

# Institutional Profile Report 2017



#### Robert L. Barchi, President

September 25, 2017

Fellow New Jerseyans:

It is my pleasure to submit the 2017 Institutional Profile Report for Rutgers, The State University of New Jersey. This report reflects our commitment to share timely and accurate data about our educational and administrative operations.

This year we have celebrated the success of our students in several national and international competitions, opened important new academic buildings on our campuses funded with support from the 2012 Building Our Future Bond Act, and set a new record for annual fundraising with more than \$209 million in private gifts.

Rutgers remains dedicated to our mission of teaching, research, and service to New Jersey. As a member of the prestigious Association of American Universities since 1989, Rutgers takes pride in the excellence and research achievements of our faculty, the success of our students in earning international fellowships and scholarships, the award-winning innovations of our staff, and the many contributions our 500,000 alumni make to New Jersey and the world.

This Institutional Profile Report provides valuable information and reflects our continuing commitment to New Jersey and its citizens.

Sincerely,

Robert L. Barchi

### Rutgers, The State University of New Jersey

## Institutional Profile Report – 2017 Table of Contents

Introduction and Accreditation Status	Section A
Students Served	Section B
Characteristics of Undergraduate Students	Section C
Student Outcomes	Section D
Faculty Characteristics	Section E
Characteristics of the Governors and Trustees	Section F
Profile of the Institution - Degree Programs	Section G
Major Research and Public Service Activities	Section H
Major Capital Projects	Section I
Great Things to Know About Rutgers	Section J

## Rutgers, The State University of New Jersey Institutional Profile Report

Section A
Introduction and Accreditation Status

### **Rutgers, The State University of New Jersey**

### **General Background**

Chartered in 1766 as Queen's College, Rutgers, The State University of New Jersey, is the eighth oldest institution of higher learning in the United States. It has a unique history: from its inception as one of the nation's nine colonial colleges, Rutgers grew to become the land-grant college of New Jersey in 1864, and to assume full university status in 1924. Legislative acts of 1945 and 1956 designating it "The State University of New Jersey" qualified it as the youngest of the nation's major public research universities. The University of Newark merged with Rutgers in 1946, and the College of South Jersey in Camden joined in 1950. All of the university's property and educational facilities are imparted with a public trust for the higher education of the people of the State.

In the short span of several decades, Rutgers transformed from a disparate collection of schools, geographically dispersed and operating largely independently, into the ranks of the most prestigious educational institutions. That advancement was recognized in 1989 when Rutgers was invited to join the Association of American Universities (AAU). Dedicated to a threefold mission, Rutgers is equally committed to excellence in teaching, scholarship, and public service. Driving all of Rutgers' activities is the defining characteristic of a premier research university: the continuous and vigorous creation of intellectual capital—the new discoveries and insights that drive the advancement of human knowledge and contribute to the improvement of the human condition. The very same intellectual and physical resources that distinguish Rutgers as a comprehensive research university that creates and advances knowledge enable it to provide the kind of education that best prepares its undergraduates to participate in and contribute to today's intricate and fast-changing, knowledge—intensive world.

With the approval of both the Rutgers Board of Governors and the Rutgers Board of Trustees, and per the New Jersey Medical and Health Sciences Education Restructuring Act, all units of the University of Medicine and Dentistry of New Jersey, except University Hospital in Newark and the School of Osteopathic Medicine in Stratford, were integrated into Rutgers effective July 1, 2013.

### **University Mission**

As New Jersey's sole comprehensive public research university, Rutgers, The State University of New Jersey, has the threefold mission of:

- providing for the instructional needs of New Jersey's citizens through its undergraduate, graduate, and continuing education programs;
- conducting the cutting-edge research that contributes to the medical, environmental, social, and cultural well-being of the state, as well as aiding the economy and the state's businesses and industries; and
- performing public service in support of the needs of the citizens of the state and its local, county, and state governments.

Each component of the university's mission reinforces and supports the other two. For example, research creates the new knowledge so necessary to support quality instruction and innovative public service. The mission of the university is accomplished through locations in Camden, Newark, and New Brunswick, and the New Jersey Agricultural Experiment Station, which complement and support each other, permitting the most effective use of state resources.

### **University Campuses and Academic Structure**

Today, Rutgers, The State University of New Jersey, is a single institution with locations in three geographically separate cities: Camden, Newark, and New Brunswick. This definition of Rutgers was articulated in the Rutgers Act of 1956, when state legislation formally designated Rutgers as The State University. The integration of the legacy elements of UMDNJ into Rutgers has created a fourth unit, Rutgers Biomedical and Health Sciences (RBHS), which consists of a number of schools and units located on various sites but closely aligned with the campus in New Brunswick.

As one Rutgers, all of our campuses and units share common values, features, resources and administrative and other centralized services. As distinct entities, however, the campuses and RBHS each have differentiated missions and future visions that emanate from this unified core.

New Brunswick is the birthplace of Rutgers and is home to the university's largest campus. Rutgers—New Brunswick actually comprises five smaller campuses, each reflecting the university's historical evolution: the College Avenue Campus in New Brunswick (74 acres)—the site of Rutgers College, as original Queen's College was renamed in 1825; the Cook Campus in New Brunswick and North Brunswick (753 acres)—originally the site of the experimental farm of the land-grant Rutgers Scientific School, later Cook College, and now the School of Environmental and Biological Sciences; the Douglass Campus in New Brunswick (150 acres)—site of the New Jersey College for Women, later renamed Douglass College; and across the Raritan River, the Busch Campus in Piscataway (771 acres)—site of many science facilities; and the Livingston Campus in Piscataway and Edison (935 acres)—site of Livingston College, founded in 1969 as a shared learning community committed to academic innovation and

excellence. In March 2006, the university approved the restructuring of undergraduate education in New Brunswick resulting in the merger of the university's four liberal arts colleges of Douglass, Livingston, Rutgers, and University College into a single "School of Arts and Sciences."

Rutgers Biomedical and Health Sciences, which serves as the umbrella organization for eight schools, four centers and institutes, and a behavioral health network, was created in July 2013, according to the 2012 New Jersey Medical and Health Sciences Education Restructuring Act. The creation of RBHS within Rutgers, The State University of New Jersey, established Rutgers as one of the largest academic health centers in the United States providing health care education, research and clinical service and care.

The new School of Graduate Studies was created July 2017 by merging the Graduate School–New Brunswick and the Graduate School of Biomedical Sciences.

Tracing its origins to 1908, Rutgers—Newark today is housed on 38 acres in the downtown area of Newark, New Jersey's largest city. It is the northernmost campus of Rutgers, located just 20 minutes from New York City. Rutgers—Camden (29 acres) is located in the heart of the Camden Waterfront and metropolitan Philadelphia region. It began in the 1920s as an amalgam of the College of South Jersey and the South Jersey Law School.

In total, the university operates research and instructional facilities on 5,973 acres in 13 counties and 28 municipalities. As of September 2017, university degrees are awarded by 32 schools and colleges. In New Brunswick—including RBHS—19 schools offer degrees; in Newark, six colleges and schools offer degrees; in both Newark and New Brunswick, the Rutgers Business School: Graduate Programs—Newark and New Brunswick offers degrees; in both Newark and Camden, the Rutgers Law School offers degrees; and in Camden, five colleges and schools offer degrees.

In 2013, the Middle States Commission on Higher Education (MSCHE) reaffirmed the university's accreditation. Certain programs at the university are also accredited by professional accreditation associations. Among these include ABET; the American Bar Association; the Commission on Collegiate Nursing Education; and the Liaison Committee on Medical Education.

UNDERGRADUATE SCHOOLS					
NEW BRUNSWICK					
School of Arts and Sciences	Bachelor of Arts, Bachelor of Science, Bachelor/M.D. offered jointly with Robert Wood Johnson Medical School, Bachelor/M.P.P. or Bachelor/M.C.R.P. with the Edward J. Bloustein School of Planning and Public Policy, Bachelor of Arts/Bachelor of Science with the School of Engineering, Bachelor/Master of Business Administration with Rutgers Business School-Newark and New Brunswick, Bachelor/Master of Arts in Criminal Justice, Bachelor of Arts in Biological Sciences/Master of Science in Physician Assistant with School of Health Professions, Bachelor of Arts in Information Technology and Informatics/Master of Information with School of Communication and Information				
School of Engineering	Bachelor of Science. Bachelor of Science/Master of Business Administration with the Rutgers Business School-Newark and New Brunswick				
School of Environmental and Biological Sciences	Bachelor of Science, Bachelor of Arts, Bachelor of Science/Master of City and Regional Planning with Edward J. Bloustein School of Planning and Public Policy, Bachelor of Science/Master of Public Health, Bachelor of Science/M.D jointly with Robert Wood Johnson Medical School, Bachelor of Science/Master of Business Administration with the Rutgers Business School-Newark and New Brunswick, Bachelor of Arts/Master of Education with the Graduate School of Education, Bachelor of Arts or Bachelor of Science/Master of Public Policy with Bloustein School of Planning and Public Policy				
Rutgers Business School - Undergraduate New Brunswick	Bachelor of Science; B.S. in Business Analytics and Information Technology/Master of Information Technology and Analytics				
Mason Gross School of the Arts	Bachelor of Fine Arts, Bachelor of Music, Bachelor of Fine Arts/Master of Education in Dance with the Graduate School of Education				
School of Communication and Information	Bachelor of Arts granted jointly with School of Arts and Sciences, BA in Communication/MCIS				
Edward J. Bloustein School of Planning and Public Policy	Bachelor of Arts, Bachelor of Science granted jointly with School of Arts and Sciences. Also, Bachelor of Science granted solely by the EJB School of Planning and Public Policy, Bachelor of Science/Master of Public Health, Bachelor of Arts/Master of Public Policy and Bachelor of Arts/Master of City and Regional Planning				
School of Management and Labor Relations	Bachelor of Arts granted jointly with School of Arts and Sciences; Bachelor of Arts/Master of Human Resource Management. Also, B.S. (by SMLR alone)				
RUTGERS BIOMEDICAL AND HEALTH SCIENCES DIVISION					
School of Health Professions	Associate of Applied Science, Associate of Science, Bachelor of Science				
School of Nursing	Bachelor of Science				

UNDERGRADUATE SCHOOLS						
	NEWARK					
Newark College of Arts and Sciences	Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Bachelor of Arts/Master of Arts with the Graduate School-Newark, Bachelor of Arts or Bachelor of Science/Master of Science with the Graduate School-Newark, Bachelor of Arts or Bachelor of Science/Master of Arts with the School of Criminal Justice, Bachelor of Arts/Bachelor of Science/Master of Business Administration with Rutgers Business School, Bachelor of Science/Master of Information Technology with Rutgers Business School, Bachelor of Science/Master of Accountancy with Rutgers Business School, Bachelor of Science/Master of Quantitative Finance with Rutgers Business School, Bachelor of Arts or Bachelor of Science/Master of Public Administration with the School of Public Affairs and Administration, BA or BS/MPH					
University College - Newark	Bachelor of Arts, Bachelor of Science, Bachelor of Arts or Bachelor of Science/Master of Arts with the School of Criminal Justice, Bachelor of Arts/Bachelor of Science/Master of Business Administration with Rutgers Business School					
Rutgers Business School - Undergraduate Newark	Bachelor of Science; B.S. in Management Information Systems/Master of Information Technology and Analytics					
School of Criminal Justice	Bachelor of Science granted jointly with Newark College of Arts and Sciences or University College-Newark, BS/MPH					
School of Public Affairs and Administration	Bachelor of Arts granted jointly with Newark College of Arts and Sciences, BA/MPH					
	CAMDEN					
Camden College of Arts and Sciences	Bachelor of Arts, Bachelor of Science, Bachelor of Arts/Master of Arts, Bachelor of Arts/Master of Science, Bachelor of Arts/Master of Public Administration with the Graduate School-Camden, Bachelor of Arts in Health Sciences/Master of Public Health with the School of Public Health, Bachelor of Arts in Biology with Business Minor/Master of Business Administration with the School of Business-Camden, Bachelor of Arts/Juris Doctor with the School of Law-Camden					
School of Business - Camden	Bachelor of Science, Bachelor of Hospitality Management, Bachelor of Arts in Business Administration					
University College - Camden	Bachelor of Arts, Bachelor of Science					
School of Nursing - Camden	Bachelor of Science					

GRADUATE DEGREE-GRANTING SCHOOLS						
	NEW BRUNSWICK					
School of Graduate Studies	Master of Arts, Master of Science, Master of Arts for Teachers, Master of Science for Teachers, Master of Business and Science, Master of Engineering, Master of Landscape Architecture, Master of Biomedical Sciences, Doctor of Philosophy					
Graduate School of Education	Master of Education, Specialist in Education, Doctor of Education.					
School of Social Work	Master of Social Work, Doctor of Social Work					
Graduate School of Applied and Professional Psychology	Doctor of Psychology					
Mason Gross School of the Arts	Master of Fine Arts, Master of Music, Artist Diploma in Music, and Doctor of Musical Arts					
School of Communication and Information	Master of Communication and Media; Master of Information					
Edward J. Bloustein School of Planning and Public Policy	Master of City and Regional Planning, Master of City and Regional Studies, Master of Public Affairs and Politics, Master of Public Policy, and Master of Health Administration. M.P.P./M.P.H. with School of Public Health.					
School of Management and Labor Relations	Master of Human Resource Management and Master of Labor and Employment Relations					
RUTGERS BIOMED	ICAL AND HEALTH SCIENCES DIVISION					
Ernest Mario School of Pharmacy	Doctor of Pharmacy, Doctor of Pharmacy/Master of Business Administration with Rutgers Business School, Doctor of Pharmacy/Doctor of Philosophy with the Graduate School-New Brunswick and Doctor of Pharmacy/Master of Public Health, Master of Science with School of Public Health					
New Jersey Medical School	Doctor of Medicine					
Robert Wood Johnson Medical School	Doctor of Medicine					
Rutgers School of Dental Medicine	Doctor of Dental Medicine, Master of Dental Science, Master of Science, DMD/MBA with RBS					

GRADUATE DEGREE-GRANTING SCHOOLS				
School of Nursing	Master of Science in Nursing, Doctor of Nursing Practice			
School of Public Health	Master of Public Health, Master of Science, Doctor of Public Health, Doctor of Philosophy			
School of Health Professions	Master of Science, Doctor of Clinical Laboratory Science, Doctor of Clinical Nutrition, Doctor of Physical Therapy, Doctor of Philosophy			
NI	EWARK AND NEW BRUNSWICK			
Rutgers Business School: Graduate Programs	Master of Business Administration, Master of Accountancy in Taxation, Master of Accountancy, Master of Quantitative Finance, Master of Information Technology and Analytics, Master of Financial Analysis, Master of Science in Supply Chain Management, Master of Science in Supply Chain Analytics, Master of Science in Healthcare Services Management, Master of Science in Business of Fashion			
	NEWARK AND CAMDEN			
Rutgers Law School	Juris Doctor, Juris Doctor/Master of Public Administration with School of Public Affairs and Administration			
	NEWARK			
Graduate School - Newark	Master of Arts, Master of Arts for Teachers, Master of Arts in Liberal Studies, Master of Fine Arts, Master of Science, Master of Business and Science, Doctor of Philosophy. Includes joint-degree programs with the New Jersey Institute of Technology. M.S. in Global Affairs/M.P.P. with Bloustein School.			
School of Criminal Justice	Master of Arts			
School of Public Affairs and Administration	Master of Public Administration, Master of Public Health, M.P.A./Master of Accountancy option in Governmental Accounting with Rutgers Business School			
	CAMDEN			
Graduate School - Camden	Master of Arts, Master of Science, Master of Fine Arts, Master of Public Administration, Master of Business and Science, Doctor of Philosophy			
School of Nursing - Camden	Doctor of Nursing Practice			
School of Business - Camden	Master of Accounting, Master of Business Administration, Master of Science			



### MIDDLE STATES COMMISSION ON HIGHER EDUCATION

3624 Market Street, Philadelphia, PA 19104-2680. Tel: 267-284-5000. Fax: 215-662-5501

### STATEMENT OF ACCREDITATION STATUS

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

**Old Queens Building** New Brunswick, NJ 08901 Phone: (732) 445-4636; Fax: (732) 932-8060 www.rutgers.edu

**Chief Executive Officer:** Dr. Robert L. Barchi, M.D., Ph.D., President

### INSTITUTIONAL INFORMATION

**Enrollment** 49359 Undergraduate; 19583 Graduate

(Headcount):

**Control:** Public

**Affiliation:** Government-State- N/A

2015 Carnegie Doctoral Universities - Highest Research Activity

**Classification:** 

**Approved** Postsecondary Award/Cert/Diploma (>=1 year, < 2 years), Associate's, **Credential Levels:** 

Bachelor's, Postbaccalaureate Award/Cert/Diploma, Master's, Post-

Master's Award/Cert/Diploma, Doctor's - Professional Practice, Doctor's -

Research/Scholarship;

**Distance Education** Fully Approved

**Programs:** 

Accreditors Recognized by U.S. Secretary of Education: Academy of Nutrition and Dietetics, Accreditation Council for Education in Nutrition and Dietetics, Accreditation Commission for Midwifery Education (ACME), Accreditation Council for Pharmacy Education, American Bar Association, Council of the Section of Legal Education and Admissions to the Bar, American Dental Association, Commission on Dental Accreditation, American Occupational Therapy Association, Accreditation Council for Occupational Therapy Education, American Physical Therapy Association, Commission on Accreditation in Physical Therapy Education, American Psychological Association, Commission on Accreditation, Commission on Collegiate Nursing Education (CCNE), Commission on English Language Program Accreditation (CEA), Council on Accreditation of Nurse Anesthesia Educational Programs (COA), Council on Education for Public Health, Council on Social Work Education, Liaison Committee on Medical Education (LCME) American Medical Association, National Association of Schools of Art and Design, Commission on Accreditation, National Association of Schools of Dance, Commission on Accreditation, National Association of Schools of Music, Commission on Accreditation

#### **Instructional Locations**

**Branch Campuses:** None

Additional Locations: Albert C. Wagner Youth Correctional Facility, Bordentown, NJ; Atlantic Cape Community College, Atlantic City, NJ; Atlantic Cape Community College, Mays Landing, NJ; Camden Campus, Camden, NJ; Camden County Boathouse, Pennsauken, NJ; Camden County College, Blackwood, NJ; CCM, Headquarters Plaza, Morristown, NJ; Center for Puerto Rico, San Juan, PR; Central University of Finance and Economics, 39 South College Road, China; County College of Morris, Randolph, NJ; Crowne Plaza Princeton - Conference Center, Plainsboro, NJ; Dalian University of Technology, International Conference Center, Dalian, China; East Jersey State Prison, Rahway, NJ; Edna Mahan Correctional Facility for Women, Clinton, NJ; Educational Testing Service, Princeton, NJ; Garden State Youth Correctional Facility, Yardville, NJ; Harborside Financial Center, Jersey City, NJ; Joint Base McGuire-Dix-Lakehurst, Lakehurst, NJ; Marymount Manhattan College, New York, NY; Mercer County Community College, West Windsor, NJ; National Library of Singapore, 100 Victoria Street, Singapore; Neptune Township School District, Neptune, NJ; Newark Campus, Newark, NJ; Newark City Hall, Newark, NJ; Northern State Prison, Newark, NJ; PHH Training Center, Mount Laurel, NJ; Plaza Business Centre, Shanghai, China; Plaza Conference Centre, Beijing, China; Raritan Valley Community College, North Branch, NJ; Rider University, Lawrenceville, NJ; Rowan College at Burlington County, Mount Laurel, NJ; Rutgers Biomedical and Health Sciences, Newark, NJ; Rutgers University - Newark Institute at NENU, Northeast Normal University, China; Scotch Plains, Scotch Plains, NJ; Sheraton Atlantic City Convention Center Hotel, Atlantic City, NJ; Stratford, Stratford, NJ; Western Monmouth Higher Education Center, Freehold, NJ

Other Instructional Sites: Bartle Elementary School, Highland Park, NJ; Camden County College, Cherry Hill, NJ; Cape May Technical School Practical Nursing, Cape May Court House, NJ; Centenary College Equestrian Center, Long Valley, NJ; Conerly Road School, Somerset, NJ; Drew University, Madison, NJ; Greater New Brunswick Charter School, New Brunswick, NJ; McNair High School, Jersey City, NJ; Monmouth County Vocational School District, Long Branch, NJ; New Brunswick Free Public Library, New Brunswick, NJ; Octagon 10 Office Center, Parsippany, NJ; Passaic County Technical Institute, Wayne, NJ; Picatinny, Dover, NJ; Rutgers EcoComplex, Bordentown, NJ; The College of New Jersey, Ewing, NJ; Wynona's House, Newark, NJ

#### ACCREDITATION INFORMATION

Status: Member since 1921

Last Reaffirmed: November 21, 2013

#### **Most Recent Commission Action:**

June 27, 2016:

To acknowledge receipt of the substantive change request. To approve the reclassification of the instructional sites at (1) Camden County College, College Drive, Blackwood, NJ 08012; and (2) Joint Base McGuire-Dix-Lakehurst, 3829 School House Road, Lakehurst, NJ 08641 as additional locations and to include the locations within the scope of the institution's accreditation. The next evaluation visit is scheduled for 2017-2018.

### **Brief History Since Last Comprehensive Evaluation:**

November 21, 2013:

To accept the supplemental information report. To note that the Periodic Review Report, due June 1, 2013, has been received and will be acted on by the Commission at its meeting in November. To remind the institution of the monitoring report, due December 1, 2014, documenting evidence of (1) the completion and implementation of debt refinancing plans, including the financing of University Hospital debt (Standard 3); (2) State funding of

University Hospital to ensure the integrity of the clinical and educational programs held there (Standard 3); (3) five-year financial forecasts related to a new strategic plan and including costs of IT integration (Standards 2 and 3); (4) the development and implementation of a long-term strategy for capital reinvestment to address critical deferred maintenance needs related to equipment and facilities transferred from UMDNJ to Rutgers (Standards 2 and 3); (5) further development and implementation of new governance structures (Standard 4); (6) the alignment of policies and procedures for faculty and staff, including those subject to negotiated agreements (Standards 4, 5 and 6). A small team visit will follow.

November 21, 2013:

To accept the Periodic Review Report and to reaffirm accreditation. To remind the institution of a monitoring report, due December 1, 2014, documenting evidence of (1) the completion and implementation of debt refinancing plans, including the financing of University Hospital debt (Standard 3); (2) State funding of University Hospital to ensure the integrity of the clinical and educational programs held there (Standard 3); (3) five-year financial forecasts related to a new strategic plan and including costs of IT integration (Standards 2 and 3); (4) the development and implementation of a long-term strategy for capital reinvestment to address critical deferred maintenance needs related to equipment and facilities transferred from UMDNJ to Rutgers (Standards 2 and 3); (5) further development and implementation of new governance structures (Standard 4); (6) the alignment of policies and procedures for faculty and staff, including those subject to negotiated agreements (Standards 4, 5 and 6). A small team visit will follow. The next evaluation visit is scheduled for 2017-2018.

April 28, 2014:

To acknowledge receipt of the substantive change request. To include the additional location at the Center for Puerto Rico, Urb. Santa Rita, 1012 Gonzalez Street, San Juan, PR 00925 within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this additional location. In the event that operations at the additional location do not commence within one calendar year from the approval of this action, approval will lapse. To remind the institution of a monitoring report, due December 1, 2014, documenting evidence of (1) the completion and implementation of debt refinancing plans, including the financing of University Hospital debt (Standard 3); (2) State funding of University Hospital to ensure the integrity of the clinical and educational programs held there (Standard 3); (3) five-year financial forecasts related to a new strategic plan and including costs of IT integration (Standards 2 and 3); (4) the development and implementation of a long-term strategy for capital reinvestment to address critical deferred maintenance needs related to equipment and facilities transferred from UMDNJ to Rutgers (Standards 2 and 3); (5) further development and implementation of new governance structures (Standard 4); and (6) the alignment of policies and procedures for faculty and staff, including those subject to negotiated agreements (Standards 4, 5 and 6). A small team visit will follow. The next evaluation visit is scheduled for 2017-2018.

June 30, 2014:

To acknowledge receipt of the substantive change request and to include the additional locations at (1) Mercer County Community College, 1200 Old

Trenton Road, West Windsor, NJ 08550 and (2) Marymount Manhattan College, 221 East 71st Street, New York, NY 10021 within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this/these additional locations. In the event that operations at the additional locations do not commence within one calendar year from the approval of this action, approval will lapse. To remind the institution of the monitoring report, due December 1, 2014, documenting evidence of (1) the completion and implementation of debt refinancing plans, including the financing of University Hospital debt (Standard 3); (2) State funding of University Hospital to ensure the integrity of the clinical and educational programs held there (Standard 3); (3) five-year financial forecasts related to a new strategic plan and including costs of IT integration (Standards 2 and 3); (4) the development and implementation of a long-term strategy for capital reinvestment to address critical deferred maintenance needs related to equipment and facilities transferred from UMDNJ to Rutgers (Standards 2 and 3); (5) further development and implementation of new governance structures (Standard 4); and (6) the alignment of policies and procedures for faculty and staff, including those subject to negotiated agreements (Standards 4, 5 and 6). A small team visit will follow. The next evaluation visit is scheduled for 2017-2018.

April 27, 2015:

To acknowledge receipt of the substantive change request. To include the additional location at County College of Morris, 214 Center Grove Road, Randolph, New Jersey 07869. The Commission requires written notification within thirty days of the commencement of operations at this additional location. In the event that operations at the additional location do not commence within one calendar year from the approval of this action, approval will lapse. The December 1, 2014 monitoring report and small team visit will be acted at the June Commission meeting. The next evaluation visit is scheduled for 2017-2018.

June 25, 2015:

To accept the monitoring report and to note the visit by the Commission's representatives. The next evaluation visit is scheduled for 2017-2018.

August 31, 2015:

To acknowledge receipt of the substantive change request. To include the additional location at Rutgers University - Newark Institute at NENU, Northeast Normal University, 5268 Renmin Street, Changchun, Jilin Province, People's Republic of China within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this additional location. In the event that operations at the additional location do not commence within one calendar year from the approval of this action, approval will lapse. The next evaluation visit is scheduled for 2017-2018.

November 2, 2015:

To acknowledge receipt of the substantive change request. To include the additional locations at (1) Albert C. Wagner Youth Correctional Facility, 500 Ward Avenue, Bordentown, NJ 08505; (2) Edna Mahan Correctional Facility for Women, 30 County Route 513, Clinton, NJ 08809; (3) East Jersey State Prison, 1100 Woodbridge Road, Rahway, NJ 07065; (4) Garden State Youth Correctional Facility, Highbridge Road, Yardville, NJ 08620; and (5) Northern State Prison, 168 Frontage Road, Newark, NJ 07114 within the scope of the

institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at these additional locations. In the event that operations at the additional locations do not commence within one calendar year from the approval of this action, approval will lapse. The next evaluation visit is scheduled for 2017-2018.

