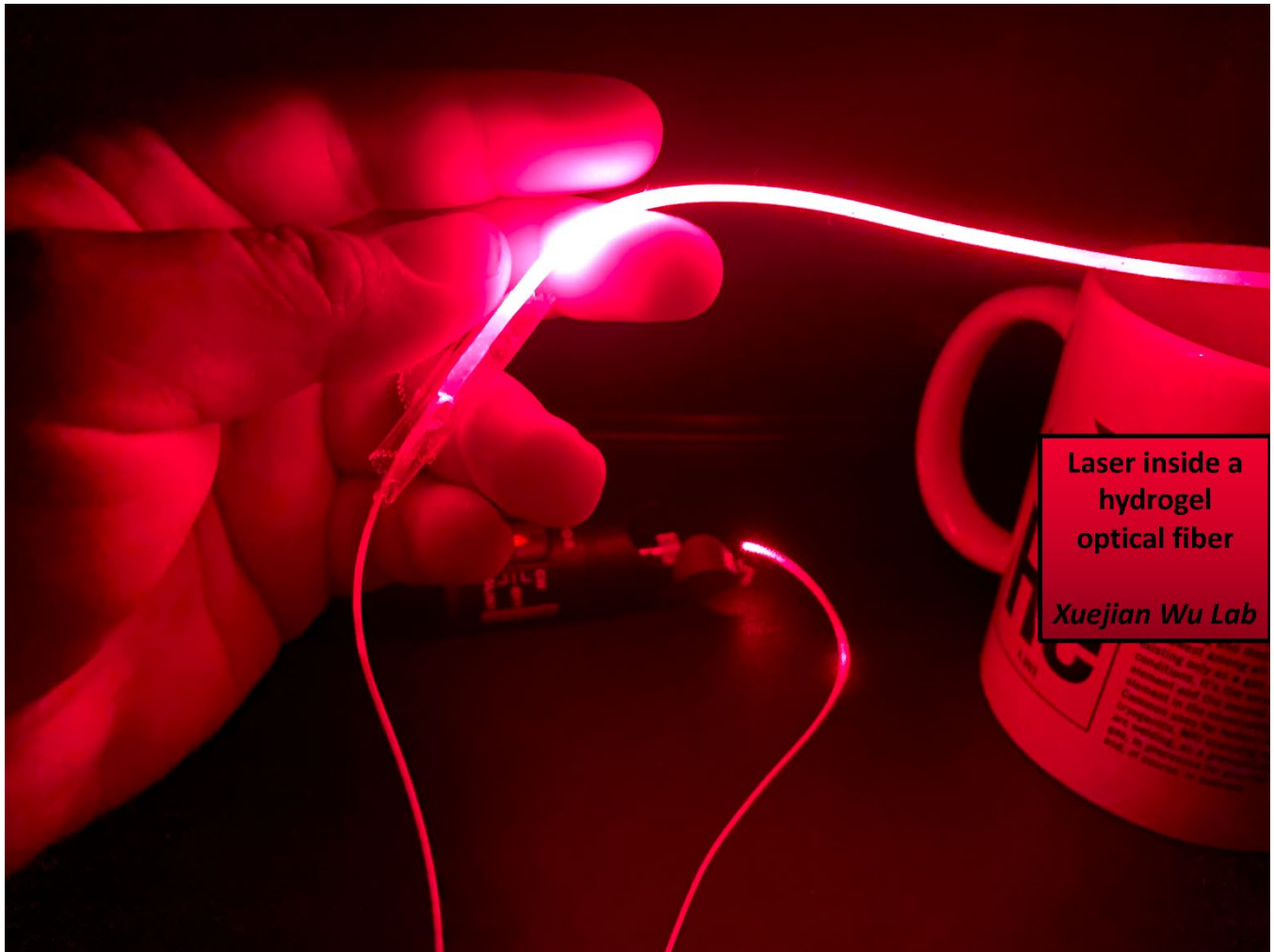


RUTGERS

Research Office | Newark



Laser inside a
hydrogel
optical fiber

Xuejian Wu Lab

FY2022 ANNUAL REPORT Office of Research & Sponsored Programs

July 1, 2021 - June 30, 2022

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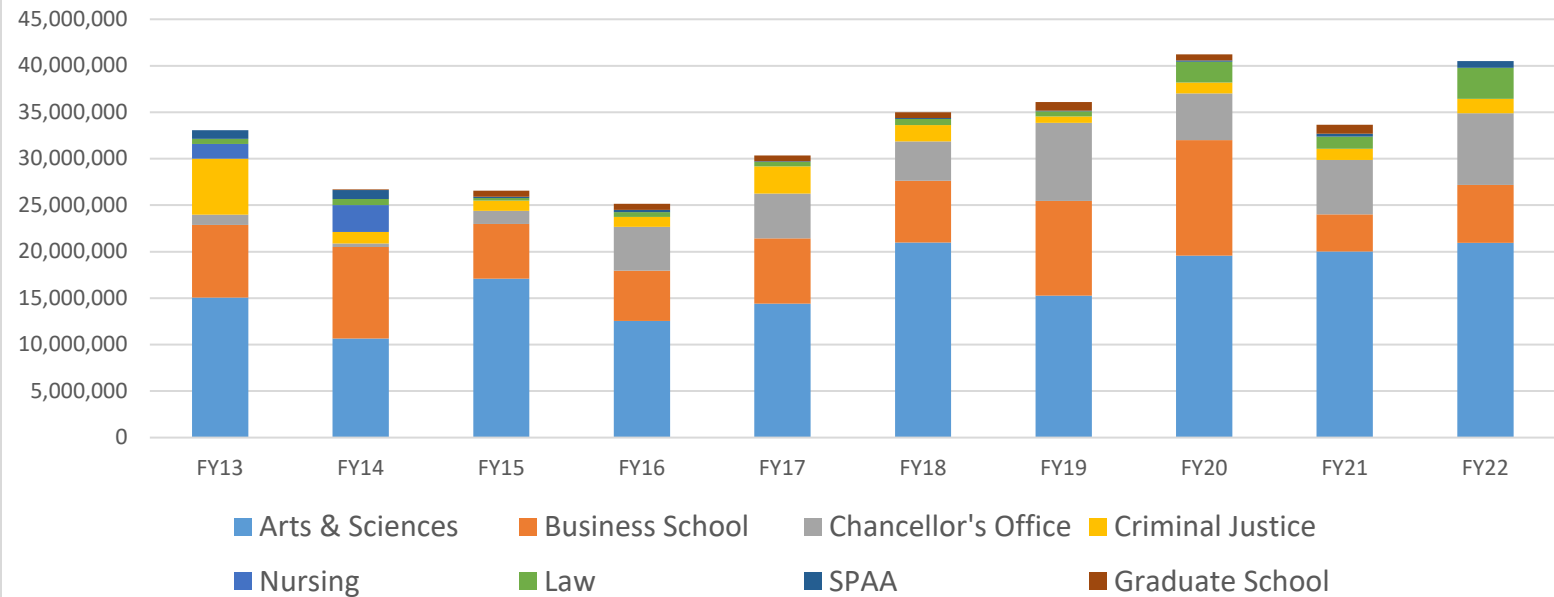
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Photo credit (previous page): *Xuejian Wu, Department of Physics*

10-year external funding report, FY13 -FY22 by School and Chancellor's Office



Notes: a. The School of Nursing joined RBHS with the merger of UMDNJ 7/1/13
 b. Rutgers Business School received a five-year \$5M award in FY20 with the entire amount allocated in FY20