**Next Self-Study Evaluation: 2017 - 2018** 

Date Printed: September 12, 2017

#### **DEFINITIONS**

**Branch Campus** - A branch campus is a domestic or international location of an institution that is geographically apart, independent of the primary/main campus. The branch campus is considered independent of the main campus if it is permanent in nature; offers courses in educational programs leading to a degree, certificate, or other recognized educational credential; has its own faculty and administrative or supervisory organization; and has its own budgetary and hiring authority. (34 CFR §600.2)

Additional Location - An additional location is a domestic or international location, other than a branch campus, that is geographically apart from the primary/main campus and at which the institution offers at least 50 percent of the requirements of an educational program. (34 CFR §602.22) ANYA ("Approved but Not Yet Active") indicates that the location is included within the scope of accreditation but has not yet begun to offer courses. This designation is removed after the Commission receives notification that courses have begun at this location. ANYC ("Approved but Not Yet Closed") indicates that the institution has requested that the location be officially closed through the substantive change process. The location is currently included within the scope of accreditation but the institution will be stopping all operations at this location in the near future. The institution should inform the Commission (via email at sc@msche.org) of the date that operations cease. This designation is removed after the Commission receives notification that courses have stopped at this location and the location is no longer listed on the SAS.

Other Instructional Sites - MSCHE defines an other instructional site as any off-campus site, other than those meeting the definition of a branch campus or an additional location, at which the institution offers one or more courses for credit. Sites designated as an other instructional site do not require substantive change approval. However, substantive change approval is required to reclassify an other instructional site to or from a branch campus or additional location.

**Distance Education Programs** - Fully Approved, Approved (one program approved) or Not Approved indicates whether or not the institution has been approved to offer diploma/certificate/degree programs via distance education (programs for which students could meet 50% or more of the requirements of the program by taking distance education courses). Per the Commission's Substantive Change policy, Commission approval of the first two Distance Education programs is required to be "Fully Approved." If only one program is approved by the Commission, the specific name of the program will be listed in parentheses after "Approved."

Commission actions are explained in the policy *Accreditation Actions*.

# Rutgers, The State University of New Jersey Institutional Profile Report

Section B
Students Served

### Undergraduate Enrollment by Attendance Status Fall 2016

Students	Attendance Status				
	Fu	Full-time Part-time			Total
Undergraduates	<u>Number</u> 44,756	Percentage 90.7%	<b>Number</b> 4,603	Percentage 9.3%	49,359

### Graduate and Professional Enrollment by Attendance Status

### Fall 2016

Students	Attendance Status				
Students	Full-time		Part-time		Total
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
Graduate	8,180	50.5%	8,022	49.5%	16,202

Students	Attendance Status				
Students	Full-time Part-time		Total		
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
Doctoral-Professional Practice	3,111	92.0%	270	8.0%	3,381

Students		Attendan	ce Status		
Students	Full-time		Part-time		Total
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
Total	11,291	57.7%	8,292	42.3%	19,583

### **Headcount and FTE Enrollment** by Chancellor Reporting Area/Unit and School Fall 2016

	Graduate/Professional		Undergra	duate	Total	
School	HEADCOUNT	FTE*	HEADCOUNT	FTE*	HEADCOUNT	FTE*
Camden College of Arts and Sciences			2,577	2,342	2,577	2,342
Camden School of Nursing	62	26	793	652	855	678
School of Business - Camden	412	231	1,334	1,141	1,746	1,372
School of Law - Camden	444	371			444	371
The Graduate School - Camden	536	318			536	318
University College - Camden			317	243	317	243
CAMDEN TOTAL	1,454	946	5,021	4,378	6,475	5,324
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Continuous Education Credit	8	3	73	25	81	28
EJB School of Planning and Public	223	200	183	165	406	365
Graduate School of Applied and Prof. Psychology	188	149			188	149
Graduate School of Education	999	572			999	572
Mason Gross School of the Arts	297	196	791	782	1,088	978
Rutgers Business School – Newark/New Brunswick – NB			3,785	3,760	3,785	3,760
School of Arts and Sciences			21,126	20,480	21,126	20,480
School of Communication and Information	385	206	21,120	20, 100	385	206
School of Engineering	000	200	3,867	3,790	3,867	3,790
School of Engineering School of Environmental and Biological Sciences			3,428	3,279	3,428	3,279
School of Management and Labor Relations	335	257	400	300	735	557
School of Social Work	1,830	1,461	100	000	1,830	1,461
The Graduate School - New Brunswick	4,396	3,130			4,396	3,130
NEW BRUNSWICK	8,661	6,174	33,653	32,580	42,314	38,754
NEW BRONOWOR	0,001	0,174	33,033	32,300	72,517	30,734
Ernest Mario School of Pharmacy	410	409	865	860	1,275	1,270
Graduate School of Biomedical Sciences	807	724	000	000	807	724
New Jersey Dental School	498	497			498	497
New Jersey Medical School	722	713			722	713
Robert Wood Johnson Medical School	661	657			661	657
School of Nursing	737	349	1,020	892	1,757	1,241
School of Health Related Professions	1,113	727	630	403	1,743	1,130
School of Public Health	369	228	000	400	369	228
RBHS	5,317	4,305	2,515	2,156	7,832	6,461
	0,011	-1,000	2,010	2,.00	1,002	0,101
NEW BRUNSWICK TOTAL						
Newark College of Arts and Sciences			3,819	3,550	3,819	3,550
Rutgers Business School – Newark/New Brunswick -NK			2,667	2,424	2,667	2,424
Rutgers Business School	2,117	1,162	,	,	2,117	1,162
School of Criminal Justice	46	31	747	659	793	690
School of Law - Newark	679	568	1	-50	679	568
School of Public Affairs and Administration	502	292	198	183	700	475
The Graduate School - Newark	807	578	1.50	.50	807	578
University College - Newark	007	070	739	361	739	361
NEWARK TOTAL	4,151	2,630	8,170	7,177	12,321	9,807
	-1,101	2,300	5,770	.,	12,021	3,007
UNIVERSITY TOTAL	19,583	14,055	49,359	46,290	68,942	60,345

**UNIVERSITY TOTAL** 19
\* FTE is calculated by adding full-time and one-third part-time students.

Source: Student Unit Record Enrollment, Fall Enrollment Report

### FY 2016 Unduplicated Enrollments\* Rutgers - Universitywide

	Headcount Enrollment	Credit Hours	FTE **
Undergraduate	55,086	1,477,269	49,242
Graduate	21,982	284,656	11,861
Doctoral-Professional Practice			3,827
TOTAL	77,068	1,761,925	64,930

<sup>\*</sup>Data is for Fiscal Year July 1, 2015 to June 30, 2016

Unduplicated Enrollment is the sum of students enrolled for credit with each student counted only once during the reporting period, regardless of when the student enrolled.

<sup>\*\*</sup> The FTE number is based on the Integrated Postsecondary Education Data System (IPEDS) calculation based on the credit and/or contact hours reported. Undergraduate: Total Credit Hours/30 credit hours; Graduate: Total Credit Hours/24 credit hours.

### 2016 Non-Credit Course Enrollments Rutgers - Universitywide

	Courses/ Programs Offered	Total Instructional Hours	Student Enrollments
Office of Continuing Professional Education	6,386	38,316	131,780
NJ Agricultural Experiment Station  Distance Learning Courses			
Educational Meetings for Clientele Planned & Conducted as part of program	3,821	183,431	65,881
Lectures/Speaking Engagements Requested by Others	1,325	4,025	42,306
Home/Farm/Field/Extension Office Visits	11,989		
NJ SNAP-Ed Indirect Education Unit Outreach Planned & Conducted for Adults	9,967	7,994	24,168
Total Non-Credit Enrollments	33,488	233,766	264,135

## Rutgers, The State University of New Jersey Institutional Profile Report

Section C

Characteristics of Undergraduate Students

### Mean Math and Verbal SAT for First-Time Freshmen, by Admission Status and Overall

### Fall 2016

Admission Status	Full-Time Students *						
Admission Status	Math	Writing	N				
Regular Admits	618.5	7,043	570.4	7,043	584.5	7,043	
EOF Admits	524.3	471	487.1	471	493.1	471	
Special Admits	500.6	85	471.6	85	478.4	85	
All Admits	611.4	7,599	564.1	7,599	577.6	7,599	

Admission Status		Part-Time Students *						
Admission Status	Math	N	Reading	N	Writing	N		
Regular Admits	550.0	14	543.6	14	540.8	12		
EOF Admits								
Special Admits								
All Admits	550.0	14	543.6	14	540.8	12		

<sup>\*</sup> Missing Scores: Full-Time Students - 852 Math, Reading, and Writing Part-time Students - 3 Math and Reading, 5 Writing

#### **Enrollment in Remediation Courses, Fall 2016**

All newly admitted first-year students will take Rutgers University's placement tests. Transfer students entering Rutgers without an equivalent English writing course or math course will also be required to take placement tests. The placement tests are designed to provide information about students' individual skills in the English language and in mathematics. The test results will be used to place students in the courses and sections appropriate to their level of preparation.

### Total Number of Undergraduate Students Enrolled in Fall 2016

Fall 2016 Total Undergraduate Enrollment	Number of Students Enrolled in One or More Remedial Courses *	Percent of Total
49,359	2,671	5.4%

Total Enrollment = includes all students, FT, PT, returning, transfer, etc.

#### Total number of First-time, Full-time (FTFT) students enrolled in remediation in Fall 2016

Total Number of FTFT Students	Number of FTFT Students Enrolled in One or More Remedial Courses *	Percent of FTFT Enrolled in One or More Remedial Course
8,451	1,750	20.7%

### First-time, Full-time students (FTFT) enrolled in remediation in Fall 2016 by subject area

Subject Area	Number of FTFT Enrolled	Percent of all FTFT Enrolled
Math Computation	18	0.2%
Elementary Algebra	1064	12.6%
English	981	11.6%
Reading		
Writing		

#### (For institutions who do not separate reading & writing):

Total English 981 11.6%
-------------------------

#### Notes:

Percentages should be computed using the total number provided in part 3.

- Numbers exclude ESL students.
- \* Remedial numbers are through intermediate algebra.

### Undergraduate Enrollment, Fall 2016

By Race/Ethnicity						
	Full- N	Time Percent	Part-1 N	ime Percent	To N	tal Percent
African American	4,358	9.7%	680	14.8%	5,038	10.2%
American Indian	25	0.1%	7	0.2%	32	0.1%
Asian*	10,891	24.3%	627	13.6%	11,518	23.3%
Latino	6,863	15.3%	786	17.1%	7,649	15.5%
White	17,211	38.5%	1,814	39.4%	19,025	38.5%
Non Resident Alien	3,265	7.3%	138	3.0%	3,403	6.9%
Two or More	1,433	3.2%	109	2.4%	1,542	3.1%
Unknown	710	1.6%	442	9.6%	1,152	2.3%
Total	44,756		4,603		49,359	

By Gender						
	Full- N	Time Percent	Part-T N	ime Percent	To: N	tal Percent
Female	22,962	51.3%	2,624	57.0%	25,586	51.8%
Male	21,794	48.7%	1,979	43.0%	23,773	48.2%
Total	44,756		4,603		49,359	

By Age						
		II-Time Part-Time		Total		
	N	Percent	N	Percent	N	Percent
Less Than 18	118	0.3%	119	2.6%	237	0.5%
18-19	14,452	32.3%	185	4.0%	14,637	29.7%
20-21	17,951	40.1%	416	9.0%	18,367	37.2%
22-24	8,692	19.4%	1,268	27.5%	9,960	20.2%
25-29	2,221	5.0%	978	21.2%	3,199	6.5%
30-34	629	1.4%	539	11.7%	1,168	2.4%
35-39	279	0.6%	347	7.5%	626	1.3%
40-49	290	0.6%	468	10.2%	758	1.5%
50-64	118	0.3%	266	5.8%	384	0.8%
65 and Older	5	0.0%	14	0.3%	19	0.0%
Unknown	1	0.0%	3	0.1%	4	0.0%
Total	44,756		4,603		49,359	

Notes: Asian includes Pacific Islanders.

### Financial Aid from Federal, State and Institution-Funded Programs, AY 2015-16

	Recipients	Dollars (\$)	\$/Recipient
FEDERAL PROGRAMS  Pell Grants College Work Study Perkins Loans SEOG PLUS Loans Stafford Loans (Subsidized) Stafford Loans (Unsubsidized)	17,377	75,501,000	4,344.88
	3,305	6,873,000	2,079.58
	2,949	4,775,000	1,619.19
	1,703	2,586,000	1,518.50
	3,086	48,169,000	15,608.88
	22,837	97,921,000	4,287.82
	23,281	78,678,000	3,379.49
SMART & ACG or other  STATE PROGRAMS  Tuition Aid Grants (TAG) Educational Opportunity Fund (EOF) Outstanding Scholars (OSRP) Distinguished Scholars Urban Scholars NJ STARS NJCLASS Loans	0 13,489 2,723 217 0 0 221 1,196	93,482,000 3,727,000 214,000 0 484,000 16,324,000	 6,930.24 1,368.71 986.18   2,190.05 13,648.83
INSTITUTIONAL PROGRAMS Grants/Scholarships Loans	18,269	107,025,000	5,858.28
	89	432,000	4,853.93

Source: NJIPEDS Form #41 Student Financial Aid Report

### Undergraduate Enrollment by State of Residence Total and First-Time Undergraduates, Fall 2016

### FIRST-TIME UNDERGRADUATES

	Enrollment		
Place of Residence	Number	Percentage	
New Jersey	7,219	85.3%	
Non-New Jersey	1,249	14.7%	
Total	8,468		

Note: Residence unknown included with New Jersey Residents.

### TOTAL UNDERGRADUATES

	Enrollment		
Place of Residence	Number	Percentage	
New Jersey	43,776	88.7%	
Non-New Jersey	5,514	11.2%	
Unknown	69	0.1%	
Total	49,359		

# Rutgers, The State University of New Jersey Institutional Profile Report

Section D
Student Outcomes

### Degrees Conferred, FY 2016 by Race/Ethnicity and by Gender

						Race/Ethnic	ity						
	Ce N	rtificate Percent	Ass N	ociate Percent	Bac N	helor's Percent	Ma: N	ster's Percent	Do:	ctoral Percent	First-Pro	fessional Percent	Total N
African American	2	11.8%	12	11.9%	1,080	9.9%	486	11.1%	49	6.7%	77	8.0%	1,706
American Indian	0	0.0%	0	0.0%	9	0.1%	4	0.1%	0	0.0%	3	0.3%	16
Asian	0	0.0%	6	5.9%	2,403	22.1%	520	11.9%	63	8.6%	276	28.5%	3,268
Latino	4	23.5%	24	23.8%	1,482	13.6%	376	8.6%	35	4.8%	88	9.1%	2,009
White	10	58.8%	49	48.5%	4,980	45.9%	1,822	41.6%	337	45.9%	455	47.1%	7,653
Two or More	0	0.0%	1	1.0%	347	3.2%	70	1.6%	8	1.1%	13	1.3%	439
Non Resident Alien	0	0.0%	1	1.0%	363	3.3%	957	21.9%	212	28.8%	20	2.1%	1,553
Unknown	1	5.9%	8	7.9%	194	1.8%	142	3.2%	31	4.2%	35	3.6%	411
Total	17		101		10,858		4,377		735		967		17,055

735

						Gender							
	Ce N	rtificate Percent	Ass N	ociate Percent	Bac N	helor's Percent	Ma N	ster's Percent	Do N	ctoral Percent	First-Pro N	ofessional Percent	Total N
Male	0	0.0%	30	29.7%	5,093	46.9%	1,729	39.5%	308	41.9%	485	50.2%	7,645
Female	17	100.0%	71	70.3%	5,765	53.1%	2,648	60.5%	427	58.1%	482	49.8%	9,410
Total	17		101		10,858		4,377		735		967		17,055

SOURCE: FY16 IPEDS Completions Survey Awards between July 1, 2015 and June 30, 2016.

Note: Post Baccalaureate and Post Masters Certificates are included with their respective degree level awards, only Associate-level Certificates are in the Certificate column.

Asian includes Pacific Islanders.

### Degrees Conferred by General Field, FY 2016

IPEDS CIP Code Major Category	Certificate	Associate	Bachelor's	Master's	Doctorate	First Professional	Total
Agricultural Sciences	0	0	129	25	13	0	167
Conservation & Renew Resources	0	Ö	100	13	9	0	122
Architecture	0	0	29	80	0	ő	109
Area Studies	0	0	63	6	4	0	73
Business/Management	0	0	2,079	1,032	27	0	3,138
Communications	0	0	631	0	0	0	631
Computer Sciences	0	0	564	145	17	0	726
Education	0	0	0	277	39	0	316
Engineering	0	0	847	277	74	0	1,198
English/Letters	0	0	212	72	8	0	292
Exercise Science & Sport Studies	0	0	365	2	0	0	367
Foreign Language	0	0	122	43	9	0	174
Health Sciences	17	101	1,039	512	205	592	2,409
History	0	0	198	26	11	0	235
Law	0	0	0	0	0	334	334
Liberal Studies	0	0	62	8	0	0	70
Library Science	0	0	0	113	12	0	125
Life Sciences	0	0	971	333	91	0	1,395
Mathematics	0	0	152	158	22	0	332
Multidiscipline	0	0	153	98	15	0	266
Philosophy/Religion	0	0	51	5	5	0	61
Physical Sciences	0	0	190	31	45	0	266
Protective Service	0	0	555	27	9	0	591
Psychology	0	0	910	77	48	0	1,035
Public Administration	0	0	297	874	16	20	1,207
Social Sciences	0	0	888	76	50	0	1,014
Visual/Performing Arts	0	0	251	67	6	21	345
TOTAL	17	101	10,858	4,377	735	967	17,055

## Four-, Five- and Six-Year Graduation Rates of Fall 2010 Full-time First-time Degree-Seeking Undergraduates by Race/Ethnicity

Race/Ethnicity	Fall 2010 Cohort		uates I Years		uates 5 Years		uates S Years
	N	N	%	N	%	N	%
African American	646	241	37.3%	394	61.0%	434	67.2%
Asian	1,826	1,117	61.2%	1,449	79.4%	1,516	83.0%
Latino	927	358	38.6%	587	63.3%	631	68.1%
White	3,247	1,867	57.5%	2,436	75.0%	2,531	77.9%
Non-Resident Alien	125	67	53.6%	92	73.6%	97	77.6%
Other *	443	224	50.6%	307	69.3%	327	73.8%
Total	7,214	3,874	53.7%	5,265	73.0%	5,536	76.7%

<sup>\*</sup> Other includes American Indian, Hawaiian & Pacific Islanders, 2 or More Races and Unknown

### Third Semester Retention of First-time Freshmen by Attendance, Fall 2015 to Fall 2016

	Retained		Not R	TOTAL	
Attendance	N	%	N	%	N
Full-Time	7,432	90.5%	784	9.5%	8,216
Part-Time	5	25.0%	15	75.0%	20
Total	7,437	90.3%	799	9.7%	8,236

### Third Semester Retention of Full-time First-time Freshmen by Race/Ethnicity, Fall 2015 to Fall 2016

	RET <i>A</i>	AINED	NOT RETAINED		TOTAL
Race/Ethnicity	N	%	N	%	N
African American	621	87.3%	90	12.7%	711
American Indian	2	66.7%	1	33.3%	3
Asian	2,143	94.4%	127	5.6%	2,270
Hawaiian	16	88.9%	2	11.1%	18
Latino	1,040	85.7%	173	14.3%	1,213
White	2,609	90.5%	273	9.5%	2,882
Two or More	267	91.1%	26	8.9%	293
Non-Resident Alien	620	87.7%	87	12.3%	707
Unknown	114	95.8%	5	4.2%	119
Total	7,432	90.5%	784	9.5%	8,216

# Rutgers, The State University of New Jersey Institutional Profile Report

Section E
Faculty Characteristics

Full-Time Faculty by Race/Ethnicity, Gender, Tenure Status and Academic Rank, Fall 2016

				TENURED		
Daga/Etheriaite	Complex		Associate	Assistant	All	
Race/Ethnicity	Gender	Professor	Professor	Professor	Others	Total
African American	Male	18	13	0	0	31
African American	Female	12	22	0	0	34
American Indian	Male	0	1	0	0	1
American mulan	Female	0	1	0	0	1
Asian *	Male	125	49	0	0	174
ASIAII	Female	26	27	0	0	53
Latino	Male	22	16	0	0	38
Latino	Female	8	14	0	0	22
White	Male	662	193	0	0	855
wille	Female	254	169	0	0	423
Non-Resident Alien	Male	23	31	0	0	54
Non-Nesident Anen	Female	8	22	0	0	30
Unknown *	Male	21	25	0	0	46
Ulikiluwii	Female	10	25	0	0	35
Total	Male	871	328	0	0	1,199
IUlai	Female	318	280	0	0	598

		WITHOUT TENURE						
Dogo/Ethnicity	Gender		Associate	Assistant	All			
Race/Ethnicity	Gender	Professor	Professor	Professor	Others	Total		
African American	Male	5	5	25	4	39		
Allicali Alliericali	Female	3	7	36	19	65		
American Indian	Male	0	0	0	0	0		
American mulan	Female	0	0	0	1	1		
Asian *	Male	15	34	93	17	159		
Asiaii	Female	11	27	86	33	157		
Latino	Male	2	4	20	6	32		
Latino	Female	1	6	27	19	53		
White	Male	68	104	246	85	503		
Willie	Female	51	101	263	128	543		
Non-Resident Alien	Male	1	18	94	13	126		
Non-Resident Allen	Female	2	15	61	15	93		
Unknown *	Male	10	20	121	53	204		
Ulikilowii	Female	8	17	152	57	234		
Total	Male	101	185	599	178	1,063		
IUlai	Female	76	173	625	272	1,146		

				TOTAL		
Race/Ethnicity	Gender		Associate	Assistant	All	
		Professor	Professor	Professor	Others	Total
African American	Male	23	18	25	4	70
Allicali Alliericali	Female	15	29	36	19	99
American Indian	Male	0	1	0	0	1
American mulan	Female	0	1	0	1	2
Asian *	Male	140	83	93	17	333
ASIAII	Female	37	54	86	33	210
Latino	Male	24	20	20	6	70
Latino	Female	9	20	27	19	75
White	Male	730	297	246	85	1,358
vviiite	Female	305	270	263	128	966
Non-Resident Alien	Male	24	49	94	13	180
Non-Resident Allen	Female	10	37	61	15	123
Unknown *	Male	31	45	121	53	250
Olikilowii	Female	18	42	152	57	269
Total	Male	972	513	599	178	2,262
TOLAI	Female	394	453	625	272	1,744

 $<sup>^{\</sup>star}$  Note: Asian includes Pacific Islanders and Unknown includes 2 or More Races.

## Instructional Faculty Ratio of Full-time/Part-time Faculty Fall 2016

N	%
4,006	53.6%
3,464	46.4%
7,470	
	4,006 3,464

## Percentage of Course Sections Taught By Full-Time and Part-Time Faculty Fall 2016

Total Number of Course Sections		iht by e Faculty		ght by e Faculty	•	jht by ners
	N	%	N	%	N	%
7,942	4,323	54.4%	2,021	25.4%	1,598	20.1%

Note: Others includes Full-time Administrators and Teaching Assistants

## **Members of the National Academies**

Election to membership in the National Academies is one of the highest honors a scientist can attain. These four prestigious bodies—the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council—bring together the nation's top experts to advise the federal government on critical issues.

Rutgers University faculty who are currently members of the National Academies are:

## NATIONAL ACADEMY OF SCIENCES

**Eva Andrei**, Professor II, Department of Physics and Astronomy, School of Arts and Sciences

Election Year: 2013

Joan W. Bennett, Associate Vice President for the Promotion of Women in Science, Engineering, and Mathematics; Professor II, Department of Plant Biology and Pathology, School of Environmental and Biological Sciences

Election Year: 2005

William A. Berggren, Distinguished Visiting Professor, Department of Earth and Planetary Sciences, School of Arts and Sciences

Election Year: 1989

Haim Brezis, Distinguished Visiting Professor of Mathematics, Department of

Mathematics, School of Arts and Sciences

Election Year: 2003

Morrel Cohen, Distinguished Scientist, Department of Physics and Astronomy, School

of Arts and Sciences Election Year: 1978

Hugo K. Dooner, Professor, Department of Plant Biology and Pathology, School of Environmental and Biological Sciences; Waksman Institute of Microbiology

Election Year: 2007

Paul G. Falkowski, Board of Governors Professor of Geological and Marine Science, Department of Earth and Planetary Sciences, School of Arts and Sciences; Institute of Marine and Coastal Sciences; Director, Rutgers Energy Institute

Election Year: 2007

Robin Fox, Professor, Department of Anthropology, School of Arts and Sciences

Election Year: 2013

Charles R. Gallistel, Professor II, Department of Psychology, School of Arts and Sciences; Codirector, Rutgers Center for Cognitive Science

Election Year: 2002

Rochel Gelman, Professor II, Department of Psychology, School of Arts and Sciences; Codirector, Rutgers Center for Cognitive Science

Election Year: 2006

Henryk Iwaniec, New Jersey Professor of Mathematics, Department of Mathematics, School of Arts and Sciences

Election Year: 2006

Dennis Kent, Board of Governors Professor of Geological Sciences, Department of

Earth and Planetary Sciences, School of Arts and Sciences

Election Year: 2004

Joel Lebowitz, George William Hill Professor of Mathematics and Physics, Department of Physics and Astronomy and Department of Mathematics, School of Arts and Sciences

Election Year: 1980

Bonnie J. McCay, Board of Governors Distinguished Service Professor, Department of Human Ecology, School of Environmental and Biological Sciences

Election Year: 2012

David Mechanic, René Dubos University Professor of Behavioral Sciences, Department of Sociology, School of Arts and Sciences; Director, Institute for Health, Health Care Policy and Aging Research

Election Year: 1991

Joachim Messing, Selman A. Waksman Chair in Molecular Genetics and University Professor of Molecular Biology; Director, Waksman Institute of Microbiology Election Year: 2015

James C. Phillips, Distinguished Visiting Professor, Department of Physics and Astronomy, School of Arts and Sciences

Election Year: 1977

Karin Rabe, Professor II, Department of Physics and Astronomy, School of Arts and

Sciences

Election Year: 2013

Lawrence R. Rabiner, Professor II, Department of Electrical and Computer Engineering, School of Engineering; Associate Director, Center for Advanced Information Processing

Election Year: 1990

**Endre Szemerédi**, Professor of Computer Science, Department of Computer Science, School of Arts and Sciences

Election Year: 2010

David Vanderbilt, Professor II, Department of Physics and Astronomy, School of Arts

and Sciences Election Year: 2013

Evelyn Witkin, Barbara McClintock Professor Emerita of Genetics, Waksman Institute

of Microbiology Election Year: 1977

Alexander Zamolodchikov, Board of Governors Professor of Physics, Department of

Physics and Astronomy, School of Arts and Sciences

Election Year: 2016

## NATIONAL ACADEMY OF ENGINEERING

Richard H. Frenkiel, Visiting Professor, Department of Electrical and Computer Engineering, School of Engineering

Election Year: 1997

Bernard H. Kear, New Jersey Professor of Materials Science and Technology, Department of Materials Science and Engineering, School of Engineering; Director, Center for Nanomaterials Research

Election Year: 1979

Charles Kurkjian, Visiting Professor, Department of Materials Science and

Engineering, School of Engineering

Election Year: 1994

Michael Lesk, Professor and Chair, Department of Library and Information Science,

School of Communication and Information

Election Year: 2005

Lawrence R. Rabiner, Professor II, Department of Electrical and Computer

Engineering, School of Engineering; Associate Director, Center for Advanced

Information Processing Election Year: 1983

John B. Wachtman Jr., Professor Emeritus, Department of Materials Science and

Engineering, School of Engineering

Election Year: 1976

Martin Yarmush, Paul and Mary Monroe Chair and Distinguished Professor, Department of Biomedical Engineering, School of Engineering

Election Year: 2017

## NATIONAL ACADEMY OF MEDICINE

Robert Barchi, President

Election Year: 1993

Joel A. DeLisa, Professor Emeritus, Department of Physical Medicine and

Rehabilitation, New Jersey Medical School

Election Year: 2011

Charles K. Francis, Department of Cardiovascular Diseases and Hypertension,

Division of Medicine, Robert Wood Johnson Medical School

Election Year: 1990

William Holzemer, Dean and Professor II, School of Nursing

Election Year: 2003

Casimir A. Kulikowski, Board of Governors Professor of Computer Science,

Department of Computer Science, School of Arts and Sciences

Election Year: 1988

Howard Leventhal, Board of Governors Professor of Health Psychology, Department

of Psychology, School of Arts and Sciences

Election Year: 1997

David Mechanic, René Dubos University Professor of Behavioral Sciences,

Department of Sociology, School of Arts and Sciences; Director, Institute for Health,

Health Care Policy and Aging Research

Election Year: 1971

Louise B. Russell, Distinguished Professor, Department of Economics, School of Arts

and Sciences; Chair, Division of Health Policy, Institute for Health, Health Care Policy

and Aging Research Election Year: 1984

Brian L. Strom, Chancellor, Rutgers Biomedical and Health Sciences; Executive Vice

President, Health Affairs

Election Year: 2001

Source: http://newbrunswick.rutgers.edu/about/members-national-academies

## Rutgers, The State University of New Jersey Institutional Profile Report

Section F
Characteristics of the Governors and Trustees

## Governing Board Characteristics \* 2017 - 2018

## **Board of Governors**

White	African American	Latino	Asian	American Indian	Non- Resident Alien	Vacancy	Total
7	3	1					11
4							4
							0
11	3	1	0	0	0	0	15
	7	White American 7 3 4	White American Latino 7 3 1 4	White American Latino Asian  7 3 1 4	White     American     Latino     Asian     Indian       7     3     1       4     1     1	White     African American American American American Alien       7     3       4	White     African American American American Indian     Resident Alien     Vacancy       7     3     1       4     4

## **Board of Trustees**

	White	African American	Latino	Asian	American Indian	Non- Resident Alien	Vacancy	Total
Male	15	4	2	2				23
Female	8	4	1	1				14
Vacancy							4	4
Total	23	8	3	3	0	0	4	41

<sup>\*</sup>Due to the signing of S-2468 and A-3988 by Governor Christie on February 5, 2015, the number of members on the Board of Trustees has been reduced.

### **Board of Governors and Trustees**

URL http://ruweb.rutgers.edu/governance/

## Governing Board Characteristics Members of the Board of Governors and/or Trustees FY 2017- 2018

## **Board of Governors**

NAME	TITLE	AFFILIATION
Robert L. Barchi	President	Ex Officio Member of the Board of Governors
Sandy J. Stewart	Chair	Biotech Entrepreneur
Mark A. Angelson	Vice Chair	Institute of International Education's Scholar Rescue Fund
Keith T. Banks	President	U.S. Trust, Bank of America Private Wealth Management
Gregory Q. Brown	Chairman and Chief Executive Officer	Motorola Solutions, Inc.
Dorothy W. Cantor	Psychologist	Private Practice - Westfield, New Jersey
Margaret T. Derrick	Senior Counselor, Retired	Consumer Credit Counseling Services of N.J., Inc.
Frank B. Hundley	Vice President Wealth Management	Janney Montgomery Scott LLC
Susan M. McCue	President	Message Global LLC
Martin Perez	Attorney	Perez & Bomblyn P.C Attorneys at Law; Founder and President of the Latino Leadership Alliance of New Jersey (LLANJ)
Joseph M. Rigby	Chairman of the Board, President and Chief Executive Officer	Pepco Holdings, Inc.
Dudley H. Rivers, Jr.	Global Controller	Financial Services, Johnson & Johnson Corporate
Richard W. Roper	President	The Roper Group, Public Policy Consulting
Kenneth M. Schmidt	Retired, Managing Director	Dillon Read & Co., Inc.
William M. Tambussi	Partner	Brown & Connery, LLP
Heather C. Taylor	Director	EisnerAmper LLP
Peter R. Gillett	Faculty Representative	Associate Professor, Rutgers Business School
Samuel Rabinowitz	Faculty Representative	School of Business-Camden
Anish Patel	Student Representative	School of Arts and Sciences

## Governing Board Characteristics Members of the Board of Governors and/or Trustees FY 2017-2018

## **Board of Trustees**

NAME	TITLE	AFFILIATION
Robert L. Barchi	President	Ex Officio Member of the Board of Trustees
William E. Best	Senior Vice President	PNC Bank
Mary I. DiMartino	Executive Director	J.P. Morgan Securities LLC
James F. Dougherty	Internist and Co-Owner	Metropolitan Veterinary Associates
Michael W. Azzara	Senior Consultant	Foley Proctor Yoskowitz
Rahn K. Bailey	Chairman and Professor	Department of Psychiatry, Wake Forest Baptist Medical Center
Gregory Bender	Senior Packaging, Handling, Storage and Transportation Engineer	Naval Surface Warfare Center, Indian Head Division
Dominick J. Burzichelli	Vice President and Chief Operating Officer	Rowan College at Gloucester County
Gary W. Chropuvka	Head of Customized Beta Strategies, Alternative Investment Core Strategies	Goldman Sachs Asset Management Quantitative Investment Strategies
Hollis A. Copeland	Principal-Institutional Stock Broker	Williams Capital Group
Anthony Covington	Student Charter Trustee, 2019	School of Arts and Sciences, B.A., 2015
Alan M. Crosta, Jr.	Chairman	Department of Anesthesiology, Morristown Medical Center
Steven M. Darien	Chairman and Chief Executive Officer	The Cabot Advisory Group LLC
Resham Dhaduk	Student Charter Trustee, 2023	Rutgers Business School–Newark, B.S., 2017
Marisa A. Dietrich	Program Coordinator	Center for the Advancement of STEM Teaching and Learning Excellence at Drexel University
Teresa A. Dolan	Vice President and Chief Clinical Officer	DENTSPLY International
Norman H. Edelman	Professor of Preventative and Internal Medicine; Core Faculty	Program in Public Health, State University of New York at Stony Brook
Ronald J. Garutti	Retired, Group Vice President and Head	Global Regulatory Affairs, Schering-Plough
Evangeline Gomez	Of Counsel	Fahy Choi, LLC
M. Wilma Harris	Retired, Vice President, Human Resources	Prudential

## Governing Board Characteristics Members of the Board of Governors and/or Trustees FY 2017-2018

## **Board of Trustees**

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Nimesh S. Jhaveri	Divisional Vice President	Health Services Development, Walgreens Boots Alliance
Kenneth R. Johnson	Vice President and General Manager - Retired	Lockheed Martin Corporation
Roberta Kanarick	Educational Consultant	
Tilak Lal	Managing Director	Risk Management, K2 Advisors
Jennifer Lewis-Hall	Broadcast Journalist, Radio Host, Television and Media Expert, President and Founder	The Journey Productions, LLC
Debra Ann Lynch	Director of Psychology	Hunterdon Developmental Center
Amy B. Mansue	President	Southern Region, RWJ Barnabas Health
Robert E. Mortensen	Chief Executive Officer	Rift Valley Railways (Uganda)
Tolulope A. Oyetunde	Student Charter Trustee - 2021	New Jersey Medical School
Mary Papamarkou	Managing Director	Mutual Fund Distritution, Hotchkis & Wiley
Jose A. Piazza	Vice President - Finance Transformation Program	Verizon Services Operations
James H. Rhodes	Deputy County Administrator	County of Camden
Carole Sampson-Landers	Director, Global Development, Women's Health	Bayer Healthcare
Richard H. Shindell	Retired, Vice President	T. Rowe Price Association
Kate Sweeney	Senior Vice President- Financial Advisor, Certified Financial Planner	Morgan Stanley
Steven H. Temares	Chief Executive Officer	Bed Bath & Beyond
Edgar Torres	Clinical Associate Professor	College of Health Sciences, University of Massachusetts, Lowell
Ronald D. Wilson	Retired, President and Chief Operating Officer	Philadelphia Coca-Cola Bottling Company
Robert A. Schwartz	Faculty Representative	Rutgers-New Jersey Medical School
Menahem Spiegel	Faculty Representative	Department of Finance and Economics
Jonathan L. Gonzalez	Graduate Student Representative	Rutgers Law–Newark
Julieline R. Serrano	Undergraduate Student Representative	School of Arts and Sciences

## Rutgers, The State University of New Jersey Institutional Profile Report

Section G

A Profile of the Institution - Degree Programs

		Rutgers University / Camden	den	
Bachelor's	B.S.	Accounting	Accounting	520301
Bachelor's	B.A.	Afro-American Studies	African-American/Black Studies	050201
Bachelor's	B.A.	Art	Art/Art Studies, General	500701
Bachelor's	B.A.	Biology	Biology/Biological Sciences, General	260101
Bachelor's	B.S.	Biology	Biology/Biological Sciences, General	260101
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LEVEL	DEGREE/ 4	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.S.	Biomedical Technology	Clinical Laboratory Science/Medical Technology/Technologist	511005
Bachelor's	B.A.	Business Administration	Business Administration and Management, General	520201
Bachelor's	B.A.	Chemistry	Chemistry, General	400501
Bachelor's	B.S.	Chemistry	Chemistry, General	400501
Bachelor's	B.A.	Childhood Studies	Multi-/Interdisciplinary Studies, Other	309999
Bachelor's	B.S.	Computational & Integrative Biology	Computational Biology	261104
Bachelor's	B.A.	Computer Science	Computer and Information Sciences, General	110101
Bachelor's	B.S.	Computer Science	Computer and Information Sciences, General	110101
Bachelor's	B.A.	Criminal Justice	Criminal Justice/Safety Studies	430104
Bachelor's	B.A.	Economics	Economics, General	450601
Bachelor's	B.A.	English	English Language and Literature, General	230101
Bachelor's	B.S.	Finance	Finance, General	520801
Bachelor's	B.A.	French	French Language and Literature	160901
Bachelor's	B.A.	General Science	Biological and Physical Sciences	300101
Bachelor's	B.A.	German	German Language and Literature	160501
Bachelor's	B.A.	Health Sciences	Health Services/Allied Health/Health Sciences, General	510000
Bachelor's	B.A.	History	History, General	540101
Bachelor's	B.H.M.	Hospitality Management	Hospitality Administration/Management, General	520901
Bachelor's	B.S.	Human Resource Management	Human Resources Management/Personnel Administration, General	521001
Bachelor's	B.A.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
Bachelor's	B.S.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
Bachelor's	B.A.	Liberal Studies	Liberal Arts and Sciences/Liberal Studies	240101
Bachelor's	B.S.	Management	Business Administration and Management, General	520201
Bachelor's	B.S.	Marketing	Marketing/Marketing Management, General	521401
Bachelor's	B.A.	Mathematics	Mathematics, General	270101
Bachelor's	B.S.	Mathematics	Mathematics, General	270101
Bachelor's	B.A.	Music	Music, General	500901
Bachelor's	B.S.	Nursing	Registered Nursing/Registered Nurse	513801

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.A.	Philosophy	Philosophy	380101
Bachelor's	B.A.	Physics	Physics, General	400801
Bachelor's	B.S.	Physics	Physics, General	400801
Bachelor's	B.A.	Political Science	Political Science and Government, General	451001
Bachelor's	B.A.	Psychology	Psychology, General	420101
Bachelor's	B.A.	Social Work	Social Work	440701
Bachelor's	B.A.	Sociology	Sociology	451101
Bachelor's	B.A.	Spanish	Spanish Language and Literature	160905
Bachelor's	B.A.	Theater	Drama and Dramatics/Theatre Arts, General	500501
Bachelor's	B.A.	Urban Studies	Urban Studies/Affairs	451201
Post-Baccalaureate	Grad.Cert.	School Nurse	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	513899
Post-Baccalaureate	Grad.Cert.	Science and Technology Management	Biological and Physical Sciences	300101
Master's	M.Acc.	Accounting	Accounting	520301
Master's	M.S.	Biology	Biology/Biological Sciences, General	260101
Master's	M.S.T.	Biology	Biology/Biological Sciences, General	260101
Master's	M.B.A.	Business Administration	Business Administration and Management, General	520201
Master's	M.S.	Business Analytics	Management Science	521301
Master's	M.B.S.	Business and Science	Biological and Physical Sciences	300101
Master's	M.S.	Chemistry	Chemistry, General	400501
Master's	M.A.	Childhood Studies	Multi-/Interdisciplinary Studies, Other	309999
Master's	M.S.	Computational and Integrative Biology	Computational Biology	261104
Master's	M.S.	Computer Science	Computer Science	110701
Master's	M.F.A.	Creative Writing	Creative Writing	231302
Master's	M.A.	Criminal Justice	Criminal Justice/Safety Studies	430104
Master's	M.A.	English	English Language and Literature, General	230101
Master's	M.A.T.	Foreign Language	Foreign Languages and Literatures, General	160101
Master's	M.A.	History	History, General	540101
Master's	M.A.	Liberal Studies	Liberal Arts and Sciences/Liberal Studies	240101

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LEVEL	DEGREE/ /	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.S.	Mathematical Sciences	Mathematics and Statistics, Other	279999
Master's	M.P.T.	Physical Therapy	Physical Therapy/Therapist	512308
Master's	M.A.	Psychology	Psychology, General	420101
Master's	M.P.A.	Public Administration	Public Administration	440401
Master's	M.S.	Public Affairs	Public Policy Analysis, General	440501
Master's	M.P.H.	Public Health	Public Health, General	512201
Master's	M.S.W.	Social Work	Social Work	440701
Master's	M.S.	Taxation	Taxation	521601
Post-Master's	Grad. Cert.	Educational Leadership	Educational Leadership and Administration, General	130401
Doctoral	Ph.D.	Childhood Studies	Multi-/Interdisciplinary Studies, Other	309999
Doctoral	Ph.D.	Computational and Integrative Biology	Computational Biology	261104
Doctoral	Ph.D.	Neurosciences	Neurobiology and Anatomy	261503
Doctoral	D.N.P.	Nursing Practice	Nursing Practice	513818
Doctoral	D.P.T.	Physical Therapy	Physical Therapy/Therapist	512308
Doctoral	Ph.D.	Public Affairs	Public Policy Analysis, General	440501
Professional	J.D.	Law	Law	220101
		Rutgers University / New Brunswick	ıswick	
Pre-Bachelor's	Certif	Environmental Planning	Environmental Design/Architecture	040401
Bachelor's	B.S.	Accounting	Accounting	520301
Bachelor's	B.A.	African/Middle Eastern and South Asian Languages & Literatures	Foreign Languages and Literatures, General	160101
Bachelor's	B.A.	Africana Studies	African-American/Black Studies	050201
Bachelor's	B.A.	American Studies	American/United States Studies/Civilization	050102
Bachelor's	B.S.	Animal Sciences	Animal Sciences, General	010901
Bachelor's	B.A.	Anthropology	Anthropology	450201
Bachelor's	B.S.	Applied Sciences In Engineering	Engineering Science	141301
Bachelor's	B.A.	Art History	Art History, Criticism and Conservation	500703
Bachelor's	B.S.	Astrophysics	Astrophysics	400202
Bachelor's	B.A.	Biochemistry	Biochemistry	260202

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.S.	Bioenvironmental Engineering	Agricultural Engineering	140301
Bachelor's	B.A.	Biological Sciences	Biology/Biological Sciences, General	260101
Bachelor's	B.S.	Biological Sciences	Biology/Biological Sciences, General	260101
Bachelor's	B.A.	Biomathematics	Biometry/Biometrics	261101
Bachelor's	B.S.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Bachelor's	B.S.	Biotechnology	Biotechnology	261201
Bachelor's	B.S.	Business Analytics & Information Technology	Management Science	521301
Bachelor's	B.A.	Cell Biology & Neuroscience	Cell/Cellular Biology and Histology	260401
Bachelor's	B.S.	Chemical Engineering	Chemical Engineering	140701
Bachelor's	B.A.	Chemistry	Chemistry, General	400501
Bachelor's	B.A.	Chinese	Chinese Language and Literature	160301
Bachelor's	B.A.	Cinema Studies	Film/Cinema/Video Studies	500601
Bachelor's	B.S.	Civil Engineering	Civil Engineering, General	140801
Bachelor's	B.A.	Classics	Classics and Classical Languages, Literatures, and Linguistics, General	161200
Bachelor's	B.A.	Communication	Speech Communication and Rhetoric	090101
Bachelor's	B.A.	Comparative Literature	Comparative Literature	160104
Bachelor's	B.A.	Computer Science	Computer and Information Sciences, General	110101
Bachelor's	B.S.	Computer Science	Computer and Information Sciences, General	110101
Bachelor's	B.A.	Criminal Justice	Criminal Justice/Law Enforcement Administration	430103
Bachelor's	B.A.	Dance	Dance, General	500301
Bachelor's	B.F.A.	Dance	Dance, General	500301
Bachelor's	B.S.	Dental Hygiene	Dental Hygiene/Hygienist	510602
Bachelor's	B.F.A.	Digital Filmmaking	Cinematography and Film/Video Production	500602
Bachelor's	B.A.	East Asian Languages & Area Studies	East Asian Studies	050104
Bachelor's	B.S.	Ecology/Evolution and Natural Resources	Natural Resources Management and Policy	030201
Bachelor's	B.A.	Economics	Economics, General	450601
Bachelor's	B.S.	Electrical & Computer Engineering	Electrical and Electronics Engineering	141001
Bachelor's	B.A.	English	English Language and Literature, General	230101
Bachelor's	B.S.	Entomology	Entomology	260702
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	LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
	Bachelor's	B.S.	Environmental & Business Economics	Social Sciences, Other	459999
	Bachelor's	B.S.	Environmental Planning & Design	Environmental Design/Architecture	040401
	Bachelor's	B.S.	Environmental Policy/ Institutions & Behavior	Environmental Studies	030103
	Bachelor's	B.S.	Environmental Sciences	Environmental Science	030104
	Bachelor's	B.A.	European Studies	European Studies/Civilization	050106
	Bachelor's	B.S.	Evolutionary Anthropology	Anthropology	450201
	Bachelor's	B.S.	Exercise Science & Sport Studies	Kinesiology and Exercise Science	310505
	Bachelor's	B.S.	Finance	Finance, General	520801
	Bachelor's	B.S.	Food Science	Food Science	011001
	Bachelor's	B.A.	French	French Language and Literature	160901
	Bachelor's	B.A.	Genetics	Molecular Genetics	260802
	Bachelor's	B.A.	Genetics & Microbiology	Animal Genetics	260804
	Bachelor's	B.A.	Geography	Geography	450701
	Bachelor's	B.S.	Geological Sciences	Geology/Earth Science, General	400601
	Bachelor's	B.A.	German	German Language and Literature	160501
, -	Bachelor's	B.A.	History	History, General	540101
	Bachelor's	B.A.	History & French	History, Other	540199
	Bachelor's	B.A.	History & Political Science	History, General	540101
	Bachelor's	B.A.	Human Resource Management	Human Resources Management/Personnel Administration, General	521001
	Bachelor's	B.S.	Industrial & Systems Engineering	Industrial Engineering	143501
	Bachelor's	B.A.	Information Technology & Informatics	Information Science/Studies	110401
	Bachelor's	B.A.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
	Bachelor's	B.S.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
	Bachelor's	B.A.	Italian	Italian Language and Literature	160902
	Bachelor's	B.A.	Jewish Studies	Jewish/Judaic Studies	380206
	Bachelor's	B.A.	Journalism and Media Studies	Journalism	090401
	Bachelor's	B.S.	Labor and Employment Relations	Labor and Industrial Relations	521002
	Bachelor's	B.A.	Labor Studies and Employment Relations	Labor and Industrial Relations	521002
	Bachelor's	B.S.	Landscape Architecture	Landscape Architecture	040601
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LEVEL	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE

LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.A.	Latin American Studies	Latin American Studies	050107
Bachelor's	B.A.	Latino & Caribbean Studies	Hispanic-American, Puerto Rican, and Mexican- American/Chicano Studies	050203
Bachelor's	B.A.	Linguistics	Linguistics	160102
Bachelor's	B.S.	Management	Business Administration and Management, General	520201
Bachelor's	B.S.	Marine Sciences	Marine Biology and Biological Oceanography	261302
Bachelor's	B.S.	Marketing	Marketing/Marketing Management, General	521401
Bachelor's	B.S.	Materials Science & Engineering	Ceramic Sciences and Engineering	140601
Bachelor's	B.A.	Mathematics	Mathematics, General	270101
Bachelor's	B.S.	Mathematics	Mathematics, General	270101
Bachelor's	B.S.	Mechanical Engineering	Mechanical Engineering	141901
Bachelor's	B.S.	Medical Technology	Clinical Laboratory Science/Medical Technology/Technologist	511005
Bachelor's	B.A.	Medieval Studies	Medieval and Renaissance Studies	301301
Bachelor's	B.S.	Meteorology	Meteorology	400404
Bachelor's	B.S.	Microbiology	Microbiology, General	260502
Bachelor's	B.A.	Middle Eastern Studies	Near and Middle Eastern Studies	050108
Bachelor's	B.S.	Molecular Biology & Biochemistry	Molecular Biology	260204
Bachelor's	B.A.	Music	Music, General	500901
Bachelor's	B.Mus.	Music	Music Performance, General	500903
Bachelor's	B.S.	Nutritional Sciences	Nutrition Sciences	301901
Bachelor's	B.S.	Pharmacy	Pharmacy, Pharmaceutical Sciences, and Administration, Other	512099
Bachelor's	B.A.	Philosophy	Philosophy	380101
Bachelor's	B.A.	Physics	Physics, General	400801
Bachelor's	B.S.	Physics	Physics, General	400801
Bachelor's	B.A.	Planning & Public Policy	Urban Studies/Affairs	451201
Bachelor's	B.S.	Plant Science	Plant Sciences, General	011101
Bachelor's	B.A.	Political Science	Political Science and Government, General	451001
Bachelor's	B.A.	Portuguese	Portuguese Language and Literature	160904
Bachelor's	B.A.	Psychology	Psychology, General	420101
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LEVEL	DEGREE/ /	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.S.	Psychology	Psychology, General	420101
Bachelor's	B.S.	Public Health	Public Health, General	512201
Bachelor's	B.S.	Public Policy	Urban Studies/Affairs	451201
Bachelor's	B.A.	Religion	Religion/Religious Studies	380201
Bachelor's	B.A.	Russian	Russian Language and Literature	160402
Bachelor's	B.A.	Social Work	Social Work	440701
Bachelor's	B.A.	Sociology	Sociology	451101
Bachelor's	B.A.	Spanish	Spanish Language and Literature	160905
Bachelor's	B.A.	Statistics	Statistics, General	270501
Bachelor's	B.A.	Statistics/Mathematics	Statistics, General	270501
Bachelor's	B.S.	Supply Chain Management	Logistics, Materials, and Supply Chain Management	520203
Bachelor's	B.A.	Theater Arts	Drama and Dramatics/Theatre Arts, General	500501
Bachelor's	B.F.A.	Theater Arts	Drama and Dramatics/Theatre Arts, General	500501
Bachelor's	B.A.	Visual Arts	Art/Art Studies, General	500701
. Bachelor's	B.F.A.	Visual Arts	Art/Art Studies, General	500701
. Bachelor's	B.A.	Women's & Gender Studies	Women's Studies	050207
Post-Baccalaureate	Grad.Cert.	Academic Leadership and Governance	Higher Education/Higher Education Administration	130406
Post-Baccalaureate	Grad.Cert.	Medical and Health Professions Education	Health Teacher Education	131307
Post-Baccalaureate	Grad.Cert.	Organizational Contexts of Higher Education	Higher Education/Higher Education Administration	130406
Post-Baccalaureate	Grad.Cert.	Packaging Engineering	Packaging Science	151503
Post-Baccalaureate	Grad.Cert.	Science and Technology Management	Biological and Physical Sciences	300101
Mast.Cert.	Grad.Cert.	Computational and Data-Enabled Science and Engineering	Computational Science	303001
Mast.Cert.	Grad.Cert.	Contemplative Studies	Religion/Religious Studies	380201
Mast.Cert.	Grad.Cert.	Educational Technology	Educational/Instructional Technology	130501

INVENTORY OF DEGREE PROGRAMS OFFERED BY NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION
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<b>LEVEL</b> Mast.Cert.	DEGREE/ A Grad.Cert.	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE Grad.Cert. Environmental Resource Monitoring	CIP GROUP TITLE Environmental Studies	<b>CODE</b> 030103
Mast.Cert.	Grad.Cert.	International Agriculture/Environment	International Agriculture	010701
Mast.Cert.	Grad.Cert.	Library Services	Library and Information Science	250101
Mast.Cert. Mast.Cert.	Certif Grad.Cert.	P-3 Education Certification Pharmaceuticals and Clinical Trials Management	Early Childhood Education and Teaching Biological and Physical Sciences	131210
Mast.Cert.	Grad.Cert.	Religion and Conflict	Religion/Religious Studies	380201
Mast.Cert.	Grad. Cert.	Religions in America	Religion/Religious Studies	380201
Mast.Cert.	Grad.Cert.	Religious Studies	Religion/Religious Studies	380201
Master's	M.Accy.	Accounting	Accounting	520301
Master's	M.Ed.	Administration & Supervision/Elementary Education	Elementary and Middle School Administration/Principalship	130408
Master's	M.Ed.	Administration & Supervision/Secondary Education	Secondary School Administration/Principalship	130409
Master's	M.Ed.	Adult & Continuing Education	Adult and Continuing Education and Teaching	131201
Master's	M.A.	Anthropology	Anthropology	450201
Master's	M.Phil.	Anthropology	Anthropology	450201
Master's	M.A.	Art History	Art History, Criticism and Conservation	500703
Master's	M.Phil.	Art History	Art History, Criticism and Conservation	500703
Master's	Diploma	Artist's Diploma In Music	Music Performance, General	500903
Master's	M.S.	Atmospheric Science	Atmospheric Sciences and Meteorology, Other	400499
Master's	M.S.	Biochemistry	Biochemistry	260202
Master's	M.S.	Biochemistry	Biochemistry	260202
Master's	M.S.	Bioenvironmental Engineering	Agricultural Engineering	140301
Master's	M.E.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Master's	M.S.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Master's	M.S.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Master's	M.B.S.	Business and Science	Biological and Physical Sciences	300101