School/Unit	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
Arts & Sciences	15,075,905	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
Business School	7,815,486	9,848,476	5,862,114	5,383,565	7,018,806	6,625,645	10,174,520	b.12,447,587	3,984,124	6,237,424
Chancellor's Office	1,100,694	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
Criminal Justice	5,995,505	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
Nursing	1,612,780	2,912,495	a.							
Law	533,284	650,623	297,266	535,000	479,197	645,896	550,616	2,233,354	1,308,461	3,323,955
SPAA	936,556	947,716	134,200	215,438	42,200	104,100	57,500	162,064	310,048	732,623
Graduate School		90,000	635,775	663,996	626,225	626,225	921,181	626,225	976,567	0
Total RU-N	33,112,210	26,710,808	26,547,775	25,150,316	30,343,177	33,913,429	36,094,563	41,213,681	33,660,412	40,509,599

Award Data FY2021 - FY2022

FY21 – FY22 Awards	FY2021	FY2022
SCHOOL NAME/ DEPARTMENT	Total	Total
Chancellor-Newark	5,863,487	7,690,279
Chancellor-Newark	2,084,000	4,279,000
Abbott Leadership Institute	494,050	276,525
Academic Foundations Center	536,993	536,993
Academic Programs & Services		20,000
Center for Precollege Programs	864,240	1,001,909
Cornwall Center for Metropolitan Studies	929,919	1,065,852
Counseling Center	394,785	
Express Newark	15,000	
Honors Living and Learning Community	360,000	250,000
Office of University Community Partnerships	148,500	120,000
P3 Collaboratory	8,000	
Paul Robeson Gallery	28,000	40,000
Student Affairs		100,000
School of Arts & Sciences - Newark	20,029,068	20,955,753
African American and African Studies	233,000	
Arts, Culture, and Media		27,750
Biological Sciences	1,946,114	4,025,777
Center for Migration and the Global City	25,000	
Center for Molecular & Behavioral Neuroscience	8,203,195	6,018,193
Chemistry	2,546,842	2,318,055
Clement Price Institute	74,000	175,459
Earth & Environmental Sciences	1,552,463	3,971,535
Economics	27,512	28,222
English	40,000	157,927
History		66,070
Humanities Action Lab	560,202	
Mathematics & Computer Science	3,327,380	885,662
New Arts Justice	17,500	7,500
Physics	110,000	1,570,236
Political Science	26,325	26,087
Psychology	767,924	701,106
Sociology and Anthropology		350,000

FY21 – FY22 Awards	FY2021	FY2022
School of Arts & Sciences – Newark, continued		
SCHOOL NAME/ DEPARTMENT	TOTAL	TOTAL
Spanish and Portuguese Studies		150,000
Urban Education	561,611	476,174
Rutgers Business School	3,984,124	6,237,424
Accounting, Business Ethics and Information Systems	16,990	
Dean's Office	791,425	25,000
Finance and Economics		33,660
Institute for Ethical Leadership	261,000	273,898
Management Science & Computer Information Studies	325,068	150,518
Public Private Community Partnership Program	71,725	120,662
Rutgers Advanced Institute for the Study of Entrepreneurship and Development (RAISED)		63,852
RBS Center for Urban Entrepreneurship and Economic Development	1,197,500	215,000
Rutgers Institute for Data Science, Learning, and Applications	471,251	446,005
Small Business Development Center	760,000	4,702,483
Supply Chain Management	58,267	206,346
School of Criminal Justice	1,188,657	1,569,565
Graduate School-Newark	976,567	0
Law School-Newark	1,308,461	3,323,955
School of Public Affairs & Administration	310,048	732,623
Total	\$33,660,412	\$40,509,599

Percentage of total RU-N awards by School, FY12 – FY22							
	FY20		FY21		FY 22		% of Total FY20 – FY22
	\$	%	\$	%			%
SASN	19,561,519	47%	20,029,068	60%	20,955,753	52%	52%
RBS	11,865,882	29%	3,984,124	12%	6,237,424	15%	19%
Chancellor	5,596,721	14%	5,863,487	17%	7,690,279	19%	17%
SCJ	1,167,916	3%	1,188,657	4%	1,569,565	4%	3%
Law	2,233,354	5%	1,308,461	4%	3,323,955	8%	6%
Graduate School	626,225	2%	976,567	3%	0	0	1%
SPAA	162,064	0%	310,048	1%	732,623	2%	1%
Total	41,213,681	100%	33,660,412	100%	40,509,599	100%	100%