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"	LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Σ	Master's	M.S.	Cell & Developmental Biology	Cell/Cellular Biology and Histology	260401
Σ	Master's	M.S.	Cell & Developmental Biology	Cell/Cellular Biology and Histology	260401
Σ	Master's	M.S.	Cellular & Molecular Pharmacology	Pharmacology	261001
Σ	Master's	M.S.	Cellular & Molecular Pharmacology	Pharmacology	261001
Σ	Master's	M.Phil.	Chemical & Biochemical Engineering	Chemical Engineering	140701
Σ	Master's	M.S.	Chemical & Biochemical Engineering	Chemical Engineering	140701
Σ	Master's	M.E.	Chemical and Biochemical Engineering	Chemical Engineering	140701
Σ	Master's	M.Phil.	Chemistry & Chemical Biology	Chemistry, General	400501
Σ	Master's	M.S.	Chemistry & Chemical Biology	Chemistry, General	400501
Σ	Master's	M.S.T.	Chemistry & Chemical Biology	Chemistry, General	400501
Σ	Master's	M.A.T.	Chinese	Chinese Language and Literature	160301
	Master's	M.C.R.P.	City & Regional Planning	City/Urban, Community and Regional Planning	040301
	Master's	M.C.R.S.	City & Regional Studies	City/Urban, Community and Regional Planning	040301
	Master's	M.Phil.	Civil & Environmental Engineering	Civil Engineering, General	140801
	Master's	M.S.	Civil & Environmental Engineering	Civil Engineering, General	140801
⊇ al Profi	Master's	M.A.	Classics	Classics and Classical Languages, Literatures, and Linguistics, General	161200
	Master's	M.A.T.	Classics	Classics and Classical Languages, Literatures, and Linguistics, General	161200
Σ	Master's	M.Phil.	Classics	Classics and Classical Languages, Literatures, and Linguistics, General	161200
Σ	Master's	Ed.M.	College Student Affairs	College Student Counseling and Personnel Services	131102
Σ	Master's	M.C.I.S.	Communication & Information Studies	Information Science/Studies	110401
Σ	Master's	M.Phil.	Communication/Information/Library Studies	Library and Information Science	250101
Σ	Master's	M.A.	Comparative Literature	Comparative Literature	160104
Σ	Master's	M.S./Ph.D.	Computational Biology and Molecular Biophysics	Biological and Physical Sciences	300101
Ž	Master's	M.B.S.	Computer and Information Sciences	Computer and Information Sciences, Other	110199
Σ	Master's	M.Phil.	Computer Science	Computer and Information Sciences, General	110101
Σ	Master's	M.S.	Computer Science	Computer and Information Sciences, General	110101
Σ	Master's	M.F.A.	Critical Writing	English Language and Literature/Letters, Other	239999

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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.F.A.	Dance	Dance, General	500301
Master's	Ed.M.	Dance Education	Drama and Dance Teacher Education	131324
Master's	M.A.	East Asian Languages and Cultures	East Asian Languages, Literatures, and Linguistics, General	160300
Master's	M.S.	Ecology & Evolution	Ecology	261301
Master's	M.A.	Economics	Econometrics and Quantitative Economics	450603
Master's	M.Phil.	Economics	Econometrics and Quantitative Economics	450603
Master's	M.A.	Education [Option Within Ph.D. Program Only]	Education, General	130101
Master's	M.L.S.	Educational Media Services	Library Science, Other	259999
Master's	M.Ed.	Educational Statistics & Measurement	Educational Statistics and Research Methods	130603
Master's	M.Phil.	Electrical & Computer Engineering	Electrical and Electronics Engineering	141001
Master's	M.S.	Electrical & Computer Engineering	Electrical and Electronics Engineering	141001
Master's	M.Ed.	Elementary/Early Childhood Education	Elementary Education and Teaching	131202
Master's	M.S.	Endocrinology and Animal Biosciences	Animal Sciences, General	010901
Master's	M.B.S.	Engineering Management	Engineering/Industrial Management	151501
Master's	M.Ed.	English Education	English/Language Arts Teacher Education	131305
Master's	M.S.	Entomology	Entomology	260702
Master's	M.S.	Environmental Sciences	Environmental/Environmental Health Engineering	141401
Master's	M.Fin.A.	Financial Analysis	Business Statistics	521302
Master's	M.S.	Food & Business Economics	Agricultural Economics	010103
Master's	M.Phil.	Food Science	Food Science	011001
Master's	M.S.	Food Science	Food Science	011001
Master's	M.A.	French	French Language and Literature	160901
Master's	M.A.T.	French	French Language and Literature	160901
Master's	M.A.	Geography	Geography	450701
Master's	M.Phil.	Geography	Geography	450701
Master's	M.S.	Geography	Geography	450701
Master's	M.Phil.	Geological Sciences	Geology/Earth Science, General	400601
Master's	M.S.	Geological Sciences	Geology/Earth Science, General	400601
Master's	M.A.	German	German Language and Literature	160501

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.Phil.	German	German Language and Literature	160501
Master's	M.S.	Health Care Management	Health/Health Care Administration/Management	510701
Master's	M.S.	Health Outcomes, Policy, and Economics	Pharmacoeconomics/Pharmaceutical Economics	512007
Master's	M.A.	Higher Education	Higher Education/Higher Education Administration	130406
Master's	M.A.	History	History, General	540101
Master's	M.H.R.M.	Human Resource Management	Human Resources Management/Personnel Administration, General	521001
Master's	M.S.	Industrial & Systems Engineering	Industrial Engineering	143501
Master's	M.S.	Information	Library and Information Science	250101
Master's	M.L.S.	Information Science	Library and Information Science	250101
Master's	M.I.T.	Information Technology	Information Technology	110103
Master's	M.A.	Italian	Italian Language and Literature	160902
Master's	M.A.T.	Italian	Italian Language and Literature	160902
Master's	M.Phil.	Italian	Italian Language and Literature	160902
Master's	M.A.	Jewish Studies	Jewish/Judaic Studies	380206
Master's	M.L.E.R.	Labor & Employment Relations	Human Resources Management/Personnel Administration, General	521001
Master's	M.L.A.	Landscape Architecture	Landscape Architecture	040601
Master's	M.Ed.	Language Education	Foreign Language Teacher Education	131306
Master's	M.Ed.	Learning/Cognition & Development	Educational Psychology	422806
Master's	M.L.S.	Library Administration	Library Science, Other	259999
Master's	M.A.	Linguistics	Linguistics	160102
Master's	M.Ed.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas, Other	131399
Master's	M.A.	Literatures In English	English Language and Literature, General	230101
Master's	M.Phil.	Literatures In English	English Language and Literature, General	230101
Master's	M.Phil.	Materials Science & Engineering	Ceramic Sciences and Engineering	140601
Master's	M.S.	Materials Science & Engineering	Ceramic Sciences and Engineering	140601
Master's	M.S.	Mathematics	Mathematics, General	270101
Master's	M.Ed.	Mathematics Education	Mathematics Teacher Education	131311
Master's	M.E.	Mechanical & Aerospace Engineering	Mechanical Engineering	141901
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Master's	M.Phil.	Mechanical & Aerospace Engineering	Mechanical Engineering	141901
Master's	M.S.	Mechanical & Aerospace Engineering	Mechanical Engineering	141901
Master's	M.Phil.	Mechanics	Mechanical Engineering	141901
Master's	M.S.	Mechanics	Mechanical Engineering	141901
Master's	M.S.	Medicinal Chemistry	Medicinal and Pharmaceutical Chemistry	512004
Master's	M.S.	Microbial Biology	Microbiology, General	260502
Master's	M.Phil.	Microbiology & Molecular Genetics	Medical Microbiology and Bacteriology	260503
Master's	M.S.	Microbiology & Molecular Genetics	Molecular Genetics	260802
Master's	M.S.	Microbiology & Molecular Genetics	Molecular Genetics	260802
Master's	M.A.	Music	Music, General	500901
Master's	M.M.	Music	Music, General	500901
Master's	M.Phil.	Music	Music, General	500901
Master's	M.M.	Music Education	Music Teacher Education	131312
Master's	M.S.	Neuroscience	Neurobiology and Anatomy	261503
Master's	M.Phil.	Nutritional Sciences	Nutrition Sciences	301901
Master's	M.S.	Nutritional Sciences	Nutrition Sciences	301901
Master's	M.S.	Oceanography	Oceanography, Chemical and Physical	400607
Master's	M.S.	Operations Research	Operations Research	143701
Master's	M.S.	Pharmaceutical Science	Medicinal and Pharmaceutical Chemistry	512004
Master's	M.A.	Philosophy	Philosophy	380101
Master's	M.Phil.	Philosophy	Philosophy	380101
Master's	M.Phil.	Philosophy in Computational Biology and Molecular Biophysics	Biological and Physical Sciences	300101
Master's	M.S.T.	Physics	Physics, General	400801
Master's	M.Phil.	Physics & Astronomy	Physics, Other	400899
Master's	M.S.	Physics & Astronomy	Physics, Other	400899
Master's	M.S.	Physiology & Integrative Biology	Physiology, General	260901
Master's	M.Phil.	Plant Biology	Botany/Plant Biology	260301
Master's	M.S.	Plant Biology	Botany/Plant Biology	260301
Master's	M.A.	Political Science	Political Science and Government, General	451001

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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.Phil.	Political Science	Political Science and Government, General	451001
Master's	Psy.M.	Professional Psychology	Psychology, General	420101
Master's	M.A.	Psychology	Psychology, General	420101
Master's	M.S.	Psychology	Psychology, General	420101
Master's	M.P.A.P	Public Affairs & Politics	Public Policy Analysis, General	440501
Master's	M.P.H.	Public Health	Public Health, General	512201
Master's	M.P.P.	Public Policy	Public Policy Analysis, General	440501
Master's	M.Q.F.	Quantitative Finance	Management Sciences and Quantitative Methods, Other	521399
Master's	M.Ed.	Reading	Reading Teacher Education	131315
Master's	M.A.	Religious Studies	Religion/Religious Studies	380201
Master's	M.Ed.	School Business Administration	Educational Leadership and Administration, General	130401
Master's	M.Ed.	School Counseling and Counseling Psychology	Counselor Education/School Counseling and Guidance Services	131101
Master's	M.Ed.	Science Education	Science Teacher Education/General Science Teacher Education	131316
Master's	M.Ed.	Social & Philosophical Foundations	Social and Philosophical Foundations of Education	130901
Master's	M.Ed.	Social Studies Education	Social Studies Teacher Education	131318
Master's	M.S.W.	Social Work	Social Work	440701
Master's	M.A.	Sociology	Sociology	451101
Master's	M.Phil.	Sociology	Sociology	451101
Master's	M.A.	Spanish	Spanish Language and Literature	160905
Master's	M.A.T.	Spanish	Spanish Language and Literature	160905
Master's	M.Ed.	Special Education	Special Education and Teaching, General	131001
Master's	M.Phil.	Statistics	Statistics, General	270501
Master's	M.S.	Statistics & Biostatistics	Statistics, General	270501
Master's	M.S.	Supply Chain Management	Logistics, Materials, and Supply Chain Management	520203
Master's	M.Accy.	Taxation	Accounting	520301
Master's	M.F.A.	Theater Arts	Drama and Dramatics/Theatre Arts, General	500501
Master's	M.T.A.	Theater Arts	Drama and Dramatics/Theatre Arts, General	500501
Master's	M.S.	Toxicology	Toxicology	261004

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.S.	Toxicology	Toxicology	261004
Master's	M.F.A.	Visual Arts	Art/Art Studies, General	500701
Master's	M.Ed.	Vocational-Technical Education	Technical Teacher Education	131319
Master's	M.A.	Women's & Gender Studies	Women's Studies	050207
Prof. Post-Mast.	Ed.S.	Educational Administration & Supervision	Educational Leadership and Administration, General	130401
Prof. Post-Mast.	Ed.S.	Elementary/Early Childhood Education	Elementary Education and Teaching	131202
Prof. Post-Mast.	Ed.S.	Language Education	Foreign Language Teacher Education	131306
Prof. Post-Mast.	Ed.S.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas, Other	131399
Prof. Post-Mast.	Ed.S.	Mathematics Education	Mathematics Teacher Education	131311
Prof. Post-Mast.	Ed.S.	Science Education	Science Teacher Education/General Science Teacher Education	131316
Prof. Post-Mast.	Ed.S.	Social & Philosophical Foundations	Social and Philosophical Foundations of Education	130901
Prof. Post-Mast.	Ed.S.	Social Studies Education	Social Studies Teacher Education	131318
Prof. Post-Mast.	Ed.S.	Vocational-Technical Education	Technical Teacher Education	131319
Doctoral	Ph.D.	Anthropology	Anthropology	450201
Doctoral	Ph.D.	Art History	Art History, Criticism and Conservation	500703
Doctoral	Ph.D.	Atmospheric Science	Atmospheric Sciences and Meteorology, Other	400499
Doctoral	Ph.D.	Biochemistry	Biochemistry	260202
Doctoral	Ph.D.	Biochemistry	Biochemistry	260202
Doctoral	Ph.D.	Biomaps: Program In Computational Biology & Molecular Biophysics	Biological and Physical Sciences	300101
Doctoral	Ph.D.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Doctoral	Ph.D.	Cell & Developmental Biology	Cell/Cellular Biology and Histology	260401
Doctoral	Ph.D.	Cellular & Molecular Pharmacology	Pharmacology	261001
Doctoral	Ph.D.	Cellular & Molecular Pharmacology	Pharmacology	261001
Doctoral	Ph.D.	Chemical & Biochemical Engineering	Chemical Engineering	140701
Doctoral	Ph.D.	Chemistry & Chemical Biology	Chemistry, General	400501
Doctoral	Ph.D.	Civil & Environmental Engineering	Civil Engineering, General	140801
Doctoral	Ph.D.	Classics	Classics and Classical Languages, Literatures, and Linguistics, General	161200

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	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Doctoral	Ph.D.	Communication/Information/Library Studies	Library and Information Science	250101
Doctoral	Ph.D.	Comparative Literature	Comparative Literature	160104
Doctoral	Ph.D.	Computer Science	Computer and Information Sciences, General	110101
Doctoral	Ed.D.	Counseling Psychology	Counselor Education/School Counseling and Guidance Services	131101
Doctoral	Ed.D.	Design of Learning Environments	Educational Psychology	422806
Doctoral	Ph.D.	Ecology & Evolution	Ecology	261301
Doctoral	Ph.D.	Economics	Econometrics and Quantitative Economics	450603
Doctoral	Ph.D.	Education	Education, General	130101
Doctoral	Ed.D.	Education/Culture & Society	Social and Philosophical Foundations of Education	130901
Doctoral	Ed.D.	Educational Leadership	Educational Leadership and Administration, General	130401
Doctoral	Ed.D.	Educational Statistics & Measurement	Educational Statistics and Research Methods	130603
Doctoral	Ph.D.	Electrical & Computer Engineering	Electrical and Electronics Engineering	141001
Doctoral	Ph.D.	Endocrinology and Animal Biosciences	Animal Sciences, General	010901
Doctoral	Ph.D.	Entomology	Entomology	260702
Doctoral	Ph.D.	Environmental Sciences	Environmental/Environmental Health Engineering	141401
Doctoral	Ph.D.	Environmental Sciences	Environmental Science	030104
Doctoral	Ph.D.	Food Science	Food Science	011001
Doctoral	Ph.D.	French	French Language and Literature	160901
Doctoral	Ph.D.	Geography	Geography	450701
Doctoral	Ph.D.	Geological Sciences	Geology/Earth Science, General	400601
Doctoral	Ph.D.	German	German Language and Literature	160501
Doctoral	Ph.D.	History	History, General	540101
Doctoral	Ph.D.	Industrial & Systems Engineering	Industrial Engineering	143501
Doctoral	Ph.D.	Industrial Relations & Human Resources	Labor and Industrial Relations	521002
Doctoral	Ph.D.	Interdisciplinary Program	Multi-/Interdisciplinary Studies, Other	309999
Doctoral	Ph.D.	Italian	Italian Language and Literature	160902
Doctoral	Ed.D.	Language Education	Foreign Language Teacher Education	131306
Doctoral	Ph.D.	Linguistics	Linguistics	160102

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Doctoral	Ed.D.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas, Other	131399
Doctoral	Ph.D.	Literatures In English	English Language and Literature, General	230101
Doctoral	Ph.D.	Materials Science & Engineering	Ceramic Sciences and Engineering	140601
Doctoral	Ph.D.	Mathematics	Mathematics, General	270101
Doctoral	Ed.D.	Mathematics Education	Mathematics Teacher Education	131311
Doctoral	Ph.D.	Mechanical & Aerospace Engineering	Mechanical Engineering	141901
Doctoral	Ph.D.	Mechanics	Mechanical Engineering	141901
Doctoral	Ph.D.	Medicinal Chemistry	Medicinal and Pharmaceutical Chemistry	512004
Doctoral	Ph.D.	Microbial Biology	Microbiology, General	260502
Doctoral	Ph.D.	Microbiology & Molecular Genetics	Molecular Genetics	260802
Doctoral	Ph.D.	Microbiology & Molecular Genetics	Molecular Genetics	260802
Doctoral	D.M.A.	Music	Music Performance, General	500903
Doctoral	Ph.D.	Music	Music, General	500901
Doctoral	Ph.D.	Neurosciences	Neurobiology and Anatomy	261503
Doctoral	Ph.D.	Nutritional Sciences	Nutrition Sciences	301901
Doctoral	Ph.D.	Oceanography	Oceanography, Chemical and Physical	400607
Doctoral	Ph.D.	Operations Research	Operations Research	143701
Doctoral	Ph.D.	Pharmaceutical Science	Medicinal and Pharmaceutical Chemistry	512004
Doctoral	Ph.D.	Philosophy	Philosophy	380101
Doctoral	Ph.D.	Physics & Astronomy	Physics, Other	400899
Doctoral	Ph.D.	Physiology & Integrative Biology	Physiology, General	260901
Doctoral	Ph.D.	Planning & Public Policy	City/Urban, Community and Regional Planning	040301
Doctoral	Ph.D.	Plant Biology	Botany/Plant Biology	260301
Doctoral	Ph.D.	Political Science	Political Science and Government, General	451001
Doctoral	Psy.D.	Professional Psychology	Psychology, General	420101
Doctoral	Ph.D.	Psychology	Research and Experimental Psychology, Other	422799
Doctoral	Dr.P.H.	Public Health	Public Health, General	512201
Doctoral	Ph.D.	Public Health	Public Health, General	512201

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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Doctoral	Ed.D.	Science Education	Science Teacher Education/General Science Teacher Education	131316
Doctoral	Ed.D.	Social Studies Education	Social Studies Teacher Education	131318
Doctoral	D.S.W.	Social Work	Social Work	440701
Doctoral	Ph.D.	Social Work	Social Work	440701
Doctoral	Ph.D.	Sociology	Sociology	451101
Doctoral	Ph.D.	Spanish	Spanish Language and Literature	160905
Doctoral	Ed.D.	Special Education	Special Education and Teaching, General	131001
Doctoral	Ph.D.	Statistics & Biostatistics	Statistics, General	270501
Doctoral	Ed.D.	Teacher Leadership	Elementary Education and Teaching	131202
Doctoral	Ph.D.	Toxicology	Toxicology	261004
Doctoral	Ph.D.	Toxicology	Toxicology	261004
Doctoral	Ed.D.	Vocational-Technical Education	Technical Teacher Education	131319
Doctoral	Ph.D.	Women's & Gender Studies	Women's Studies	050207
Post-Doctoral	Certif	Medical Physics	Health/Medical Physics	512205
Doct-Research	Ph.D.	Higher Education	Higher Education/Higher Education Administration	130406
Professional	M.S./Ph.D.	Kinesiology and Applied Physiology	Kinesiology and Exercise Science	310505
Professional	Pharm.D.	Pharmacy	Pharmacy	512001
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Bachelor's	B.S.	Accounting	Accounting	520301
Bachelor's	B.A.	African American and African Studies	African-American/Black Studies	050201
Bachelor's	B.S.	Allied Health Technologies	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	510999
Bachelor's	B.A.	American Studies	American/United States Studies/Civilization	050102
Bachelor's	B.A.	Ancient & Medieval Civilizations	Ancient Studies/Civilization	302201
Bachelor's	B.A.	Anthropology	Anthropology	450201
Bachelor's	B.A.	Applied Mathematics (W/ NJIT)	Applied Mathematics, General	270301

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Biology/Biological Sciences, General

Art/Art Studies, General

Physics, General

Applied Physics (W/ NJIT)

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LEVEL	DEGREE/ 4	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.S.	Biology	Biology/Biological Sciences, General	260101
Bachelor's	B.A.	Biology (W/ NJIT)	Biology/Biological Sciences, General	260101
Bachelor's	B.S.	Biology (W/ NJIT)	Biology/Biological Sciences, General	260101
Bachelor's	B.A.	Botany	Botany/Plant Biology	260301
Bachelor's	B.A.	Central & Eastern European Studies	Russian, Central European, East European and Eurasian Studies	050105
Bachelor's	B.A.	Chemistry	Chemistry, General	400501
Bachelor's	B.S.	Clinical Laboratory Sciences	Clinical Laboratory Science/Medical Technology/Technologist	511005
Bachelor's	B.A.	Computer Science (W/ NJIT)	Computer and Information Sciences, General	110101
Bachelor's	B.S.	Criminal Justice	Criminal Justice/Safety Studies	430104
Bachelor's	B.A.	Economics	Economics, General	450601
Bachelor's	B.A.	English	English Language and Literature, General	230101
Bachelor's	B.S.	Environmental Sciences (W/ NJIT)	Environmental Science	030104
Bachelor's	B.S.	Finance	Finance, General	520801
Bachelor's	B.A.	French	French Language and Literature	160901
Bachelor's	B.A.	Geology	Geology/Earth Science, General	400601
Bachelor's	B.S.	Geology	Geology/Earth Science, General	400601
Bachelor's	B.S.	Geoscience Engineering (W/ NJIT)	Geological/Geophysical Engineering	143901
Bachelor's	B.A.	German	German Language and Literature	160501
Bachelor's	B.A.	History	History, General	540101
Bachelor's	B.A.	History (W/ NJIT)	History, General	540101
Bachelor's	B.S.	Human Computer Interaction (W/ NJIT)	Information Science/Studies	110401
Bachelor's	B.A.	Information Systems (W/ NJIT)	Information Science/Studies	110401
Bachelor's	B.A.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
Bachelor's	B.S.	Interdisciplinary/Individual/Interdepartmental Major	Multi-/Interdisciplinary Studies, Other	309999
Bachelor's	B.A.	Italian	Italian Language and Literature	160902
Bachelor's	B.A.	Journalism	Journalism	090401
Bachelor's	B.S.	Management	Business Administration and Management, General	520201
Bachelor's	B.S.	Management Information Systems	Management Information Systems, General	521201

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Bachelor's	B.S.	Marketing	Marketing/Marketing Management, General	521401
Bachelor's	B.A.	Mathematics	Mathematics, General	270101
Bachelor's	B.S.	Medical Technology	Clinical Laboratory Science/Medical Technology/Technologist	511005
Bachelor's	B.A.	Music	Music, General	500901
Bachelor's	B.S.	Nursing	Registered Nursing/Registered Nurse	513801
Bachelor's	B.A.	Philosophy	Philosophy	380101
Bachelor's	B.A.	Physics	Physics, General	400801
Bachelor's	B.A.	Physics [Dual W/ NJIT B.S. In Industrial Engineering]	Physics, General	400801
Bachelor's	B.A.	Political Science	Political Science and Government, General	451001
Bachelor's	B.A.	Portuguese & Lusophone World Studies	Portuguese Language and Literature	160904
Bachelor's	B.A.	Psychology	Psychology, General	420101
Bachelor's	B.A.	Public and Nonprofit Administration	Public Administration and Social Service Professions, Other	449999
Bachelor's	B.A.	Puerto Rican Studies	Hispanic-American, Puerto Rican, and Mexican- American/Chicano Studies	050203
Bachelor's	B.A.	Science/Technology & Society (W/ NJIT)	Science, Technology and Society	301501
Bachelor's	B.A.	Social Work	Social Work	440701
Bachelor's	B.A.	Sociology	Sociology	451101
Bachelor's	B.A.	Spanish	Spanish Language and Literature	160905
Bachelor's	B.S.	Supply Chain Management	Logistics, Materials, and Supply Chain Management	520203
Bachelor's	B.A.	Theater	Drama and Dramatics/Theatre Arts, General	500501
Bachelor's	B.A.	Video Production	Cinematography and Film/Video Production	500602
Bachelor's	B.F.A.	Visual Arts	Art/Art Studies, General	500701
Bachelor's	B.A.	Women's Studies	Women's Studies	050207
Bachelor's	B.A.	Zoology	Zoology/Animal Biology	260701
Post-Baccalaureate	Grad.Cert.	Budgeting and Financial Management	Public Administration	440401
Post-Baccalaureate	Grad.Cert.	Healthcare Administration	Public Administration	440401
Post-Baccalaureate	Grad.Cert.	Leadership of Public Organizations	Public Administration	440401

	LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
	Post-Baccalaureate	Grad.Cert.	Nonprofit Management	Public Administration	440401
	Post-Baccalaureate	Grad.Cert.	Public and Nonprofit Performance Management	Public Administration	440401
	Post-Baccalaureate	Grad.Cert.	Science and Technology Management	Biological and Physical Sciences	300101
	Master's	M.Accy.	Accountancy	Accounting	520301
	Master's	M.A.	American Studies	American/United States Studies/Civilization	050102
	Master's	M.S.	Applied Physics (W/ NJIT)	Physics, General	400801
	Master's	M.S.	Behavioral & Neural Sciences	Neuroscience	261501
	Master's	M.S.	Biology	Biology/Biological Sciences, General	260101
	Master's	M.S.	Biology (W/ NJIT)	Biology/Biological Sciences, General	260101
	Master's	M.B.S.	Business and Science	Biological and Physical Sciences	300101
	Master's	M.S.	Business of Fashion	Apparel and Accessories Marketing Operations	521904
	Master's	M.S.	Chemistry	Chemistry, General	400501
	Master's	M.S.	Computational Biology (W/ NJIT)	Bioinformatics	261103
	Master's	M.F.A.	Creative Writing	Creative Writing	231302
	Master's	M.A.	Criminal Justice	Criminal Justice/Safety Studies	430104
	Master's	M.A.	Economics	Economics, General	450601
	Master's	M.A.	English	English Language and Literature, General	230101
	Master's	M.S.	Environmental Geology	Geology/Earth Science, General	400601
	Master's	M.S.	Environmental Science (W/ NJIT)	Environmental Science	030104
	Master's	M.S.	Global Affairs	International Relations and Affairs	450901
	Master's	M.A.	History	History, General	540101
	Master's	M.A.T.	History	History, General	540101
	Master's	M.A.	History (W/ NJIT)	History, General	540101
	Master's	M.A.T.	History (W/ NJIT)	History, General	540101
	Master's	M.I.T.	Information Technology	Information Technology	110103
	Master's	M.A.	Jazz History & Research	Jazz/Jazz Studies	500910
	Master's	M.A.L.S.	Liberal Studies	Liberal Arts and Sciences/Liberal Studies	240101
	Master's	M.B.A.	Management	Business Administration and Management, General	520201
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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.S.	Nursing	Nursing Science	513808
Master's	M.A.	Peace and Conflict Studies	Peace Studies and Conflict Resolution	300501
Master's	M.A.	Political Science	Political Science and Government, General	451001
Master's	M.B.A.	Professional Accounting	Accounting	520301
Master's	M.A.	Psychology	Psychology, General	420101
Master's	M.P.A.	Public Administration	Public Administration	440401
Master's	M.P.H.	Public Health (W/ NJIT)	Public Health, General	512201
Master's	M.Q.F.	Quantitative Finance	Management Sciences and Quantitative Methods, Other	521399
Master's	M.S.W.	Social Work	Social Work	440701
Master's	M.S.	Supply Chain Management	Logistics, Materials, and Supply Chain Management	520203
Master's	M.Accy.	Taxation	Accounting	520301
Doctoral	Ph.D.	American Studies	American/United States Studies/Civilization	050102
Doctoral	Ph.D.	Applied Physics (W/ NJIT)	Physics, General	400801
Doctoral	Ph.D.	Behavioral & Neural Sciences	Neuroscience	261501
Doctoral	Ph.D.	Biology	Biology/Biological Sciences, General	260101
Doctoral	Ph.D.	Biology (W/ NJIT)	Biology/Biological Sciences, General	260101
Doctoral	Ph.D.	Chemistry	Chemistry, General	400501
Doctoral	Ph.D.	Criminal Justice	Criminal Justice/Safety Studies	430104
Doctoral	Ph.D.	Environmental Science (W/ NJIT)	Environmental Science	030104
Doctoral	Ph.D.	Global Affairs	International Relations and Affairs	450901
Doctoral	Ph.D.	Management	Business Administration and Management, General	520201
Doctoral	Ph.D.	Mathematical Sciences (W/ NJIT)	Mathematics and Statistics, Other	279999
Doctoral	Ph.D.	Neurosciences	Neurobiology and Anatomy	261503
Doctoral	Ph.D.	Nursing	Nursing Science	513808
Doctoral	D.N.P.	Nursing Practice	Nursing Practice	513818
Doctoral	Ph.D.	Psychology	Psychology, General	420101
Doctoral	Ph.D.	Public Administration	Public Administration	440401
Doctoral	Ph.D.	Urban Systems (W/ NJIT)	Social Sciences, Other	459999
Professional	J.D.	Law	Law	220101

LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
		Rutgers, The State University of NJ	of NJ	
Pre-Associate	Certif	Dental Assisting	Dental Assisting/Assistant	510601
Pre-Associate	Certif	Dental Assisting (W/ Essex/Union/Brookdale/RVCC/TESC/Ocean/Sussex)	Dental Assisting/Assistant	510601
Pre-Associate	Certif	Dietary Management	Dietetic Technician	513103
Pre-Associate	Certif	Dietary Management (W/ Comm Colls)	Dietetic Technician	513103
Pre-Associate	Certif	Dietary Manager (W/RVCC)	Dietetic Technician	513103
Pre-Associate	Certif	Medical Coding	Health Unit Coordinator/Ward Clerk	510703
Associate	A.A.S.	Dental Hygiene (W/ 7 colleges)	Dental Hygiene/Hygienist	510602
Associate	A.S.	Occupational Therapy Assistant	Occupational Therapist Assistant	510803
Associate	A.S.	Occupational Therapy Assistant (W/ 8 Community Colleges and Thomas Edison)	Occupational Therapist Assistant	510803
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Burlington)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Camden)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Essex)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Middlesex)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Ocean)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Passaic & Raritan)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Sussex)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Union)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Psychosocial Rehabilitation/Treatment (W/ Warren & Cumberland)	Rehabilitation and Therapeutic Professions, Other	512399
Associate	A.S.	Respiratory Care (W/ Various Comm Colls)	Respiratory Care Therapy/Therapist	510908
Associate	A.A.S.	Respiratory Therapy (W /ACC/Cam/Glou/Burl/Sal/Cum/Ocean)	Respiratory Care Therapy/Therapist	510908
Post-Associate	Cert.	Cardiac Sonography	Cardiovascular Technology/Technologist	510901
Post-Associate	Certif	Dental Hygiene	Dental Hygiene/Hygienist	510602
Post-Associate	Certif	Diagnostic Medical Sonography	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	510910
Post-Associate	Certif	Nuclear Medicine Technology	Nuclear Medical Technology/Technologist	510905
Post-Associate	Certif	Respiratory Therapy	Respiratory Care Therapy/Therapist	510908
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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Post-Associate	Certif	Vascular Sonography	Health Professions and Related Clinical Sciences, Other	519999
Bachelor's	B.S.	Aerospace Engineering	Aerospace, Aeronautical and Astronautical/Space Engineering	140201
Bachelor's	B.S.	Allied Health Technologies	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	510999
Bachelor's	B.S.	Allied Health Technologies (W/ Fel/GCU/NJCU/Ram/RU-Nwk/Bloomfield/FDU)	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	510999
Bachelor's	B.S.	Clinical Laboratory Sciences (W/ Others)	Clinical/Medical Laboratory Science and Allied Professions, Other	511099
Bachelor's	B.S.	Clinical Laboratory Sciences (w/NJIT)	Clinical/Medical Laboratory Science and Allied Professions, Other	511099
Bachelor's	B.F.A.	Design	Design and Visual Communications, General	500401
Bachelor's	B.S.	Health Administration	Health Services Administration	512211
Bachelor's	B. S.	Health Information Management	Health Information/Medical Records Administration/Administrator	510706
Bachelor's	B.S.	Health Information Management (W/ 7 others)	Health Information/Medical Records Administration/Administrator	510706
Bachelor's	B.S.	Health Sciences	Health Services/Allied Health/Health Sciences, General	510000
Bachelor's	B.S.	Health Sciences (W/ TESC/NJCU)	Health Services/Allied Health/Health Sciences, General	510000
Bachelor's	B.S.	Medical Imaging Sciences	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	510999
Bachelor's	B.S.	Medical Imaging Sciences (W/ 8 Colleges)	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	510999
Bachelor's	B.S.N.	Nursing	Nursing Science	513808
Bachelor's	B.S.	Nutrition and Dietetics (w/ Thomas Edison State College)	Dietetics/Dietitian	513101
Bachelor's	B.S.	Psychiatric Rehabilitation & Psychology	Rehabilitation and Therapeutic Professions, Other	512399
Bachelor's	B.S.	Psychiatric Rehabilitation & Psychology (W/ Georgian Court)	Rehabilitation and Therapeutic Professions, Other	512399
Bachelor's	B.S.	Psychiatric Rehabilitation & Psychology (W/ Kean W/Felician)	Rehabilitation and Therapeutic Professions, Other	512399
Bachelor's	B.S.	Urban Planning and Design	City/Urban, Community and Regional Planning	040301
Post-Baccalaureate	Grad.Cert.	Biomedical Sciences	Biomedical Sciences, General	260102
Post-Baccalaureate	Grad.Cert.	Clinical Epidemiology	Epidemiology	261309

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Post-Baccalaureate	Grad.Cert.	Cytotechnology	Cytotechnology/Cytotechnologist	511002
Post-Baccalaureate	Grad.Cert.	Dietetic Internship	Dietetics and Clinical Nutrition Services, Other	513199
Post-Baccalaureate	Grad.Cert.	Environmental & Occupational Health	Environmental Health	512202
Post-Baccalaureate	Grad.Cert.	General Public Health	Public Health, General	512201
Post-Baccalaureate	Grad.Cert.	Global Public Health	International Public Health/International Health	512210
Post-Baccalaureate	Grad.Cert.	Health Care Informatics	Health Services/Allied Health/Health Sciences, General	510000
Post-Baccalaureate	Grad.Cert.	Health Information Management	Health Information/Medical Records Administration/Administrator	510706
Post-Baccalaureate	Grad.Cert.	Medical Laboratory Science	Clinical Laboratory Science/Medical Technology/Technologist	511005
Post-Baccalaureate	Grad.Cert.	Neuroscience	Neuroscience	261501
Post-Baccalaureate	Grad.Cert.	Pharmacological Sciences	Pharmacology	261001
Post-Baccalaureate	Grad.Cert.	Public Health Preparedness	Public Health, Other	512299
Post-Baccalaureate	Grad.Cert.	Public Policy & Oral Health Services Administration	Dental Public Health and Education	510504
Post-Baccalaureate	Grad.Cert.	Stem Cell Biology	Biological and Biomedical Sciences, Other	269999
Master's	M.S.	Anatomy	Anatomy	260403
Master's	M.S.	Biochemistry	Biochemistry and Molecular Biology	260210
Master's	M.S.	Biomedical Engineering	Bioengineering and Biomedical Engineering	140501
Master's	M.S.	Biomedical Informatics	Medical Informatics	512706
Master's	M.B.S.	Biomedical Sciences	Biomedical Sciences, General	260102
Master's	M.S.	Biomedical Sciences	Biomedical Sciences, General	260102
Master's	M.S.	Biostatistics	Biostatistics	261102
Master's	M.S.	Cell & Developmental Biology/Anatomy	Cell/Cellular and Molecular Biology	260406
Master's	M.S.	Cell and Molecular Biology	Cell/Cellular Biology and Anatomical Sciences, Other	260499

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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Master's	M.S.	Cellular & Molecular Pharmacology	Pharmacology	261001
Master's	M.S.	Clinical and Translational Science	Medical Scientist	511401
Master's	M.S.	Clinical Nutrition	Clinical Nutrition/Nutritionist	513102
Master's	M.S.	Clinical Trial Sciences	Pharmacy, Pharmaceutical Sciences, and Administration, Other	512099
Master's	Master	Dental Science	Dental Clinical Sciences, General	510501
Master's	M.S.	Dentistry	Dental Clinical Sciences, General	510501
Master's	M.S.	Global Sport Business	Sport and Fitness Administration/Management	310504
Master's	M.S.	Health Care Management	Hospital and Health Care Facilities Administration/Management	510702
Master's	M.S.	Health Care Management	Health/Health Care Administration/Management	510701
Master's	M.S.	Health Sciences	Health Services/Allied Health/Health Sciences, General	510000
Master's	M.S.	Microbiology & Molecular Genetics	Microbiological Sciences and Immunology, Other	260599
Master's	M.S.	Molecular Pathology & Immunology	Physiology, Pathology, and Related Sciences, Other	260999
Master's	M.S.	Neurosciences	Neuroscience	261501
Master's	M.S.N.	Nursing	Nursing Science	513808
Master's	M.S.N.	Nursing Informatics	Nursing Science	513808
Master's	M.S.	Oral Biology	Oral Biology and Oral and Maxillofacial Pathology	510503
Master's	M.S.	Pharmacology	Pharmacology	261001
Master's	M.P.T.	Physical Therapy	Physical Therapy/Therapist	512308
Master's	M.S.	Physician Assistant	Physician Assistant	510912
Master's	M.S.	Physiology	Physiology, General	260901
Master's	M.S.	Physiology & Integrative Biology	Physiology, Pathology, and Related Sciences, Other	260999
Master's	M.S.	Psychiatric Rehabilitation	Rehabilitation and Therapeutic Professions, Other	512399
Master's	M.P.H.	Public Health	Public Health, General	512201
Master's	M.S.	Radiologist Assistant	Medical Radiologic Technology/Science - Radiation Therapist	510907
Master's	M.S.	Rehabilitation Counseling	Rehabilitation and Therapeutic Professions, Other	512399
Master's	M.S.	Toxicology	Toxicology	261004
Post-Master's	Grad.Cert.	Advanced Practice Nursing - Acute Critical Care	Nursing Science	513808

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#### Rehabilitation and Therapeutic Professions, Other Bioengineering and Biomedical Engineering Bioengineering and Biomedical Engineering Biochemistry and Molecular Biology Cell/Cellular and Molecular Biology Nurse Midwife/Nursing Midwifery Biomedical Sciences, General Cell Biology and Anatomy Molecular Pharmacology **CIP GROUP TITLE** Medical Informatics Medical Scientist Nursing Science Nursing Science **Nursing Science** Nursing Science **Nursing Science** Nursing Science **Nursing Science Nursing Science Nursing Science** Anatomy Advanced Practice Nursing - Family Nurse Practitioner in Emergency Care Advanced Practice Nursing - Adult Psychiatric & Mental Health Advanced Practice Nursing - Oncology/Palliative Care **DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE** Women's Health Advanced Practice Nursing Advanced Practice Nursing - Family Health Advanced Practice Nursing - Adult Health Advanced Practice Nursing - Gerontology Cell & Developmental Biology/Anatomy Cellular & Molecular Pharmacology Biomedical Engineering (W/ NJIT) Clinical and Translational Science Clinical Trials Research Nurse Professional Counseling Biomedical Engineering Siomedical Informatics **Siomedical Sciences** Anatomy Instruction Nursing Informatics **Nurse Midwifery Biochemistry** Anatomy Grad.Cert. Ph.D. Ph.D. Ph.D. Ph.D.

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LEVEL	DEGREE/ A	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Doctoral	D.C.L.S.	Clinical Laboratory Science	Clinical/Medical Laboratory Science and Allied Professions, Other	511099
Doctoral	D.C.N.	Clinical Nutrition	Clinical Nutrition/Nutritionist	513102
Doctoral	Ph.D.	Environmental Sciences	Environmental Science	030104
Doctoral	Ph.D.	Health Sciences	Health Services/Allied Health/Health Sciences, General	510000
Doctoral	Ph.D.	Microbiology & Molecular Genetics	Microbiological Sciences and Immunology, Other	260599
Doctoral	Ph.D.	Molecular Pathology & Immunology	Physiology, Pathology, and Related Sciences, Other	260999
Doctoral	Ph.D.	Neurosciences	Neurobiology and Anatomy	261503
Doctoral	Ph.D.	Neurosciences	Neuroscience	261501
Doctoral	D.N.P.	Nursing Practice	Nursing Science	513808
Doctoral	Ph.D.	Oral Biology	Oral Biology and Oral and Maxillofacial Pathology	510503
Doctoral	Ph.D.	Pharmacology	Pharmacology	261001
Doctoral	D.P.T.	Physical Therapy	Physical Therapy/Therapist	512308
Doctoral	Ph.D.	Physiology	Physiology, General	260901
Doctoral	Ph.D.	Physiology & Integrative Biology	Physiology, Pathology, and Related Sciences, Other	260999
Doctoral	Ph.D.	Psychiatric Rehabilitation	Rehabilitation and Therapeutic Professions, Other	512399
Doctoral	Dr.P.H.	Public Health	Public Health, General	512201
Doctoral	Ph.D.	Public Health	Public Health, General	512201
Doctoral	Ph.D.	Toxicology	Toxicology	261004
Doctoral	Ph.D.	Urban Systems (W/ NJIT)	Social Sciences, Other	459999
Professional	D.M.D.	Dentistry	Dentistry	510401
Professional	M.D.	Medicine	Medicine	511201
Prof. Post-Doc.	Grad.Cert.	Endodontics	Endodontics/Endodontology	510506
Prof. Post-Doc.	Grad.Cert.	General Dentistry Residency	Dental Residency Program, Other	600199
Prof. Post-Doc.	Grad.Cert.	Oral & Maxillofacial Surgery	Oral and Maxillofacial Surgery Residency Program	600101
Prof. Post-Doc.	Grad.Cert.	Oral Medicine	Advanced General Dentistry	510502
Prof. Post-Doc.	Grad.Cert.	Orthodontics	Orthodontics/Orthodontology	510508

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LEVEL	DEGREE/	DEGREE/ AWARD INSTITUTIONAL PROGRAM TITLE	CIP GROUP TITLE	CODE
Prof. Post-Doc.	Grad.Cert.	Grad.Cert. Pediatric Dentistry	Pediatric Dentistry/Pedodontics	510509
Prof. Post-Doc.	Grad.Cert.	Grad.Cert. Periodontics	Periodontics/Periodontology	510510
Prof. Post-Doc.	Grad.Cert.	Grad.Cert. Prosthodontics	Prosthodontics/Prosthodontology	510511

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# Rutgers, The State University of New Jersey Institutional Profile Report

Section H

Major Research and Public Service Activities

# MAJOR RESEARCH AND PUBLIC SERVICE ACTIVITIES

**R&D EXPENDITURES: FISCAL YEAR 2015\*** 

Amount (\$)

	Amount (φ)
Federally Financed Academic R&D Expenditures	338,501,000
State and Local Financed Academic R&D Expenditures	84,412,000
Institutionally Financed Academic R&D Expenditures	155,356,000
Externally Financed Academic R&D Expenditures	79,854,000
Total Academic R&D Expenditures	658,123,000

<sup>\*</sup>Final FY2015 numbers for Rutgers, all campuses.

Source: Higher Education Research and Development Survey FY2015.

# Centers, Bureaus and Institutes

Please note that this is a listing of public sites for research centers on the Camden, Newark and New Brunswick/Piscataway campuses. It does not include departmental web sites or individual staff, faculty, or student web pages.

#### Α

- Abbott Leadership Institute
- Adult Clinical Research Center
- Advanced Biotechnology and Medicine (CABM), Center for
- Advanced Energy Systems, Center for
- Advanced Food Technology, Center for
- Advanced Infrastructure and Transportation, Center for
- Advanced Materials via Immiscible Polymer Processing, Center for
- African Studies, Center for
- Agricultural Experiment Station, New Jersey
- AIDS Policy Research Group
- Air Pollution Training Program
- Alcohol Studies, Center of
- Alexandria Project Laboratory
- American Women and Politics, Center for
- Anti-Corruption Studies, Rutgers Institute on
- Applied Psychology, Center for
- Aresty Research Center for Undergraduates
- Asian American Cultural Center

#### В

- BioMaPS (Biological, Mathematical, and Physical Sciences Interfaces) Institute for Quantitative Biology
- Biomaterials, New Jersey Center for
- Biophysical Pathology, Center for
- Blueberry and Cranberry Research and Extension, Phillip E. Marucci Center for
- Boggs Center on Developmental Disabilities, The
- Brain Health Institute
- Brodsky Center for Innovative Editions
- Business District Management, Institute of

#### C

- Camões Institute Center for Portuguese Language
- Cancer Institute of New Jersey, The
- Cancer Prevention Research, Center for
- Cardiovascular Institute
- Cardiovascular Research Institute
- Catalyst Manufacturing Science and Engineering Center
- Cell and DNA Repository, Rutgers University
- Center for the Arts, Rutgers-Camden
- Ceramic, Composite and Optical Materials Center
- Child Development, Institute for the Study of
- Child Health Institute of New Jersey
- Civic and Law-Related Education, NJ Center for
- Civic Engagement, Ralph W. Voorhees Center for
- Clifford E. and Melda C. Snyder Research & Extension Farm Rutgers Center for Sustainable Agriculture
- Cloud and Autonomic Computing at Rutgers, Center for
- Collaborative Neuroscience, W.M. Keck Center for
- Command, Control, and Interoperability Center for Advanced Data Analysis
- Community Development Institute
- Community Health Partnerships, Center for
- Community Leadership, Center for

- Complementary and Alternative Medicine, Insitute for
- Comprehensive Stroke Center
- Computational and Integrative Biology, Center for
- Computational Biomedicine Imaging and Modeling, Center for
- Computer Science Research, Laboratory for
- Confucius Institute at Rutgers University
- Continuing and Outreach Education, Center for
- Continuing Professional Development, Center for
- Controlled Environment Agriculture, Center for
- Crime Prevention Service
- Cultural Analysis, Center for
- Culture and Politics of Democracy, Walt Whitman Center for the

#### D

- Deep-Sea Ecology and Biotechnology, Center for
- Dermal Research, Center for
- Developmental Disabilities, Douglass Center for
- Discrete Mathematics and Theoretical Computer Science, Center for
- Distributed Laboratory for Digital Libraries, Rutgers
- Douglass Project for Rutgers Women in Math, Science, and Engineering
- Dynamic Data Analytics, Center for

#### Ε

- E-Governance Institute
- Eagleton Center for Public Interest Polling
- Eagleton Institute of Politics
- Early Education Research, National Institute for
- Earth, Ocean, and Atmospheric Sciences, Institute of
- Eastern Regional Radon Training Center
- Economics and Children, Center for
- Edison Papers, Thomas A.
- Education and Research on Therapeutics, Center for
- Education Law and Policy, Institute for
- Effective Education, Institute for
- Effective School Practices, Center for
- Electroceramics Research Group, The
- Elimination of Health Disparities, Institute for the
- Elizabeth Cady Stanton and Susan B. Anthony Papers Project
- Emergent Materials, Rutgers Center for
- Emerging Threats in the 21st Century, Rutgers Center for
- Energy, Economic & Environmental Policy, Center for
- Environmental and Occupational Health Sciences Institute
- Environmental Prediction, Center for
- Equine Science Center
- Ethical Leadership, Institute for
- Ethnicity, Culture, and the Modern Experience, Institute for
- European Studies, Center for
- Excellence for Radioactive Ion Beam Studies for Stewardship Science, Center of
- Executive Leadership in Government, Center for
- Exercise and Aging, Center for

#### F

- Families. Institute for
- Family Business Institute
- Family Involvement in Schools, Center for
- Fiber Optic Materials Research Program
- Film Co-op/New Jersey Media Arts Center, Rutgers
- Financial Institutions Center, Rutgers
- Food Innovation Center

- Food, Nutrition, and Health, New Jersey Institute for
- Forest Center, Hutcheson Memorial
- Francois Xavier Bagnoud Center
- Fruit & Ornamental Research Extension Center, Rutgers

#### G

- Gambling Studies, Center for
- Genocide and Human Rights, Center for the Study of
- Geological Survey Core Repository, Rutgers/New Jersey
- Geology Museum
- Global Advancement and International Affairs, Centers for
- Global Education, Center for
- Global Institute for BioExploration, The
- Global Services, Center for
- Global Tuberculosis Center, NJMS
- Government Compliance and Ethics, Center for
- Government Services, Center for
- Governmental Accounting Education and Research, Center for
- Green Building, Rutgers Center for

#### н

- Haskin Shellfish Research Laboratory
- Health Beliefs and Behavior, Center for the Study of
- Health Services Research on Pharmacotherapy, Chronic Disease Management, and Outcomes, Center for
- Health, Health Care Policy and Aging Research, Institute for
- Healthcare Quality, Center for
- Heldrich Center for Workforce Development, John J.
- Historical Analysis, Rutgers Center for
- HIV Prevention Community Planning Support and Development Initiative (EJBSPPP)
- Holocaust Resource Center, Herbert and Leonard Littman Families
- Huamin Research Center
- Human Development and Aging, Center of
- Human Evolutionary Studies (CHES), Center for
- Human Genetics Institute of NJ
- Humanities, Mid-Atlantic Research Center for the (MARCH)
- Hungarian Studies, Institute of

#### ı

- Immunity and Inflammation, Center for
- Improving Student Achievement, Rutgers University Institute for
- Ina and Howard Drew Imaging Center
- Industrial Assessment Center
- Infectious and Inflammatory Diseases (i3D), Institute for
- Information Management, Integration, and Connectivity, Center for
- Information Policy & Law, Institute for
- Innovative Ventures of Emerging Technologies, Center for
- Institutional Governance, Center for
- Integrative Proteomics Research, Center for
- Interdisciplinary Studies in Information Policy and Security
- Interfacial Molecular Science Laboratory
- International Institute for Peace
- International Pharmaceutical Economics and Policy, Center for
- International Social Work, Center for

#### .

- Jazz Studies, Institute of
- Jewish Life, Allen and Joan Bildner Center for the Study of
- Journalism Resources Institute

#### Κ

Knowledge Institute, The

#### L

- Latin American Studies, Center for
- Latino Arts and Culture, Center for
- Law and Philosophy, Institute for
- Law in Metropolitan Equity, Center on
- Learning, Robert B. Davis Institute for
- Lipid Research, Rutgers Center for
- Local Democracy Partnership Program

#### М

- Management and Executive Development, Institute for
- Management Development, Center for
- Margery Somers Foster Center
- Marine and Coastal Sciences, Institute of
- Marine Biotechnology, Center for
- Materials Theory, Center for
- Math and Science Learning Center
- Mathematical Sciences Research, Center for
- Mathematics, Science and Computer Education, Center for
- Meadowlands Studies, Institute for
- Media Studies, Center for
- MetroMath
- Metropolitan Studies, Joseph C. Cornwall Center for
- Micro Electronics Research Laboratory
- Middle Eastern Studies, Center for
- Minor Crop Pest Management-Technology Center for IR-4 Headquarters
- Molecular and Behavioral Neuroscience, Center for
- Multiple Sclerosis Treatment and Diagnostic Center at UMDNJ-NJMS

#### N

- Nanomaterials Laboratory
- Nanotechnology, Institute for Advanced Materials, Devices and
- National Transit Institute
- Negotiation and Conflict Resolution, Center for
- Neighborhood and Brownfields Redevelopment, National Center for
- Neurodegenerative and Neuroimmunologic Diseases, Center for
- Neurological Institute of New Jersey, The
- New Jersey Collaborating Center for Nursing
- New Jersey Mathematics Coalition
- New Jersey Medical School-University Hospital Cancer Center
- New Jersey Public Policy Research Institute
- NJMS Institute of Genomic Medicine
- NJMS Sarcoidosis Center
- Noise Technical Assistance Center, Rutgers
- Nonlinear Analysis, Center for
- Nonprofit Management and Governance, Center for
- Northeast Institute for Evidence Synthesis and Translation
- Northeast Structural Genomics Consortium
- Nucleic Acid Database Project

#### 0

- Office of Advanced Research Computing (OARC)
- Online & Hybrid Learning and Instructional Technology Team, Center for
- Oral History Archives of World War II
- Oral Infectious Diseases, Center for
- Organizational Development and Leadership, Center for

- Osher Lifelong Learning Institute
- Ozone Research Center

#### P

- Paul Robeson Cultural Center
- Pediatric Clinical Research Center
- Pharmaceutical Management Studies, Blanche & Irwin Lerner Center for
- Pharmacogenomics & Complex Disease Research, Center for
- Philosophy and the Sciences, Rutgers University Center for
- Police Institute
- Policy Research and Public Service, Forum for
- Professional Development, Rutgers College of Nursing Center for
- Protein Data Bank
- Public Health Preparedness, Center for
- Public Health Research Institute
- Public Performance, National Center for
- Public Security, Rutgers Center on

#### R

- R/ECON Forecasting Service
- Race & Ethnicity, Center for
- Remote Sensing and Spatial Analysis, Grant F. Walton Center for
- Research Collaboratory for Structural Bioinformatics
- Research in Financial Services, Whitcomb Center for
- Research in Regulated Industries, Center for
- Research on Women, Institute for
- Roy V. Lourenco Center for Emerging and Re-Emerging Pathogens
- Rutgers Accounting Research Center/ Continuous Auditing and Reporting Lab
- Rutgers Agricultural Research & Extension Center
- Rutgers Arts Center
- Rutgers British Studies Center
- Rutgers Catalyst Research Center
- Rutgers Center for Adult Autism Services
- Rutgers Center for Cognitive Science
- Rutgers Clinical Research Organization, The
- Rutgers Cooperative Extension
- Rutgers Discovery Informatics Institute (RDI2)
- Rutgers EcoComplex Rutgers Environmental Research & Extension
- Rutgers Energy Institute
- Rutgers Institute for Science and Technology Leadership in Africa
- Rutgers Institute forTranslational Medicine and Science
- Rutgers Plant Science Research & Extension Farm
- Rutgers Regional Report / State Data Center
- Rutgers University Brain Imaging Center
- Rutgers/LEAP Health Center

#### S

- School and Community-Based Research and Education, Center for
- Skull Base and Pituitary Surgery, Center for
- Small Business Development Center Rutgers-Camden, New Jersey
- Small Business Development Center Rutgers-Newark, New Jersey
- Smoking Cessation Laboratory, Rutgers
- Social and Character Development at Rutgers, Center for
- Spinal Cord Injury Project
- Spine Center of New Jersey
- State Constitutional Studies, Center for
- State Health Policy, Center for
- Statistical Consulting, Office of
- Stem Cell Institute of New Jersey

- Stem Cell Research Center
- Strategic Human Resource Leadership Council
- Structured Organic Particulate Systems, Engineering Research Center for
- Supply Chain Management, Center for
- Surface Modification, Laboratory for
- Survey Research, Bloustein Center for
- Sustainable Materials, Center for
- Systems and Control, Rutgers Center for

#### Т

- Teaching Advancement and Assessment Research, Center for
- Technology Campus, Inc., Rutgers-Camden
- Technology Management Research Center
- Thai Fogarty ITREOH (Int'l Training & Research in Environmental and Occupational Health) Center
- The Autism Center
- Tobacco Studies, Center for
- Transportation Center, Alan M. Voorhees
- Transportation Safety, Security and Risk, Center for
- Turfgrass Science, Rutgers Center for

#### U

- University Hospital Craniofacial Center of NJ
- Urban Entrepreneurship & Economic Development, The Center for
- Urban Environmental Sustainability, Center for
- Urban Policy Research Press, Center for
- Urban Policy Research, Center for
- Urban Research and Education, Center for
- Urban Restoration Ecology, Center for

#### ٧

- Vector Biology, Center for
- Violence Against Women and Children, Center on
- Vision Research, Laboratory of
- Visualization Lab

#### W

- Waksman Institute of Microbiology
- Walter Rand Institute for Public Affairs, The Senator
- Water Resources Research Institute, New Jersey
- Weather Center, Rutgers
- Wildlife Damage Control Center
- Wireless Information Network Laboratory (WINLAB)
- Women and Work, Center for
- Women in Science, Engineering and Mathematics, Office for the Promotion of
- Women in the Arts and Humanities, Center for
- Women's Global Leadership, Center for
- Women's Leadership, Institute for
- Workforce Development, John J. Heldrich Center for
- World Languages Institute, Rutgers University

#### Υ

- Youth Center for Outdoor Education, Lindley G. Cook 4-H
- Youth Education and Employment Success Center
- Youth Sports Research Council
- Youth Violence and Juvenile Justice, Center on

Source: http://centers.rutgers.edu/

# RUTGERS UNIVERSITY-CAMDEN

# Centers & Institutes



The best ideas arise from collaboration, and Rutgers-Camden is an incubator for new knowledge. Our centers and institutes support the collaborative work of faculty, students, and visiting scholars as they generate new knowledge that inspires and redefines their fields. These centers also provide exceptional responses to the challenges facing citizens in New Jersey and around the globe.