FY2021 Awards by amount (\$) and number (#) By source and RU-N unit										
RU-N unit	Federal		Foundation		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	16,159,471	45	2,860,568	50	272,765	5	736,264	6	20,029,068	106
RBS	1,761,008	10	913,124	10	803,267	3	506,725	7	3,984,124	30
Chancellor	1,832,844	6	2,450,439	19	1,330,204	8	250,000	1	5,863,487	34
SCJ	0	0	1,122,447	5	63,210	1	3,000	1	1,188,657	7
Law	97,354	2	161,108	3	1,049,999	2	0	0	1,308,461	7
Grad School	976,567	2	0	0	0	0	0	0	976,567	2
SPAA	7,000	1	303,048	8	0	0	0	0	310,048	9
Total	20,834,244	66	7,810,734	95	3,519,445	19	1,495,989	15	33,660,412	195
RU-N funding by source	62%	34%	23%	49%	10%	10%	4%	8%	100%	100%

FY2022 Awards by Amount (\$) and Number (#) By source and RU-N unit										
RU-N unit	Federal		Foundation		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
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
Total RU-N funding by source	22,619,298	64	8,511,243	96	5,923,454	20	3,065,742	27	40,509,599	207

FY2022 Internal Awards

SCHOOL NAME/ DEPARTMENT	Amount	Number
School of Arts & Sciences - Newark	366,000	22
Arts Culture and Media	55,500	4
Biological Sciences	140,000	2
Center for Molecular & Behavioral Neuroscience	33,000	2
Chemistry	33,000	2
Earth and Environmental Sciences	10,000	2
English	33,000	2
History	7,500	2
Physics	14,000	3
Political Science	5,000	1
Sociology and Anthropology	10,000	1
Spanish and Portuguese Studies	25,000	1
Chancellor's Office	12,350	1
Joseph C. Cornwall Center for Metropolitan Studies	12,350	1
Rutgers Business School	8,000	1
Management and Global Business	8,000	1
School of Criminal Justice	33,000	2
School of Law	20,000	2
School of Public Affairs & Administration	5,000	1
Total	\$444,350	29

Sources of Internal Funding	\$445,350	29
School of Arts and Sciences - Newark	7,000	2
Newark Chancellor's Office	230,000	7
Office for Research - Busch Biomedical	60,000	1
Office for Research - Other	10,000	2
Rutgers Global	70,000	12
Rutgers Global Health Institute	10,000	1
Executive Vice President for Academic Affairs	57,350	4

FY21 – FY22 Submitted proposals

FY2021

FY2022

SCHOOL NAME/ DEPARTMENT	Total	Total
Chancellor-Newark	5,692,472	6,829,494
Chancellor-Newark	1,848,669	4,729,650
Abbott Leadership Institute	204,500	92,000
Academic Foundations Center		261,888
Academic Programs and Services	20,000	5,000
Career Development and Placement Services	100,000	50,000
Center for Precollege Programs	888,984	657,687
Joseph C. Cornwall Center for Metropolitan Studies	2,329,482	851,398
Express Newark	15,000	
Honors Living and Learning Community	140,000	50,000
Office of University Community Partnerships	13,300	91,871
P3 Collaboratory	5,000	
Paul Robeson Art Gallery	28,000	40,000
Student Affairs	99,537	
School of Arts & Sciences - Newark	29,021,405	49,959,952
African American and African Studies	55,500	
Arts, Culture and Media	174,978	27,732
Biological Sciences	8,258,189	6,344,462
Center for Migration and the Global City	39,000	
Center for Molecular & Behavioral Neuroscience	7,346,029	16,914,380
Chemistry	1,253,467	1,762,048
Clement A. Price Institute on Ethnicity, Culture, and the Modern Experience	321,056	177,462
Division of Global Affairs	10,000	
Earth & Environmental Sciences	1,509,283	9,281,572
Economics	357,595	7,100
English	40,000	156,747
History	220,385	347,390
Humanities Action Lab	30,234	224,786
Mathematics & Computer Science	1,127,185	7,204,931
New Arts Justice	17,500	7,500
Physics	1,183,242	924,005
Political Science	68,125	159,357
Psychology	6,920,835	5,411,195
Social Work		246,966
Sociology and Anthropology		260,007