# The Arts

Rutgers—Camden delivers opportunities for learning and personal enrichment by providing performances, exhibitions, educational programs, and community projects that inspire an appreciation of the arts.

# **RUTGERS-CAMDEN CENTER FOR THE ARTS**

The Center for the Arts produces and presents year-round programs in visual arts, performing arts, and arts education to advance the role of the arts in pre–K through 12th-grade education.

# The Humanities and Social Sciences

Rutgers—Camden takes the lead in numerous initiatives focused research and service in childhood studies and public history, developing new models for advanced work in both fields.

# MID-ATLANTIC REGIONAL CENTER FOR THE HUMANITIES (MARCH)

MARCH supports humanities research, programming, training, and communication throughout New Jersey, Pennsylvania, New York, Delaware, Maryland, and the District of Colombia.

# INSTITUTE FOR EFFECTIVE EDUCATION

The Institute for Effective Education advances research on the strategies and programs that promote best practices in education.

# Public Policy and Law

Critical matters of policy and law impacting lives in New Jersey and around the world are addressed by Rutgers—Camden through these academic centers.

# **CENTER FOR STATE CONSTITUTION**AL STUDIES

An interdisciplinary institute dedicated to promoting public understanding of American state constitutions and of sub-national constitutions in other federal systems.

# CENTER FOR URBAN RESEARCH AND EDUCATION

Promotes national research on urban issues while training the next generation of urban scholars.

# **COMMUNITY LEADERSHIP CENTER**

A grant-funded service and research center, helps revitalize urban communities through education, leadership, and community development.

# RUTGERS INSTITUTE FOR INFORMATION POLICY AND LAW

Studies the legal, economic, and cultural implications of information production, distribution, consumption, and regulation.

# INSTITUTE FOR LAW AND PHILOSOPHY

Works to advance knowledge and understanding of philosophically significant legal topics, both in normative legal theory and in analytical jurisprudence.

# SENATOR WALTER RAND INSTITUTE FOR PUBLIC AFFAIRS

Engages public, government, non-profit, and community stakeholders in addressing regional challenges.

# CENTER FOR GOVERNMENT COMPLIANCE AND ETHICS

Seeks to advance the application of effective ethics and compliance program principles as an element of public governance at the federal, state, and local levels in the United States and worldwide through a variety of activities including research, education, networking, and thought leadership.

# Science

The next generation of innovation in the biosciences and other disciplines is being created at Rutgers–Camden by a talented team of faculty specializing in biology, chemistry, physics, mathematics, and computer science.

# **CENTER FOR COMPUTATIONAL AND INTEGRATIVE BIOLOGY**

Emphasizes the development of mathematical models for biological systems and the application of the models to data from laboratory and field investigations.

# RUTGERS UNIVERSITY – NEWARK CENTERS AND INSTITUTES



The premiere urban research university

At Rutgers University-Newark, we have a variety of centers and institutes, as well as academic departments, that help create new knowledge in a broad range of academic disciplines, provide top-quality education to our students, and share academic and intellectual resources with the citizens of New Jersey and beyond.

Research at RU-N is conducted within **academic departments** and at research centers and institutes listed below:

# **Business**

Research centers are an integral part of Rutgers Business School, furthering scholarship and advancement in specialized areas of business. Read more.

# Research News

The latest selection of research news from Rutgers University-Newark. Read more.

# Law, Criminal Justice & Public Affairs

Scholars are seeking knowledge to better society, structures and policies. Read more.

# Science, Technology & Health

From Information technology to Parkinson's disease, RU-N researchers are seeking answers. Read more.

# Arts & Humanities

Research as diverse as it is vital to RU-N's missions of service, teaching and creating knowledge. Read more.

# Inside the Brain

Scientists at Rutgers conduct path-breaking research in every area of neuroscience research discovery. Read more.

# Women of Science

At RU-N, significant contributions to scientific knowledge in all disciplines are being made through the research of eminent female scholars. Read more.

# Support for Research

Libraries, funding and other resources. Read more.

# Undergraduate Research

At a great research university, you learn from great professors who are pushing and prodding the boundaries of human knowledge every day. Read more.

# Research Centers and Institutes

Research centers are an integral part of Rutgers Business School and our programs, furthering scholarship and advancement in specialized areas of business. Created with industry partners and guided by Advisory Board members representing leading corporations, these centers provide students with exceptional access to top executives. These centers also provide students with scholarship opportunities, fellowships, and opportunities to deeply examine current business issues.

Blanche and Irwin Lerner Center for the Study of Pharmaceutical Management Issues

**Center for Governmental Accounting Education & Research** 

**Center for Information Management, Integration and Connectivity** 

**Center for Real Estate Studies** 

**Center for Research in Regulated Industries** 

**Center for Supply Chain Management** 

**Institute for Ethical Leadership** 

Rutgers Accounting Research Center/Continuous Auditing & Reporting Lab

**Rutgers Center for Operations Research** 

**Rutgers Financial Institutions Center** 

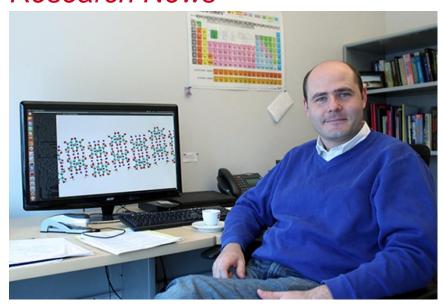
**Technology Management Research Center** 

The Center for Urban Entrepreneurship & Economic Development

**Whitcomb Center for Research in Financial Services** 

Visit the <u>Rutgers Business School website</u> for the most up-to-date list of all RBS institutes and research centers.

# Research News



# **RU-N Chemist Wins Prestigious NSF Early CAREER Award**

Another rising star from the ranks of Rutgers University–Newark scientists has taken home the prestigious Early CAREER Award from the National Science Foundation.

**JUNE 26, 2017** 



# Juvenile Justice Conference Attracts Statewide Audience to RU-N

In 2013, Paul Boxer applied for an Excellence in Violence Prevention grant from the U.S. Centers for Disease Control.

**JUNE 23, 2017** 



CMBN Professor Awarded \$1.5 Million Grant to Study Promising Brain Therapy

Non-invasive Transcranial Current Stimulation therapy is catching on, but more study is needed. **JUNE 19, 2017** 



James Jones Posits Congress as America's Last Plantation

As an undergraduate at George Washington University, Assistant Professor James Jones interned with two members of congress on Capitol Hill, back in 2006 and 2009.

**APRIL 21, 2017** 



RU-N Professors Awarded \$750K NSF Grant to Study How Kids Learn

NSF Science of Learning Collaboratives grant involves six researchers spanning three disciplines at five universities.

**APRIL 8, 2017** 

# Law, Criminal Justice & Public Affairs



**Centers and Institutes** 

Center for Justice and Mental Health Research examines individuals within correctional populations who are in need of medical, psychiatric and substance-abuse treatment with the goal of identifying critical needs and points of intervention, and to test treatment effectiveness of service.

Center for Applied Appreciative Inquiry works to apply the principles and practices of Appreciative Inquiry (AI) in fostering collaborative and creative discourse in addressing public policy issues that confront society and in assisting governmental and nonprofit organizations in delivering higher quality services in ways that are new, different, and better.

Rutgers Center for Conservation Criminology at the School of Criminal Justice, is pioneering a new approach to preventing wildlife crimes – Environmental Criminology – that charts the whole process from initial capture or killing of the animals through export and sale in destination countries. Center on Public Security studies the causes of terrorism, ways to fight it, and how to cope with its consequences. The center also initiates ongoing training and outreach programs in collaboration with academic, professional, corporate and government agencies.

<u>Center for Technology Leadership</u> provides a special focus on the growing need for higher levels of technology leadership development from public managers at every level of government, both domestic and international.

Clinics – visit the **School of Law—Newark website** for a complete list of the law school's clinics.

<u>Crime Prevention Service for Business</u> works with small businesses in Newark and the rest of northern New Jersey to find workable crime prevention measures that are simple, practical and inexpensive.

<u>Division of Global Affairs</u> studies the causes and consequences of the globalization of worldwide communications, economic activity and culture, through graduate studies, research, and broader outreach such as seminars and workshops.

**E-Governance Institute** explores how the internet and other information and communication technologies have and will continue to impact productivity and performance on the public sector and how e-governance fosters new and deeper citizen involvement within the governing process.

<u>Institute of Business District Management</u> provides timely and current research on the purpose, process, and performance of special municipal districts with a concentration on business improvement districts, and public-private partnership administration.

<u>Institute on Education Law and Policy</u> is New Jersey's premier center for interdisciplinary research and innovative thinking on education policy.

<u>Institute on Transparency and Governance</u> in the School of Public Affairs and Administration (SPAA) focuses on programming, research, and projects related to public sector transparency and governance.

<u>National Center for Public Performance</u> is a research and public service organization devoted to improving productivity in the public sector.

NJ-STEP The New Jersey Scholarship and Transformative Education in Prisons Consortium (NJ-STEP) is an association of higher education institutions in New Jersey that works in partnership with the New Jersey Department of Corrections and State Parole Board, to (a) provide higher education courses for all students under the custody of the State of New Jersey while they are incarcerated, and (b) assist in the transition to college life upon their release into the community.

<u>Police Institute</u> integrates research, teaching, and criminal justice practice through educational and outreach activities within the university, within New Jersey, and within society.

<u>Public Performance Measurement and Reporting Network</u> a web-based community that connects citizens, government officials, public and nonprofit managers, and academics who are dedicated to measuring, reporting, and improving public sector and nonprofit performance.

<u>Rutgers Institute on Anti-Corruption Studies</u> Conducts research on private and public corruption and devise ways to reduce it.

# Science, Technology & Health



# **Academic Departments**

Top-level researchers in RU-N academic departments not only undertake ground-breaking studies, but also offer many valuable opportunities for both undergraduate and graduate students to participate first-hand in exciting discoveries. Go to our <u>Areas of Study/Departments</u> to learn more about our studies in anthropology, biology, chemistry, environmental geology and science, geoscience engineering, neuroscience, nursing, physics, psychology, technology and management, and zoology.

<u>Center for Information Management, Integration and Connectivity</u> explores technology, science and business disciplines to develop new knowledge with practical applications for information technology, the environmental sciences, business and management, public policy, the law and health.

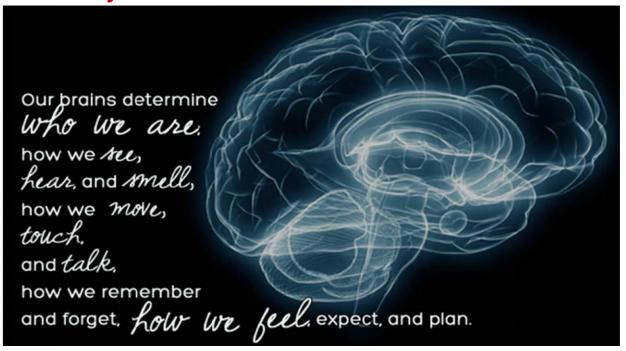
<u>Center for Molecular and Behavioral Neuroscience</u> is internationally renowned for neuroscience research, much of it leading to advances in areas such as learning disabilities, schizophrenia, Parkinson's disease, and treatment of memory disorders.

Rutgers Institute for Data Science, Learning, and Applications (I-DSLA) The Institute's research mission is to enhance research in the affiliated departments, foster interdisciplinary, data-intensive research collaborations, and be a Rutgers-wide resource for collaborative projects and consortia related to Data Science, Learning, and Applications.

New Jersey Collaborating Center for Nursing is a future-oriented research and development organization that develops and disseminates objective information and provides an ongoing strategy for the allocation of state resources directed towards the nursing work force.

<u>Rutgers University Brain Imaging Center</u> houses a state of the art Siemens Trio 3T MRI scanner that provides detailed pictures of specific areas of brain activity and is used by faculty throughout Rutgers and other institutions for the study of neuroscience and psychology.

Scientists at Rutgers conduct path-breaking research in every area of neuroscience research discovery



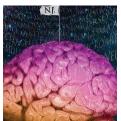
# **April Benasich**



Correcting Language Difficulties Before Baby Speaks. 5-10% of children beginning school are estimated to have language-learning impairments, leading to reading, speaking and comprehension problems.

MORE

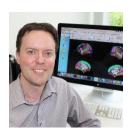
# **New Jersey's Biggest Brains**



The *Star-Ledger* proclaims the Rutgers-Newark Center for Molecular and Behavioral Neuroscience is one of the state's 12 "brainiest" places.

READ THE FULL STORY

# **Michael Cole**



Exploring what may be the true final frontier. The architecture of the human brain. **MORE** 

### **Ian Creese**



During the course of his research career lan Creese has shed new light on the effect of antipsychotic drugs on the inner workings of the brain, specifically looking at such disorders as schizophrenia and Parkinson's.

# **MORE**

# **Mauricio Delgado**



Making Better Decisions. Professor Mauricio Delgado is uncovering how the interaction of emotion and cognition in the human brain affects learning and decision-making.

MORE

# Wilma Friedman



Exploring Factors in Brain Cell Survival and Death:Research could lead to control for damage from seizures and neurodegenerative diseases.

MORE

# **Mark Gluck**



The Doorway to Memory and Learning How do we learn? How is memory formed? And how is it affected by neurological disorders such as Alzheimer's and Parkinson's?

MORE

# **Haesun Kim**



Defense for Nervous System Key to Healthy Function. Understanding myelin may offer therapeutic benefits.

MORE

# Barry Komisaruk



*Unlocking the Mysteries of Orgasm.* Komisaruk, who now studies brain activity during sexual response and orgasm, was pursuing other research when an "incidental finding" revealed that vaginal stimulation blocked pain in laboratory rats.

**MORE** 

# **Bart Krekelberg**



What the Eyes See. It's not always what we perceive, but also what we ignore that allows us to function. In the process of seeing our brain makes a very selective choice about what it reports back to awareness. **MORE** 

# **Patrice Maurel**



Investigating molecules that regulate vital nerve process. Fundamental research may help guide approches to treatment.

**MORE** 

# Joan Morrell



*Uncovering the Neural Circuitry behind Motivation.* At the point before we do something, whether that be caring for our children, exercising, or abusing drugs or alcohol, there is the motivation to do so. But what guides that motivation?

**MORE** 

### **Denis Paré**



*Identifying the Cells that Can Break the Fear Cycle.* Fear motivates us to avoid danger, but if prolonged can also lead to anxiety disorders and destructive avoidance behaviors.

**MORE** 

# **Pierre-Olivier Polack**



Seeking to unravel epilepsy's many mysteries. Polack's lab is one of just a handful of facilities in the world equipped to investigate epilepsy and other brain phenomena with unprecedented precision.

MORE

# **Paula Tallal**



Correcting Language Problems Through Neuroplasticity. Similar to a traveler who unknowingly sets out on the wrong route and needs to be redirected, the brain's plasticity can correct language learning problems. **MORE** 

# **James Tepper**



Brain Signaling Patterns: What Goes Wrong in Parkinson's and Other Disorders? In the world of the brain, the basal ganglia are the teachers who hand out the rewards and punishment that allow us to learn from consequences.

# **MORE**

# **Elizabeth Tricomi**



Shaping Brain Response to Motivate Positive Learning. Reward areas in the brain help individuals achieve goals.

**MORE** 

# **Laszlo Zaborszky**



Identifying the neural circuitry to slow down the progression of Alzheimer's. Research focuses on providing for early diagnosis to ameliorate memory loss and attention deficit.

MORE

# Women of Science



As a major research university in New Jersey, Rutgers University-Newark has made significant contributions to scientific knowledge in all disciplines. Much of that knowledge has been created through the research of eminent female scholars such as neuroscientist Joan Morrell (above). Many of the early female scientists had to overcome **discrimination and stereotypes** along the way, paving the way for today's women in science at Rutgers University-Newark.

# **Neuroscience and Psychology**



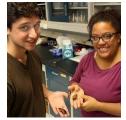
Making discoveries in the functions of the brain and unraveling behaviors. **READ MORE** 

# **Earth and Environmental Sciences**



Unearthing what lies beneath our feet and in our oceans and rivers.

READ MORE
Chemistry, Biology and Physics, Math and Computer Science



Unearthing what lies beneath our feet and in oceans and rivers; deciphering the language of science through numbers, and mastering the computing sciences. **READ MORE** 

# Arts & Humanities



**Academic Departments** 

<u>Abbott Leadership Institute</u> engages parents and community people as partners with education professionals in the education of the children in the public schools in Newark.

<u>Center for Migration and the Global City</u> fosters migration research across and between academic disciplines, and the development of educational resources, curriculum, and public programming that contributes to a better understanding of the processes and effects of contemporary migration and its historical roots.

<u>Center for the Study of Genocide, Conflict Resolution and Human Rights</u> promotes greater education about extreme human rights violations -- which have resulted in mass death, suffering, dislocation, trauma, and social destruction -- through cutting-edge research and scholarship, educational initiatives, outreach and public programs, and international collaborations.

Clement A. Price Institute on Ethnicity, Culture, and the Modern Experience is an interdisciplinary academic program for the study of ethnicity, race, and culture in modern life, promoting faculty research, collegial discussion, and a broad range of public programs.

<u>Documentation Center of Cambodia</u> houses an archive of primary Khmer Rouge documents in digital and microfiche form -- papers, photographs, films and other materials -- that is available to researchers and students at Rutgers-Newark and globally. DCC provides a record of the Khmer Rouge-orchestrated genocide from 1975-1979 that claimed the lives of nearly 2 million Cambodians.

<u>Joseph C. Cornwall Center for Metropolitan Studies</u> conducts scholarly research into urban problems and issues, at all levels from local through international, and sponsors conferences and public programs about public policy issues in New Jersey.

<u>Institute of Jazz Studies</u> at the John Cotton Dana Library is the largest and most comprehensive library and archive of jazz and jazz-related materials in the world and includes photographs, recordings, and memorabilia of such noted artists as Benny Carter, Count Basie, Benny Goodman, and Charlie Parker.

International Institute for Peace (IIP) was founded by Forest Whitaker, artist, humanist and UNESCO Goodwill Ambassador for Peace and Reconciliation, and Aldo Civico, anthropology professor and conflict resolution expert. Its mission: To foster a culture of peace through education, research and practice by strengthening the human potential for dialogue and negotiation.





#### **Research Libraries**

John Cotton Dana Library
Institute of Jazz Studies
Rutgers Libraries
Library of Congress
Newark Public Library

# **Research Funding Sources**

**Grants and Accounting** 

**Research Office (Pre-Award Services)** 

**Internal Research Funding** 

**Funding Sources** 

# **Other Research Links**

**Undergraduate Research Internships** 

Office of Research and Sponsored Programs (ORSP)

**Institutional Review Board (IRB)** 

Ravana: Campus Research Cluster sponsored by the Psychology Dept; open to all campus researchers

# RUTGERS UNIVERSITY – NEW BRUNSWICK

# Centers & Institutes

At Rutgers University–New Brunswick, more than 175 centers and institutes serve as hubs of collaboration in areas as diverse as microbiology and papermaking. As innovative and interdisciplinary forums for trailblazing ideas, they allow scholars from across the university to tackle problems and make lasting contributions to the world's body of knowledge.

# **Idea Engines**

Rutgers centers and institutes are where great minds come together to solve problems and delve into new ideas.



# Collaborative Spinal Cord Research

It's where global research collaboration on spinal cord injuries was pioneered. The W.M. Keck Center for Collaborative Neuroscience is led by Wise Young, a world leader in neuroscience and the researcher behind the China SCINet spinal cord treatment clinical trials featured in *Nature*.



Institute of Earth, Ocean and Atmospheric Science

This environmental research institute is devoted to protecting marine and coastal resources and offering a variety of seminars, internships, and other opportunities for Rutgers students, including work at the Rutgers University Coastal Ocean Observation Lab, or RUCOOL.



National Institute for Early Education Research

The institute conducts research to support early childhood education, offering independent advice and technical assistance to policymakers, journalists, researchers, and educators. It issues an authoritative annual review of state preschool programs, the *State Preschool Yearbook*.



Center for Advanced Infrastructure and Transportation

CAIT is at the forefront of research in infrastructure and transportation systems, addressing the safety, security, and environmental impacts of roadways and bridges.



Waksman Institute of Microbiology

At the Waksman Institute of Microbiology, leading researchers focus on areas such as microbial molecular genetics, developmental molecular genetics, and structural and computational biology, with a variety of fellowships and research opportunities available to students.



Eagleton Institute of Politics

Eagleton is a leading source of scholarly research and data about politics and government, with fellowships and research opportunities available for Rutgers undergraduates and graduate students. Eagleton is also home to the Center for American Women and Politics and the Center for Public Interest Polling.



Brodsky Center for Innovative Editions

Rutgers students serve as interns at the Brodsky Center, which provides artists an opportunity to create new works in print and paper in collaboration with master printers and papermakers.



Douglass Developmental Disabilities Center

A variety of opportunities for students to conduct research and fieldwork are offered by the Douglass Developmental Disabilities Center, which provides programs to meet the needs of people with autism spectrum disorders and their families. The center's school program employs applied behavior analysis, an intensive form of treatment, to help those with autism respond to others and make their way in the world.



Center for Advanced Food Technology

A global leader in food science, Center for Advanced Food Technology (CAFT) aims to improve the safety and quality of the food supply. CAFT scientists work in partnership with industry and government to conduct research and engage in product and process development for major food companies, small entrepreneurs, and other clients



Global Institute for BioExploration

The Global Institute for BioExploration (GIBEX) is a global research and development network that promotes ethical, natural product-based pharmacological bioexploration to benefit human health and the environment in developing countries.



**Rutgers Oral History Archives** 

The Rutgers Oral History Archives records the personal narratives of New Jersey men and women who served during the nation's conflicts, as well as people with a story to tell about some aspect of New Jersey's proud history or the history of Rutgers University.

## **Centers Directory**

Find out more about Rutgers–New Brunswick centers and institutes in their own words by following the links in the list below. Most centers affiliated with schools in Rutgers Biomedical and Health Sciences can be found on those schools' web pages.

A universitywide list of most of the centers and institutes that are located in New Brunswick, Newark, and Camden, as well as additional locations is also available.

## A

- AIDS Policy Research Group
- Adult Clinical Research Center
- Advanced Biotechnology and Medicine (CABM), Center for
- Advanced Energy Systems, Center for
- Advanced Food Technology, Center for
- Advanced Infrastructure and Transportation, Center for
- Advanced Materials via Immiscible Polymer Processing, Center for
- African Studies, Center for
- Agricultural Experiment Station, New Jersey
- Air Pollution Training Program
- Alcohol Studies, Center of
- Alexandria Project Laboratory
- American Women and Politics, Center for
- Applied Psychology, Center for
- Aresty Research Center for Undergraduates
- Asian American Cultural Center

#### В

- BioMaPS (Biological, Mathematical, and Physical Sciences Interfaces) Institute for Quantitative Biology
- Biomaterials, New Jersey Center for
- Boggs Center on Developmental Disabilities, The
- Brain Health Institute
- Brodsky Center for Innovative Editions

## C

- Cancer Institute of New Jersey, The
- Cancer Prevention Research, Center for
- Cardiovascular Institute
- Catalyst Manufacturing Science and Engineering Center
- Cell and DNA Repository, Rutgers University
- Ceramic, Composite and Optical Materials Center
- Child Development, Institute for the Study of
- Child Health Institute of New Jersey
- Civic Engagement, Ralph W. Voorhees Center for
- Civic and Law-Related Education, NJ Center for

- Cloud and Autonomic Computing at Rutgers, Center for
- Collaborative Neuroscience, W.M. Keck Center for
- Command, Control, and Interoperability Center for Advanced Data Analysis
- Community Development Institute
- Community Health Partnerships, Center for
- Computational Biomedicine Imaging and Modeling, Center for
- Computer Science Research, Laboratory for
- Confucius Institute at Rutgers University
- Continuing Professional Development, Center for
- Controlled Environment Agriculture, Center for
- Culture and Politics of Democracy, Walt Whitman Center for the

#### D

- Deep-Sea Ecology and Biotechnology, Center for
- Dermal Research, Center for
- <u>Developmental Disabilities, Douglass Center for</u>
- Discrete Mathematics and Theoretical Computer Science, Center for
- Distributed Laboratory for Digital Libraries, Rutgers
- Douglass Project for Rutgers Women in Math, Science, and Engineering
- Dynamic Data Analytics, Center for

#### E

- Eagleton Center for Public Interest Polling
- Eagleton Institute of Politics
- Early Education Research, National Institute for
- Earth, Ocean, and Atmospheric Sciences, Institute of
- Eastern Regional Radon Training Center
- Economics and Children, Center for
- Edison Papers, Thomas A.
- Education and Research on Therapeutics, Center for
- Electroceramics Research Group, The
- Elizabeth Cady Stanton and Susan B. Anthony Papers Project
- Emergent Materials, Rutgers Center for
- Energy, Economic & Environmental Policy, Center for
- Environmental Prediction, Center for
- Environmental and Occupational Health Sciences Institute
- Equine Science Center
- European Studies, Center for
- Excellence for Radioactive Ion Beam Studies for Stewardship Science, Center of
- Executive Leadership in Government, Center for
- Exercise and Aging, Center for

#### F

- Families, Institute for
- Family Involvement in Schools, Center for
- Fiber Optic Materials Research Program
- Film Co-op/New Jersey Media Arts Center, Rutgers
- Food, Nutrition, and Health, New Jersey Institute for
- Forest Center, Hutcheson Memorial

## G

- Gambling Studies, Center for
- Geological Survey Core Repository, Rutgers/New Jersey
- Geology Museum
- Global Advancement and International Affairs, Centers for
- Global Institute for BioExploration, The
- Global Services, Center for
- Government Services, Center for
- Governmental Accounting Education and Research, Center for
- Green Building, Rutgers Center for

#### Н

- HIV Prevention Community Planning Support and Development Initiative (EJBSPPP)
- Health Beliefs and Behavior, Center for the Study of
- Health Services Research on Pharmacotherapy, Chronic Disease Management, and Outcomes, Center for
- Health, Health Care Policy and Aging Research, Institute for
- Heldrich Center for Workforce Development, John J.
- Historical Analysis, Rutgers Center for
- Holocaust Resource Center, Herbert and Leonard Littman Families
- Huamin Research Center
- Human Evolutionary Studies (CHES), Center for
- Human Genetics Institute of NJ
- Hungarian Studies, Institute of

I

- Improving Student Achievement, Rutgers University Institute for
- Industrial Assessment Center
- Innovative Ventures of Emerging Technologies, Center for
- Integrative Proteomics Research, Center for
- Interdisciplinary Studies in Information Policy and Security
- Interfacial Molecular Science Laboratory
- International Pharmaceutical Economics and Policy, Center for
- International Social Work, Center for

#### J

- Jewish Life, Allen and Joan Bildner Center for the Study of
- Journalism Resources Institute

## K

• Knowledge Institute, The

#### L

- Latin American Studies, Center for
- Latino Arts and Culture, Center for
- Learning, Robert B. Davis Institute for
- Lipid Research, Rutgers Center for
- Local Democracy Partnership Program

#### M

- Management Development, Center for
- Margery Somers Foster Center
- Marine Biotechnology, Center for
- Marine and Coastal Sciences, Institute of
- Materials Theory, Center for
- Math and Science Learning Center
- Mathematical Sciences Research, Center for
- Mathematics, Science and Computer Education, Center for
- Meadowlands Studies, Institute for
- Media Studies, Center for
- MetroMath
- Micro Electronics Research Laboratory
- Middle Eastern Studies, Center for

#### N

- Nanomaterials Laboratory
- Nanotechnology, Institute for Advanced Materials, Devices and
- National Transit Institute
- Negotiation and Conflict Resolution, Center for
- Neighborhood and Brownfields Redevelopment, National Center for
- Neurodegenerative and Neuroimmunologic Diseases, Center for
- New Jersey Collaborating Center for Nursing
- New Jersey Mathematics Coalition
- New Jersey Public Policy Research Institute
- Noise Technical Assistance Center, Rutgers
- Nonlinear Analysis, Center for
- Nonprofit Management and Governance, Center for
- Northeast Structural Genomics Consortium
- Nucleic Acid Database Project

## O

- Office of Advanced Research Computing (OARC)
- Online & Hybrid Learning and Instructional Technology Team, Center for
- Oral History Archives of World War II
- Organizational Development and Leadership, Center for
- Osher Lifelong Learning Institute
- Ozone Research Center

#### P

- Paul Robeson Cultural Center
- Pediatric Clinical Research Center
- Philosophy and the Sciences, Rutgers University Center for
- Protein Data Bank
- Public Health Preparedness, Center for

### R

- R/ECON Forecasting Service
- Race & Ethnicity, Center for
- Remote Sensing and Spatial Analysis, Grant F. Walton Center for
- Research Collaboratory for Structural Bioinformatics
- Research on Women, Institute for
- Rutgers Arts Center
- Rutgers British Studies Center
- Rutgers Catalyst Research Center
- Rutgers Center for Adult Autism Services
- Rutgers Center for Cognitive Science
- Rutgers Clinical Research Organization, The
- Rutgers Cooperative Extension
- Rutgers Discovery Informatics Institute (RDI2)
- Rutgers Energy Institute
- Rutgers Institute for Science and Technology Leadership in Africa
- Rutgers Institute forTranslational Medicine and Science
- Rutgers Plant Science Research & Extension Farm
- Rutgers Regional Report / State Data Center

#### S

- School and Community-Based Research and Education, Center for
- Smoking Cessation Laboratory, Rutgers
- Social and Character Development at Rutgers, Center for
- Spinal Cord Injury Project
- State Health Policy, Center for
- · Statistical Consulting, Office of
- Stem Cell Institute of New Jersey
- Stem Cell Research Center
- Strategic Human Resource Leadership Council
- Structured Organic Particulate Systems, Engineering Research Center for
- Surface Modification, Laboratory for
- Survey Research, Bloustein Center for
- Sustainable Materials, Center for
- Systems and Control, Rutgers Center for

#### Т

- Teaching Advancement and Assessment Research, Center for
- Thai Fogarty ITREOH (Int'l Training & Research in Environmental and Occupational Health)
   Center
- Tobacco Studies, Center for
- Transportation Center, Alan M. Voorhees
- Transportation Safety, Security and Risk, Center for
- Turfgrass Science, Rutgers Center for

## U

- Urban Environmental Sustainability, Center for
- Urban Policy Research Press, Center for
- Urban Policy Research, Center for
- Urban Restoration Ecology, Center for

## V

- Vector Biology, Center for
- Violence Against Women and Children, Center on
- Vision Research, Laboratory of
- Visualization Lab

## W

- Waksman Institute of Microbiology
- Water Resources Research Institute, New Jersey
- Wildlife Damage Control Center
- Wireless Information Network Laboratory (WINLAB)
- Women and Work, Center for
- Women in Science, Engineering and Mathematics, Office for the Promotion of
- Women in the Arts and Humanities, Center for
- Women's Global Leadership, Center for
- Women's Leadership, Institute for
- Workforce Development, John J. Heldrich Center for
- World Languages Institute, Rutgers University

## Y

- Youth Education and Employment Success Center
- Youth Sports Research Council

## BIOMEDICAL AND HEALTH SCIENCES



## Research Overview

Rutgers is a leading national research university, with a depth and breadth of research activity and resources unparalleled in New Jersey. With the establishment of Rutgers Biomedical and Health Sciences (RBHS), Rutgers moves to new heights and now stands as one of America's largest, most comprehensive university-based centers for studying and improving human health and health care. Through basic, translational, and clinical research—spanning the life sciences, physical sciences, and social sciences—we advance knowledge and technology that drive education, medical breakthroughs, and economic development, while improving lives at home and in the global community.

Led by the university's faculty, research is supported by staff in many units. The Office of Research and Economic Development facilitates grant applications, research alliances, technology commercialization, and relationships among faculty and the business community.

## Research at Our Schools

Many research activities within Rutgers Biomedical and Health Sciences are coordinated by the individual schools.

- Ernest Mario School of Pharmacy
- New Jersey Medical School
- Robert Wood Johnson Medical School
- Rutgers School of Dental Medicine
- School of Graduate Studies
- School of Health Professions
- School of Nursing
- School of Public Health

## Research Centers and Institutes

These primary Rutgers Biomedical and Health Sciences research centers and institutes work closely with RBHS and other schools.

- Cancer Institute of New Jersey
- Center for Advanced Biotechnology and Medicine
- Environmental and Occupational Health Sciences Institute
- Institute for Health, Health Care Policy and Aging Research
- Rutgers Institute for Translational Medicine and Science

#### ADDITIONAL RESEARCH CENTERS AND INSTITUTES

 Hundreds of additional centers and institutes work collaboratively across disciplines with RBHS, with other Rutgers units, and with other institutions worldwide.

#### Behavioral Health Research

<u>University Behavioral Health Care</u> conducts <u>behavioral health</u>, <u>mental health</u>, <u>and addiction research</u> with the goal of offering cutting-edge technologies and new treatment alternatives.

## Research Gateways

- The Rutgers Office of Research and Economic Development works with Rutgers faculty and staff, major
  corporations and the region's business community, and allies such as BioNJ and the New Jersey Business
  and Industry Association, to make connections and foster collaborations for research and development
  initiatives across all of our campuses.
- The Rutgers <u>Clinical Research Organization</u> is the gateway to RBHS's statewide clinical trial activities. Dedicated to effective collaboration between industry and academia to advance care and the boundaries of health care treatment, we partner with patients, industry, and practitioners to identify appropriate investigators and academic resources to meet patients' needs.
- The Rutgers Office of Technology Commercializationserves as a bridge between Rutgers researchers and commercialization partners, ensuring the smooth and fast transfer of intellectual property created at the university. The staff educates and serves as a resource for the Rutgers community on matters relating to intellectual property, technology commercialization and entrepreneurship; protects intellectual property via trademarks and patents; and negotiates patent licenses.
- The Office of Translational Science (OTS) assists biomedical science faculty in creating and building interdisciplinary collaborative research. By providing access to facilities and expertise in molecular imaging, synthesis of probe molecules, and related technologies, OTS is committed to meeting the needs of both university and industry collaborators.

## CANCER INSTITUTE OF NEW JERSEY

## Research

Bringing research to life: From genetic implications to exploring the impact of self-cannibalization of cancer cells, scientists at the Cancer Institute of New Jersey work in concert with our physicians to translate cancer discoveries into today's treatments.

#### **Research Overview**

Rutgers Cancer Institute of New Jersey's physician-scientists engage in translational research, transforming their laboratory discoveries into clinical practice, outsmarting cancer with science.

Rutgers Cancer Institute of New Jersey is a matrix style, basic, clinical and population research center as well as a consortium cancer center with Rutgers University and Princeton University leveraging the science of the state's cancer researchers through collaboration. Rutgers Cancer Institute of New Jersey is sharply focused on fulfilling the cancer research needs of the most densely populated and industry rich state in the nation.

Rutgers Cancer Institute of New Jersey research programs and core facilities enhance and support the cancer research of more than 180 members at Rutgers University, Princeton University and the Institute for Advanced Study in Princeton.

Research is currently being conducted in areas including: population science, precision medicine, systems biology, oncogenesis, tumor virology and immunology, autophagy, drug development and resistance, the relationship between cellular and genetic alterations and tumor development, cancer control and prevention, bioinformatics, and cancer genomics.

Rutgers Cancer Institute of New Jersey continues to expand its foundation of knowledge and the technical tools with which rapid advances can be made in understanding the mechanisms of cancer. Opportunities to manage the disease have increased and clinical research studies have yielded results that will have a profound effect in the prevention and treatment of many cancers.

Rutgers Cancer Institute of New Jersey Research Programs

Calendar of Research Program Meetings, Lectures and Other Events for Rutgers Cancer Institute of New Jersey Members

## CENTER for ADVANCED BIOTECHNOLOGY and MEDICINE

CABM was established to be a hub for biomedical research at Rutgers University and the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School (UMDNJ-RWJMS) in Piscataway/New Brunswick (NB). It has succeeded admirably in this task. CABM investigators, who hold academic appointments in departments of RWJMS, the School of Arts and Sciences (SAS) and the Earnest Mario School of Pharmacy (EMSoP), have become internationally-recognized leaders in their respective fields, deeply involved in interdisciplinary research and teaching programs that bridge across multiple departments and schools. In July 2013 the NJ Higher Education Restructuring Act dissolved UMDNJ and merged most of its schools with three Rutgers campuses creating a single Rutgers University. CABM was placed in the newly created Rutgers Biomedical and Health Sciences (RBHS) unit that contains most previous schools of UMDNJ. CABM reports directly to RBHS Chancellor Brian Strom. Although UMDNJ and Rutgers have merged, CABM retains a somewhat unique status as a joint institute with faculty distributed among schools under the supervision of two different chancellors (RBHS and Rutgers-NB).

CABM continues to be singularly positioned as a highly productive interface across the scientific and medical communities at Rutgers. CABM faculty and scientific staff lead research collaborations and consortia involving investigators across Rutgers University, direct core facilities, head shared instrumentation grants, teach undergraduate, graduate and medical school courses, play key roles in training grants and graduate programs, and hold leadership administrative positions in the university.

CABM faculty members play leading roles in the international and national biomedical research community. These activities include chairing scientific committees and organizing conferences, symposia, and workshops; serving on NIH, NSF, private foundation, and international funding agency advisory committees; participating on advisory boards for departments, programs, and national technology resources at other universities; and serving as journal editors and editorial board members, and as officers and committee members of scientific professional society.

CABM provides critical components supporting the missions of RBHS and RU-NB in teaching and scientific excellence. As CABM investigators are also faculty members of several different academic departments, their research programs promote powerful synergies across the university. CABM is a major link between RBHS and the Rutgers-NB academic and scientific communities; provides the primary strength of RBHS in proteomics and structural biology; and fosters collaborative interactions between biomedical and physical science disciplines including chemistry, molecular biophysics, engineering, and computer science. These unique interdisciplinary strengths of CABM are essential elements of innovative biomedical research across the Rutgers Piscataway/New Brunswick campuses. In particular, the primary research CABM, Infectious Disease, Cancer, Neurodevelopment/ of and Neurodegeneration, are central components of the RBHS Strategic Plan. CABM promises to continue to play a unique role in integrating RBHS within Rutgers University and contributing to the Rutgers goal of excellence in education and research.

# ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES INSTITUTE /EOSHI

With its broad and multidisciplinary faculty expertise, the Environmental and Occupational Health Sciences Institute is an international resource that supports basic and clinical research in environmental health sciences and exposure assessment and fosters associated programs in environmental health education and public policy.

#### Established in 1986, EOHSI's major objectives are to:

- Advance understanding of the mechanisms by which environmental and occupational chemical exposures impact human health
- Identify and measure human environmental and occupational exposures to chemicals
- Treat populations adversely affected by chemical exposures
- Develop educational tools describing relative risks of chemical exposures
- Contribute to public policies related to environmental and occupational chemical risks
- Offer training programs for environmental health professionals

The Institute serves as an unbiased source of expertise about environmental problems for communities, employers and governments in all areas of occupational and environmental health, toxicology and risk assessment. EOHSI members are active as advisors to international, national, state and local organizations on public health issues.

# INSTITUTE for HEALTH, HEALTH CARE POLICY and AGING RESEARCH

Established in 1985 by David Mechanic, the Institute for Health, Health Care Policy and Aging Research (IFH) facilitates collaboration among the social and behavioral sciences, clinical disciplines, basic sciences and related fields to promote research on critical health and mental health issues. The IFH brings together scholars across and beyond Rutgers into a vibrant interdisciplinary network that advances high quality research in five core areas:

- Behavioral Health
- Health Economics
- Social Determinants of Health and Illness
- State Health Policy
- Health Services Research

IFH's core faculty and associate members have generated award-winning scholarship. A total of six current and former faculty have been elected to the National Academy of Medicine (formerly the Institute of Medicine (IOM)) of the National Academy of Sciences (NAS).

## **Universities & Locations**

Rutgers, The State University of New Jersey, has a wide-spread presence in the state of New Jersey with locations in all 21 New Jersey counties as well as academic and research enterprises around the world.



#### **Rutgers University-New Brunswick**

A comprehensive intellectual resource, Rutgers University–New Brunswick is Rutgers' flagship campus as designated by the <u>Association of American Universities</u>. <u>Visit</u> Rutgers University– New Brunswick.



## **Rutgers Biomedical and Health Sciences**

The health care division closely aligned with Rutgers University–New Brunswick, Rutgers Biomedical and Health Sciences (RBHS) engages in academic, research, and patient activities across the state. Find <u>locations and directions</u> for RBHS.



#### **Rutgers University-Newark**

Located in New Jersey's largest city, Rutgers University–Newark is the premier higher education institution in northern New Jersey. <u>Visit</u> Rutgers University–Newark.



### Rutgers University-Camden

Situated just across the Delaware from historic Philadelphia, Rutgers University–Camden is the leading higher education institution in southern New Jersey. <u>Visit</u> Rutgers University–Camden.

## **New Jersey Agricultural Experiment Station**

The <u>New Jersey Agricultural Experiment Station</u> (NJAES), with <u>Rutgers Cooperative</u> <u>Extension</u> offices in all 21 New Jersey counties, helps Rutgers fulfill its land-grant mission by providing research, extension, and education programs for the people of New Jersey statewide.

## **Online**

Online learning provides degree, nondegree, and continuing education programs anywhere yearround.

## **Additional Locations**

#### Academic Satellite Locations

- Continuing Education: Check for locations throughout New Jersey
- <u>Lindley G. Cook 4-H Camp</u>: Branchville
- M.B.A. Satellite Locations: Jersey City, Madison
- Rutgers at Atlantic Cape Community College: Mays Landing
- Rutgers at Brookdale Community College: Freehold
- Rutgers at Camden County College: Blackwood
- Rutgers at Mercer County Community College: West Windsor
- Rutgers at Raritan Valley Community College: North Branch
- School of Health Professions: Scotch Plains, Stratford
- School of Nursing: Blackwood
- School of Public Health: Stratford

## Field Stations, Research Facilities, Rutgers Cooperative Extension

- Clifford E. and Emelda C. Snyder Research and Extension Farm: Pittstown
- Haskin Shellfish Research Laboratory: 4 locations in southern New Jersey
- Philip E. Marucci Center for Blueberry and Cranberry Research and Extension: Chatsworth
- Pinelands Field Station: New Lisbon
- Rutgers Agricultural Research and Extension Center: Bridgeton
- Rutgers Cooperative Extension: Locations in All 21 New Jersey Counties
- Rutgers Fruit and Ornamental Research Extension Center: Cream Ridge
- Rutgers Plant Science Research and Extension Farm: Adelphia
- Rutgers University Marine Field Station: Tuckerton

## **Business Incubators and Small Business Development Centers**

- EcoComplex: Bordentown
- Food Innovation Center: Bridgeton
- New Jersey Small Business Development Centers: Locations in All 21 New Jersey Counties

## Information for the Public

Wondering how to research your New Jersey ancestors? Ready to lose weight and eat a healthier diet? Concerned about insect-borne diseases? Looking for an affordable evening of dance, theater, or music? Rutgers has a broad range of resources to serve the needs of the public. **Explore what Rutgers University–New Brunswick can do for you.** 

### **At Your Service**

Explore these pages of tremendous resources and find out how Rutgers University–New Brunswick can make you, your community, your school, or your family stronger and wiser (and maybe even happier)!

- Agriculture and Environment: Keeping the Garden State Green
- Arts and Culture: At Bargain Prices!
- Continuing Education & Lifelong Learning: A Competitive Edge
- New Jersey History: From Franklinite to the Electric Light
- Pre-K–12 Education: Ready, Set, Learn
- Public Health, Safety, and Nutrition: To Your Health
- Science for the Public: A Well-Informed Citizenry
- Senior Citizen Services: Older, Smarter, and Wiser
- Sports/Recreation: We've Got Game

#### LIBRARY AND INFORMATION RESOURCES

All New Jersey residents are welcome to visit any of the libraries at Rutgers. Browse through our stacks, ask a reference question, or use our online catalog and electronic resources to find the information you need. An online catalog and selected information resources are available from the University Libraries website if you are unable to visit in person.

#### INFORMATION FOR VETERANS

Veterans enrolling at Rutgers-New Brunswick can find support and guidance in their transition to college life.

#### **LOOKING FOR A JOB?**

Learn about Rutgers–New Brunswick Career Services recruitment events that are open to the public:

Federal Jobs Career Day, Graduate and Professional School Day, New Jersey Collegiate Career Day, and New Jersey Diversity Career Day. Search the University Human Resources website to learn about employment opportunities at Rutgers.

- Upcoming Career Days
- Employment Opportunities at Rutgers University

#### **Expert Speakers**

Rutgers scholars and professionals are available to speak at your function. Find out how by contacting the Rutgers Speakers Bureau.

## **Undergraduate, Graduate, and Professional Education**

Rutgers—New Brunswick's most essential service is educating students and providing a prepared workforce to meet the needs of New Jersey and the nation.

- Undergraduate Education
- Graduate Education
- Continuing Education

## **Rutgers in Your Neighborhood**

Take advantage of the many resources and programs Rutgers offers from health services to recreational activities in your community.

- Community Health Programs through Rutgers Biomedical and Health Sciences
- Programs for the Rutgers University—New Brunswick Community

## **Experience Rutgers**

From mastering the mundane—getting yourself fed or figuring out bus routes—to experiencing the profound—changing a life when you become a local kid's Big Buddy—your time spent outside the classroom at Rutgers University–New Brunswick makes you a well-rounded and more capable individual.

## Join, Learn, Play—and Connect

The campus teems with activities and ways to connect with fellow students, faculty, and the community. So step outside the classroom, your front door, yourself—and discover what it is to fully experience Rutgers.

#### **GET ORIENTED**



To get you up and running, you'll need to know the basics. What are the options for housing? Where's the library? What sort of student IDs do you need? Get the scoop on daily living at Rutgers: transportation, health services, news sources, computing assistance, where to get help, and more.

#### LEARNING BEYOND THE CLASSROOM



There's a world of ideas out there to make your own—on your own time. Dive in and explore. Go beyond regular coursework in your first year and take a Byrne Seminar, join a professional society and get insider perspectives, ask a Pulitzer Prize-winning author a question.

#### STUDENT ACTIVITIES



Carpe diem! Seize the day! And make every day count as you join in, sign on, and shake things up. Clubs, recreation, volunteer organizations, student government, student media, and more thrive at Rutgers—and they all want your energy, enthusiasm, and great ideas.

#### ATHLETICS AND RECREATION



Choose from hundreds of classes offered by Rutgers–New Brunswick Recreation or just find some friends for a pickup game of soccer, cricket, basketball—you name it. Check out club sports, intramurals, and personal training, too! And when it's time to join "R" house and cheer on the Division I Scarlet Knights, you'll find sports played at the highest intercollegiate levels.

#### **CAMPUS HOUSING**



Rutgers—New Brunswick offers an eclectic variety of options for student housing. Options range from large, lively residence halls to small, intimate houses. Wherever you live, you'll be a short walk or bus ride from classes, dining halls, cafés, libraries, and sports fields.

#### **CAMPUS DINING**



Grab a burger or sushi at a student center, or head to the salad bar or grill at a dining hall. Or for a quick bite, use your RU Express card at the Knight Wagon food truck or at participating restaurants in town.

#### **ARTS AND CULTURE**



Rutgers is a cultural hot spot. People come from around the region to experience our museums, plays, opera, choirs, symphony, quartets, dance performances, art installations, and film festivals. And lucky you: all of this is happening right on campus. Whether you watch or make it happen, our arts and culture offerings can take you to new heights.

## **Visit Rutgers**

Film festivals. An astronomy observatory. Campus tours. Symposia. Football, soccer, and other sports. Hiking trails. School and college open houses. A golf course. Dance. Theater. There are many reasons to visit Rutgers University, located in New Jersey and the heart of the East Coast.

## See Rutgers for Yourself

Are you a high school student considering Rutgers? A family seeking a fun destination for a day trip? An alum who wants to cheer the Scarlet Knights at High Point Solutions Stadium? An art lover looking to browse our fabulous Zimmerli Museum? Come visit us for an afternoon or a weekend and enjoy the Rutgers experience!



## A Great Place to Visit

#### **CAMPUS TOURS**

Take a <u>campus tour</u>. It's the best way to get a feel for life at Rutgers University–New Brunswick. Enthusiastic, knowledgeable student guides share information about landmarks, facilities, and student life. Tours begin at the <u>Visitor Center</u> and <u>reservations are required</u>.

While there's no substitute for visiting in person, you can still get a sense of our compus on a Virt

While there's no substitute for visiting in person, you can still get a sense of our campus on a <u>Virtual Tour</u>. "Walk" around with student guides and you'll see that our facilities are as diverse and multifaceted as our students.

#### ATTRACTIONS AND DESTINATIONS

Rutgers University is a community of <u>five interconnected campuses</u>, each with attractions to enlighten and entertain you. Check out the <u>Rutgers Cinema</u> on the Livingston Campus, the <u>Zimmerli Art Museum</u> on the College Avenue Campus, <u>High Point Solutions Stadium</u> on the Busch Campus, the <u>Mason Gross Performing Arts Center</u> on the Douglass Campus, or the <u>Entomological Museum</u>, with more than 200,000 bugs, butterflies, and other specimens, on the George H. Cook Campus.

#### **LODGING AND DINING**

Whether you're here for an afternoon or a weekend, you'll find an abundance of restaurants, hotels, motels, and conference centers for every taste and budget.

#### MAPS, DIRECTIONS, AND PARKING

Rutgers' central location on the East Coast and proximity to Newark, New York City, and Philadelphia make getting here easy. Whether you arrive by plane, train, or automobile, once you're here, our maps and directionsmake it easy to find your way around.

## Where in the World Is Rutgers

Rutgers' campuses are located in the great state of New Jersey, one of America's 13 original colonies. Packed with history, firsts—and people—it is where Washington crossed the Delaware, Edison invented the electric light, and the boardwalk and baseball were born. It is home to 8.7 million residents—the small but powerful sweet spot between New York and Pennsylvania.

With its tremendous density and diversity—of terrain, communities, arts and culture, transportation, and businesses—New Jersey is now and future America in microcosm, the ideal proving ground for new ideas. And Rutgers has always been its trusted partner in moving forward.



## **New Jersey Weather and Time Zone**

Visitors come to Rutgers from around the world, arriving on our campuses daily. We've provided information to help you plan your visit, whether you are coming next week, next month, or a year from now. How should you pack? Will it be cold or warm? What time will it be in New Jersey when you arrive? Find out below.

#### **TEMPERATE**

Average daily temperatures in New Jersey in January, usually the coldest month, are a high of 37°F (3°C) and a low of 24°F (-4°C). In July, usually the hottest month, daily temperatures reach an average high of 85°F (29°C) and a low of 67°F (19°C).

Measurable precipitation falls on about 120 days out of each year. Fall months are usually the driest. Snow may fall from about October 15 to April 30 in northern counties and from about November 15 to April 15 in southern counties.

#### **RUTGERS TIME**

Rutgers, like New York and Philadelphia, is in the Eastern Time Zone.

Eastern Standard Time (EST), UTC-5

- · Begins first Sunday every November, 2 a.m.
- Is five hours behind UTC

Eastern Daylight Time (EDT), UTC-4

- · Begins second Sunday every March, 2 a.m.
- · Is four hours behind UTC

New Jersey Weather and Climate Network

A public service of the Office of the New Jersey State Climatologist at Rutgers University, the NJ Weather and Climate Network (NJWxNet) website is a one-stop destination for New Jersey weather and climate information. Learn more.

## Programs for the Community

## RUTGERS UNIVERSITY - NEW BRUNSWICK

#### **Program Directory**

Rutgers serves its community—in New Brunswick and beyond—through a broad array of programs and services. These programs originated on Rutgers' New Brunswick Campus in service to our neighbors. But our success depends on your awareness and participation. We encourage everyone—community members, students, faculty, and staff—to learn more about Rutgers' programs and get involved. Browse the program directory by category or view the alphabetical list of programs.