SCHOOL NAME/ DEPARTMENT	FY2021 TOTAL	FY2022 TOTAL
Spanish and Portuguese Studies	75,000	169,919
Urban Education	13,802	332,394
Rutgers Business School	10,627,599	15,123,505
Accounting, Business Ethics and Information Systems	16,982	
Finance and Economics		33,660
Institute for Data Science, Learning and Applications	3,279,237	1,894,787
Institute for Ethical Leadership	201,000	277,800
Management and Global Business	30,898	
Management Science & Computer Information Systems	560,417	129,506
Marketing		239,989
RBS Center for Urban Entrepreneurship and Economic Development	1,250,780	366,646
RBS OPPCP	182,877	9,500
RBS-RAISED	335,153	63,952
Rutgers Business School	85,000	25,000
Small Business Development Center HQ	4,420,763	5,977,484
Supply Chain Management	264,492	6,105,181
School of Criminal Justice	2,389,272	292,192
Graduate School-Newark	47,845	0
Law School-Newark	3,352,829	200,000
School of Public Affairs & Administration	481,157	721,382
Total Request	\$51,612,579	\$73,126,525

Percentage of total \$ requested by School, FY19 – FY21							
	FY 20		FY 21		FY 22		% of Total \$ FY20 – FY22
	\$	%	\$	%	\$	%	
SASN	26,409,998	50%	29,021,405	56%	49,959,952	68%	59%
RBS	16,340,956	31%	10,627,599	21%	15,123,505	21%	24%
Chancellor	4,858,677	9%	5,692,472	11%	6,829,494	9%	10%
SCJ	2,761,762	5%	2,389,272	5%	292,192	0%	3%
Law	1,044,504	2%	3,352,829	6%	200,000	0%	3%
Graduate School	517,160	1%	47,845	0%		0%	0%
SPAA	542,127	1%	481,157	1%	721,382	1%	1%
Total	52,475,184	100%	51,612,579	100%	73,126,525	100%	100%

FY 2021 Submitted Proposals by Request Amount (\$) and Number (#) By source and RU-N unit										
	Federal		Foundation		New Jersey		Corporations		Total	
	\$	#	\$	#	\$	#	\$	#	\$	#
SASN	24,540,192	99	3,935,254	61	99,570	5	446,389	5	29,021,405	170
RBS	7,413,333	9	1,078,823	13	1,088,127	5	1,047,316	12	10,627,599	39
Chancellor	554,750	2	3,877,032	31	1,160,690	10	100,000	1	5,692,472	44
SCJ	147,271	2	1,842,001	9			400,000	2	2,389,272	13
Law	0	0	2,602,830	3	749,999	1	0	0	3,352,829	4
Grad School	47,845	1	0	0			0	0	47,845	1
SPAA	299,225	5	181,932	10	0	0	0	0	481,157	15
Total	33,002,616	119	13,517,872	125	3,098,386	21	1,993,705	21	51,612,579	286
RU-N funding by source	64%	42%	26%	44%	6%	7%	4%	7%	100%	100%

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

Research Advisory Committee, 2022 - 2023

Chair

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

Patricia Akhimie, Associate Professor, English, SAS-N

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

Bonnie Fong, Physical Sciences Librarian and Head of Emerging Technologies, Dana Library

Wilma Friedman, Professor and Chair, 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

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.

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), Rutgers Business School

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

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

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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:

- **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/fconline>) 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/>