## Agriculture & Environment

- New Brunswick Community Farmers Market
- Nurture thru Nature
- Rutgers Collegiate 4-H Club
- Rutgers Gardens: After School and Day Camp Programs
- Rutgers Gardens Children's Programs
- Rutgers Gardens Tours
- Rutgers Gardens Volunteer Program
- Rutgers Green Purchasing Program
- Sustainable Raritan River Initiative

## Camps & Youth Programs

- The Academy at Rutgers for Girls in Engineering and Technology (TARGET)
- The Academy for Leadership and Equality
- Career Summer Institute (CSI)
- Drawing Club for Young People
- Governor's School of Engineering and Technology
- Healing Through the Arts Summer Camp
- Mason Gross School of the Arts Extension Division
- The Mason Gross School of the Arts Preparatory School
- New Brunswick 4-H Club
- Northern NJ Junior Science and Humanities Symposium (JSHS)
- Nurture thru Nature (NtN)
- Read Across New Jersey

- Rutgers Astrophysics Summer Institute
- Rutgers Collegiate 4-H Club
- Rutgers Gardens Children's Programs
- Rutgers Gardens: After School and Day Camp Programs
- Rutgers Summer Scholars Program
- Rutgers University in Your Community Girl Scout Program Award
- Rutgers University Summer Acting Conservatory
- Special Friends Day
- Summer Art Camp at the Zimmerli Art Museum at Rutgers University
- Summer Programs at the Mason Gross Extension Division
- Toxicology, Health & Environmental Disease High School Summer Program
- Waksman Student Scholars Program
- ZAM Session, Drawing Class for Teens

## **Community Education**

- Adult Visual Art Programs at the Mason Gross Extension Division
- Annual Safety Forum
- Cardiopulmonary Resuscitation (CPR) & First Aid Training
- Center for Continuing Professional Development
- Center for Effective School Practices (CESP)
- Confucius Institute at Rutgers University (CIRU)
- Expanded Food and Nutrition Education Program (EFNEP)
- FARE: Feminist Art Resources in Education
- Get Moving

  Get Healthy
- Getting to Know Europe: Business Forums
- Mason Gross School of the Arts Extension Division
- The Mason Gross School of the Arts Preparatory School
- National Safety Council Defensive Driving Course
- New Jersey Supplemental Nutrition Education Program (SNAP-Ed)
- NEW Leadership New Jersey
- Osher Lifelong Learning Institute (OLLI-RU)
- QuarkNet
- Rutgers Advanced Technology Extension (RATE)
- Rutgers Astrophysics Summer Institute
- Rutgers Speaker Bureau
- Rutgers University in Your Community Girl Scout Program Award
- Senior Citizen Audit Program
- Summer Advanced Placement Institute

- Summer Reading Programs for Children and Adults
- Teach Europe
- Teacher Workshops in the Arts
- Zimmerli Art Museum at Rutgers University Learning Center
- Zimmerli Art Museum at Rutgers University Drawing Society for Adults

## Culture, Arts & Entertainment

- Adult Visual Art Programs at the Mason Gross Extension Division
- Confucius Institute at Rutgers University (CIRU)
- Day of the Dead Program
- Drawing Club for Young People
- FARE: Feminist Art Resources in Education
- Healing Through the Arts Summer Camp
- Institute for Women and Art (IWA)
- Living History for Teens: Soviet Art and Culture Workshop
- The Mary H. Dana Women Artists Series (DWAS)
- The Mason Gross School of the Arts Preparatory School
- New Brunswick 4-H Club
- Rutgers Day
- Rutgers iTV Studio
- Rutgers Jewish Film Festival
- Rutgers University Summer Acting Conservatory
- Summer Art Camp at the Zimmerli Art Museum at Rutgers University
- Summer Programs at the Mason Gross Extension Division
- Teacher Workshops
- ZAM Session, Drawing Class for Teens
- Zimmerli Art Museum at Rutgers University Learning Center
- Zimmerli Art Museum at Rutgers University Drawing Society for Adults
- Zimmerli Art Museum at Rutgers University Free First Sunday and Spotlight Tours

## **Events: Join Us**

- Big Chill 5K Run/Walk
- Big Pink Volleyball
- Day of the Dead Program
- Getting to Know Europe: Business Forums
- Halloween Monster Mash
- Math and Science Learning Center
- New Brunswick Community Farmers Market
- Preschool Storytelling
- Relay For Life
- Rutgers Day
- Rutgers Geology Museum
- Rutgers Senior Day
- Zimmerli Art Museum at Rutgers University Free First Sunday and Spotlight Tours

#### **Nutrition & Wellness**

- Ask Before You Eat (Food Allergy Awareness Campaign)
- Expanded Food and Nutrition Education Program (EFNEP)
- Get Moving–Get Healthy
- New Brunswick Community Farmers Market
- New Brunswick Community Food Alliance
- New Jersey Childhood Obesity Study
- New Jersey Supplemental Nutrition Education Program (SNAP-Ed)
- Nutritional Sciences Preschool
- Rutgers Against Hunger
- Rutgers Gardens Farm Market
- Rutgers Infant Nutrition and Growth Project

## Partners With Business, Government & Community

- Community Policing Program
- Department of Transportation Services (DOTS)
- Getting to Know Europe: Business Forums
- Healing Through the Arts Summer Camp
- Institute for Families (IFF)
- Law Enforcement Training Facility
- New Brunswick 4-H Club

- New Brunswick Community Farmers Market
- New Brunswick Community Food Alliance
- Off-Campus Housing Service
- Rutgers Green Purchasing Program
- Rutgers Speaker Bureau
- Sustainable Raritan River Initiative
- The Collaborative
- Voorhees Fellowship Program

## Prekindergarten to Grade 12

- 12th Grade College English
- AVID (Advancement Via Individual Determination)
- Bridge To Employment (BTE)
- Career Summer Institute (CSI)
- Center for Effective School Practices (CESP)
- Drawing Club for Young People
- Douglass Project: 4th Grade Science Stars
- FARE: Feminist Art Resources in Education
- Getting to Know Europe: Euro Challenge
- Governor's School of Engineering and Technology
- HiGene: a Genome Sequencing Project for High Schools
- Living History for Teens: Soviet Art and Culture Workshop
- The Mason Gross School of the Arts Preparatory School
- Math and Science Learning Center
- New Brunswick Saturday Scholars Academy
- Northern NJ Junior Science and Humanities Symposium (JSHS)
- Nutritional Sciences Preschool
- Nurture thru Nature (NtN)
- Preschool Storytelling
- Public Education Institute (PEI)
- QuarkNet
- Read Across New Jersey
- Rutgers Astrophysics Summer Institute
- Rutgers Early College Humanities Program (REaCH)
- Rutgers Future Scholars
- Rutgers Gardens: Children's Programs
- Rutgers Science Explorer
- Rutgers Summer Scholars Program

- Rutgers University in Your Community Girl Scout Program Award
- Rutgers Upward Bound
- RU Ready
- Summer Art Camp at the Zimmerli Art Museum at Rutgers University
- Summer Programs at the Mason Gross Extension Division
- Summer Reading Programs for Children and Adults
- The Academy at Rutgers for Girls in Engineering and Technology (TARGET)
- The Academy for Leadership and Equality
- Toxicology, Health & Environmental Disease High School Summer Program
- Tutoring Plus
- Tutoring Programs: Literacy and Math
- Waksman Student Scholars Program
- ZAM Session, Drawing Class for Teens

## Public Health & Safety

- Annual Safety Forum
- Cardiopulmonary Resuscitation (CPR) & First Aid Training
- Child Seat Inspection Station
- Community Policing Program
- Department of Transportation Services (DOTS)
- Institute for Families (IFF)
- Law Enforcement Training Facility
- National Safety Council Defensive Driving Course
- Psychological Services Clinic

## Service Opportunities

- Big Chill 5K Run/Walk
- Big Pink Volleyball
- Halloween Monster Mash
- Relay For Life
- Rutgers Against Hunger
- Rutgers Collegiate 4-H Club
- Rutgers Gardens Volunteer Program
- RU STRONG Service Days
- Scarlet Day of Service
- Special Friends Day

- Student Community Service Opportunities
- Sustainable Raritan River Initiative
- Tutoring Plus
- Tutoring Programs: Literacy and Math

## RUTGERS UNIVERSITY - RBHS

## Community Health Programs

Health services at Rutgers aim to ensure that all individuals, particularly those living in traditionally underserved areas, have access to high-quality health care regardless of their cultural or ethnic background or ability to pay. Many of our programs serve residents in urban communities of New Jersey. Below are some of our signature programs.

#### Community Health Programs, Robert Wood Johnson Medical School

Robert Wood Johnson Medical School (RWJMS) has a clearly stated commitment to community service and the improvement of community health. Medical students at RWJMS engage in a variety of community health activities including the <a href="Homeless and Indigent Populations Health">Homeless and Indigent Populations Health</a> and Outreach Project (HIPHOP) and the <a href="Promise Clinic">Promise Clinic</a> in New Brunswick.

#### Eric B. Chandler Health Center, Robert Wood Johnson Medical School

The center is a comprehensive, family-oriented community health center offering primary care services including family medicine, internal medicine, infectious disease, pediatrics obstetrics and gynecology, podiatry, family planning, and dentistry.

#### **FOCUS Wellness Center, School of Nursing**

The center provides comprehensive primary care, and women's health, mental health, and medication review and education services to Newark and surrounding communities. The center is a model of interprofessional collaborative practice, uniting Rutgers faculty and students from the School of Nursing, School of Social Work, Ernest Mario School of Pharmacy, and School of Health Professions in helping patients to achieve their best possible health outcomes. The center was established through a partnership with the FOCUS Hispanic Center for Community Development.

#### Free Community Participatory Physical Therapy Clinic, School of Health Professions

The clinic serves the community of Newark with physical therapy services and education on wellness and health. It is supervised by a licensed physical therapist and student volunteers from the entry-level doctoral program in physical therapy.

#### Jordan and Harris Community Health Center, School of Nursing

The center provides comprehensive, on site health services to residents of the Hyatt Court, Pennington Court, Terrell Homes, and the Stephen Crane Village public housing developments in Newark. In collaboration with the school's Mobile Healthcare Project, the center offers physical exams, vaccinations, screenings, and diagnostic testing, as well as home visits to elderly or housebound residents, pregnant women, and new mothers.

#### Mobile Healthcare Project, School of Nursing

This initiative includes the New Jersey Children Health Project (NJCHP), a partnership with the Children's Health Fund that takes a fully equipped mobile health clinic to neighborhoods in

Newark and vicinity to provide primary and preventative care to medically underserved children and families. Goals of the NJCHP include ensuring that children in high-risk populations have access to primary and specialty care, mental health services, and early identification and management of chronic conditions including asthma and childhood obesity.

#### Oral Care at the School of Dental Medicine

The Rutgers School of Dental Medicine provides a full range of oral health services while training the next generation of dentists. Care is provided by dental students working under the direction of faculty members who are fully licensed dentists.

#### Student Family Health Care Center, New Jersey Medical School

The center offers free health care to the Newark community. Services include physical examinations, chronic disease management, gynecological care, and psychological counseling. All services are provided by volunteer medical students under the supervision of board-certified family physicians.

Source: http://rbhs.rutgers.edu/community.shtml

## RUTGERS UNIVERSITY - NEWARK

## **An Anchor Institution**



Investing in Synergistic Collaborations (photo by Arthur Paxton)

**Rutgers University – Newark (RU-N)** is a remarkably diverse, urban, public research university that is not just *in* Newark but *of* Newark—an anchor of our home city. The RU-N community has long recognized that our location is both a defining influence in our story and a distinctive strength. It attracts and cultivates talent on many levels, ranging from generations of students hungry for the opportunities afforded by a first-rate higher education in a major American urban

center, to faculty who vigorously embrace the opportunity to produce high-impact scholarship, and engage the community while preparing these students for professional success and informed citizenship. Our location is also a magnet for professional staff committed to advancing our research, pedagogy, and social impact within an inclusive campus culture focused on excellence.

Our campus recently completed a strategic visioning process that underscored this defining aspect of RU-N's identity, yielding a <u>strategic plan</u> that emphasizes the need to develop even more fully and purposefully our anchor institution agenda. Our work toward this end has been organized thus far under five broad areas that capture much of the scholarly expertise and civic-oriented interests in anchor institution work:

- Building Strong Educational Pathways (pre-K-16) for Increased Postsecondary
   Attainment
- Strong, Healthy, and Safe Neighborhoods
- Promoting and Leveraging the Arts and Culture
- Science and the Urban Environment
- Entrepreneurship and Economic Development
- Honors Living-Learning Community: An Option for Transfer Students

Our goal is to move away from traditional models of "public service" in which faculty and students do things for "a passive and needy public," as public historian Scott Peters has put it, and engage instead in "public work that taps and engages and develops the civic agency, talents, and capacities of everyone, inside and outside the academy." Our strategic activities in these areas already range from cross-disciplinary initiatives rooted in community, to partnerships with diverse "communities of experts," to co-created spaces in the city and region. Throughout, we seek to pool the expertise and energies of our faculty, staff, and students with those of partners from across the public, private, and nonprofit sectors.

## **Community Partnerships and Engagement**

OUCP's Community Partnerships & Engagement unit oversees programs and initiatives that create and strengthen bridges between Rutgers-Newark and the Greater Newark community. The unit brokers partnerships that help faculty, staff, and students to plan and implement community-based research initiatives. The unit also helps to connect faculty and students with service opportunities with organizations in the Greater Newark community.

Below is an overview of some of OUCP's signature community partnership programs and initiatives. For more information about these and other community engagement efforts at Rutgers-Newark, see OUCP's Community Engagement at Rutgers-Newark publication (PDF).

- America Reads/Counts
- Celebrity Reads
- Community Service Day
- Job Shadow Day
- Read Across America
- Roselle Afterschool College Readiness Program
- Rutgers-Newark Ambassadors Program
- Slam Dunk the Junk

Additionally, OUCP hosts an array of summer enrichment programs for the youth in the Greater Newark community. For more information about OUCP's Summer Academies, please click <a href="here">here</a>.

- Children's Defense Fund (CDF) Freedom Schools
- CIMIC Science and Technology Summer Camp
- Future Business Computer Institute (FBCI)
- Network For Teaching Entrepreneurship (NFTE) BizCamp
- RU Ready For Work
- RU Ready for Public/Healthcare Service Summer Program Track
- Rutgers-Merck Summer Bioethics Institute
- Sadie Nash Leadership Project
- Write on Sports

Source: http://oucp.newark.rutgers.edu/community-partnerships-engagement/

#### RUTGERS UNIVERSITY - CAMDEN

#### **Civic Engagement Programs**

Rutgers University–Camden offers **programs for the greater community** through the Office of Civic Engagement and through partners across campus in a variety of areas, including education, economic development, and law and public policy.

- Education
- Economic Development
- Law and Public Policy

#### National Leader in Civic Engagement

The Carnegie Foundation for the Advancement of Teaching has selected Rutgers University—Camden to receive its 2015 Community Engagement Classification.



#### **Education**

#### **BIZED PROGRAM**

An intensive two-week summer program for top high school students from Burlington, Camden, and Gloucester counties, this Rutgers School of Business initiative immerses teens in the principles of business and leadership through the engagement of faculty, guest speakers, field trips, and case studies.

Contact: Rutgers School of Business-Camden: bized@camden.rutgers.edu or 856-225-6800.

#### **CENTER FOR THE ARTS**

Hundreds of children and teens from across southern New Jersey nurture their appreciation of the arts through a variety of innovative education programs developed by the Rutgers—Camden Center for the Arts. These innovative arts education programs are offered in the schools, at Rutgers, or through distance learning. They build skills and abilities within various arts disciplines; foster self-awareness of individual artistic assets; augment knowledge of the arts in historical and cultural context; and much more. The RCCA also conducts projects that integrate arts into the Camden City neighborhoods.

Contact: Noreen Scott Garrity at ngarrity@camden.rutgers.edu or 856-225-6306.

#### **RUTGERS FUTURE SCHOLARS**

As part of a university-wide initiative, the Rutgers Future Scholars work with students from the Camden School District starting in the summer before they enter the eighth grade. The children become part of a unique pre-college culture of university programming, events, support, and mentoring that continues through their high school years. Students who successfully complete the pre-college initiative and are admitted to Rutgers will receive a scholarship covering the cost of their tuition for four years funded through a range of grants and donations.

Contact: Brian Phillips at brian.phillips@camden.rutgers.edu or 856-225-2330.

#### PROFESSIONAL DEVELOPMENT FOR EDUCATORS

Founded in 2001 as an initiative in Camden to provide improved early childhood education (ECE) training for childcare staff at all levels, the PDPI now is the only early childhood preparation program to provide comprehensive training, credentialing and degree programs from entry-level to master's degree professionals, and is the only ECE training and credentialing entity within New Jersey fully integrated as part of a University ECE degree program.

Contact: Ingrid Campbell at ingridc@camden.rutgers.edu or 856-225-6739.

#### **JUMPSTART**

Jumpstart is a national early education organization that recruits and trains college students to work with preschool children in low-income neighborhoods. Through a proven curriculum, these children develop the language and literacy skills they need to be ready for school, setting them on a path to close the achievement gap before it is too late. Jumpstart Corps members have the unique opportunity to inspire young children to learn, serve in the Camden community, work on a team, and build professional skills. All Corps members receive professional-caliber training to help them implement Jumpstart's outcome-based program, promote children's school success, and build family involvement.

Contact: Daysi Morales daysim@camden.rutgers.edu or 856-225-6906.

## LEAP (LEADERSHIP, EDUCATION, AND PARTNERSHIP) ACADEMY UNIVERSITY CHARTER SCHOOL

Serving 840 Camden children in grades pre-K through 12, LEAP works with Rutgers—Camden to make a profound impact on the children of our host city. Rutgers provides a host of critical services for this charter school, including security, grant administration, and information technology infrastructure.

Contact: Wanda Garcia at wandag@camden.rutgers.edu or 856-225-6903.

#### MARSHALL-BRENNAN CONSTITUTIONAL LITERACY PROJECT

Top Rutgers law students are trained to spend a full semester teaching the U.S. Constitution to Camden high school students in an effort to make the Constitution "come alive" for young people.

Contact: Prof. Jill Friedman at jillfrie@camden.rutgers.edu or 856-225-6263.

#### PARENTS ACADEMY FOR SCHOOL REFORM

Offered through the Rutgers–Camden Community Leadership Center, this initiative helps parents become more effective participants in the overall educational development of their children by increasing parenting skills and designing a training framework that sustains parental engagement in public schools.

Contact: Stephanie Rogers at <a href="mailto:swr@camden.rutgers.edu">swr@camden.rutgers.edu</a> or 856-225-6902.

#### TEACHER DEVELOPMENT AND PERFORMANCE INSTITUTE

Offered through the Rutgers–Camden Community Leadership Center, this initiative improves overall school performance and student achievement through professional development and capacity building for faculty and school administrators. Since 2000, TDPI has served 27 schools and 178 teachers and administrators.

Contact: Wanda Garcia at wandag@camden.rutgers.edu or 856-225-6348.

#### STREET LAW PROJECT

Rutgers Law students provide practical law-related education to hundreds of disadvantaged young people each semester in schools, detention centers, shelters, and elsewhere in Camden and its vicinity.

Contact: Prof. Jill Friedman at jillfrie@camden.rutgers.edu or 856-225-6263.

#### Economic Development

#### OFFICE OF ECONOMIC DEVELOPMENT

The Office of Economic Development seeks to develop opportunities to engage new audiences in the growth of our host city, and to increase Rutgers–Camden's services to the State of New Jersey and the City of Camden.

**Contact**: Greg Gamble at <a href="mailto:gambleg@camden.rutgers.edu">gambleg@camden.rutgers.edu</a> or 856-225-6388.

#### RUTGERS-CAMDEN SMALL BUSINESS DEVELOPMENT CENTER

As part of a statewide network, this Rutgers–Camden center helps new and potential small business owners to grow enterprises in Burlington, Camden, Gloucester, and Salem counties through free and low-cost programs.

Contact: Bob Palumbo at rfp21@camden.rutgers.edu or 856-225-6221.

#### RUTGERS-CAMDEN TECHNOLOGY CAMPUS, INC.

This business incubator is attracting new businesses to Camden where, upon "graduating" from the incubator, Rutgers encourages them to remain in the city or in New Jersey. The incubator serves dozens of emerging companies that are creating well-paying jobs.

Contact: Suzanne Zammit at suzannez@camden.rutgers.edu or 856-479-9010.

#### **EXECUTIVE EDUCATION**

Rutgers IMED provides various educational opportunities to the businesses and individuals of Camden and the surrounding area. Focusing on management education Rutgers IMED provides online workforce development in association with New Jersey One-Stop Career center to provide training to the unemployed.

Contact: Ray Compari at rcompari@camden.rutgers.edu or 856-225-6685.

#### **VOLUNTEER INCOME TAX ASSISTANCE PROJECT**

Offered through the Rutgers Law School, this project provides free assistance for low-income residents seeking help in filing New Jersey and federal tax returns.

Contact: Prof. Pam Mertsock-Wolfe at pmertsoc@camden.rutgers.edu or 856-225-6406.

#### Law and Public Policy

#### SENATOR WALTER RAND INSTITUTE FOR PUBLIC AFFAIRS

Connecting Rutgers throughout southern New Jersey, the Rand Institute engages Rutgers—Camden faculty and students with public administrators, elected officials, nonprofit organizations, and community leaders to address the real-world challenges that shape the lives of state citizens. The Rand Institute offers high-quality policy research; timely technical assistance; and neutral convening of stakeholders and citizens.

Contact: Dr. Gwendolyn Harris at glharris@camden.rutgers.edu or 856-225-6566.

#### **CHILDREN'S JUSTICE CLINIC**

An initiative of the Rutgers Law School, this holistic lawyering program uses multiple strategies and interdisciplinary approaches to resolve problems for Camden youth facing juvenile delinquency charges. Rutgers law students primarily provide legal representation in juvenile court hearings.

Contact: Prof. Sandra Simkins at ssimkins@camden.rutgers.edu or 856-225-6425.

#### CHILD AND FAMILY ADVOCACY CLINIC

This Rutgers—Camden legal clinic represents children in child abuse and neglect cases in Family Court in Camden, and represent children in administrative hearings and proceedings regarding public benefits, education, immigration, medical and mental health issues.

Contact: Prof. Meredith Schalick at <a href="mailto:schalick@camden.rutgers.edu">schalick@camden.rutgers.edu</a> or 856-225-2321.

#### CIVIL PRACTICE CLINIC

A range of legal support services for Camden residents is offered through this Rutgers Law School program.

Contact: Tracy Overton, Esq. at overton@camden.rutgers.edu or 856-225-6525.

#### **DOMESTIC VIOLENCE CLINIC**

The Domestic Violence Clinic provides legal advice and representation to people seeking domestic violence restraining orders in Camden County and occasionally in Burlington and Gloucester counties.

Contact: Prof. Victoria Chase at vlchase@camden.rutgers.edu or 856-225-2773.

#### PRO BONO BANKRUPTCY PROJECT

In this program, Rutgers–Camden law students partner with practicing bankruptcy attorneys to prepare filings in Chapter 7 bankruptcy cases, giving clients a fresh start.

Contact: Prof. Pam Mertsock-Wolfe at pmertsoc@camden.rutgers.edu or 856-225-6406.

#### PRO BONO FINANCIAL LITERACY PROJECT

Through this project, Rutgers law students visit Camden high schools and other sites to teach children and teens about credit, debt, and budgeting.

Contact: Prof. Jill Friedman at <a href="mailto:jillfrie@camden.rutgers.edu">jillfrie@camden.rutgers.edu</a> or 856-225-6263.

#### PRO BONO MEDIATION PROJECT

Trained Rutgers law students help to facilitate dispute resolutions.

Contact: Prof. Pam Mertsock-Wolfe at <a href="mailto:pmertsoc@camden.rutgers.edu">pmertsoc@camden.rutgers.edu</a> or 856-225-6406.

#### **CAMDEN CORPORATION WATCH**

Rutgers collaborates closely with the city's law enforcement agencies, including the Camden Police Department, the Camden County Prosecutor's Office, and the U.S. Attorney's Office, to promote interagency cooperation.

Source: http://www.camden.rutgers.edu/civic-engagement/programs

# Rutgers, The State University of New Jersey Institutional Profile Report

Section I

Major Capital Projects

Prepared for the

Committee on Finance and Facilities

Board of Governors

# Status of Significant Projects

September 20, 2017



Antonio M. Calcado

Executive Vice President

Strategic Planning and Operations & Chief Operating Officer

#### Table of Contents

	E	Budget	Page	Project Type
New Brunswick				
@ Busch				
1. Chemistry & Chemical Biology Building	\$	115 M	4	Teaching/Research
2. Busch Campus Infrastructure	\$	15 M	5	Infrastructure
3. Richard Weeks Hall of Engineering	\$	84 M	6	Teaching/Research
4. Waksman Institute of Microbiology Third Floor Addition	\$	9 M	7	Teaching/Research
5. Busch Livingston Co-Generation Plant Upgrades	\$	30 M	8	Infrastructure
@ College Avenue				
6. New Brunswick Performing Arts Center	\$	17 M	9	Teaching/Research
o. They Bruiswick Performing this center	Ψ	17 141		reaching, research
@ Cook				
7. Administrative Services Building III Repurposing	\$	12 M	10	Teaching/Research
<ul><li>@ Livingston</li><li>8. RWI Barnabas Health Athletic Performance Center</li></ul>	¢	115 M	11	Athletics
8. RWJ Barnabas Health Athletic Performance Center	\$	113 111	11	Auneucs
New Brunswick Total	\$ 3	97.0 M		
Camden				
	0	2 F M	1.2	Tl.: /Dl.
9. Artis Building Renovation		3.5 M	12	Teaching/Research
Camden Total	\$	3.5 M		
Newark				
10. Life Science Building, Phase II	\$	59 M	13	Teaching/Research
11. Honors Living Learning Community	\$	81 M	14	Campus Life
12. Olson Hall Laboratory Renovation	\$	10 M	15	Teaching/Research
Newark Total	\$	150 M		8
Rutgers Biomedical & Health Sciences				
@ Piscataway				
13. Research Tower Vivarium Improvements	\$	5 M	16	Teaching/Research
AND Property				
@ New Brunswick	e	17 M	17	Too shing / Doggonsh
14. Clinical Academic Building (CAB) 7 <sup>th</sup> Floor Renovation	\$	17 M	1 /	Teaching/Research
@ Newark				
15. School of Dental Medicine Laboratory Renovation	\$	16 M	18	Teaching/Research
16. School of Dental Medicine Oral Health Pavilion Central	\$	5.6 M	19	Teaching/Research
Sterilization Facility Fit-Out				

17. Newark RBHS Co-Generation Plant Upgrades \$ 44.5 M 20 Infrastructure Rutgers Biomedical & Health Sciences \$ 88.1 M

Project Total University Wide \$ 638.6 M

Completed Projects Since 2006 21

#### Capital Projects at Rutgers, the State University of New Jersey



#### New Brunswick

#### @ Busch

#### 1. Chemistry & Chemical Biology Building

#### Teaching/Research







#### Key Information:

Cost: \$115 M

#### Dates:

CPAC Approval Date: January 13, 2013 BoG Approval Date: February 28, 2013 Anticipated Completion Date: Fall 2017

#### Design & Construction Status:

Construction underway, 92% complete

#### Project Description

Establish a world-class state-of-the art Chemistry and Chemical Biology facility to serve and train the next generation of globally-engaged scientists and support the needs of the chemical industry in New Jersey and beyond.

This 141,000 gross square foot facility will feature flexible research laboratory areas for teaching/teaching support, classrooms and collaborative and administration space.

#### 2. Busch Campus Infrastructure

#### Infrastrustrue





Key Information:

Cost: \$15 M

Date:

Anticipated Completion Date: 2018

Design # Construction Status:

Construction underway, 50% complete

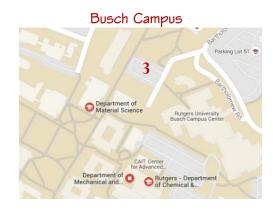
#### Project Description

Upgrade obsolete and inadequate utilities, roadways, walkways to support the continued growth of the Busch Campus, of which include the new Chemistry and Chemical Biology Building and Richard Weeks Hall of Engineering facilities.

#### 3. Richard Weeks Hall of Engineering

#### Teaching/Research







#### Key Information:

Cost: \$84 M

Dates:

CPAC Approval Date: May 18, 2015 BoG Approval Date: June 18, 2015 Anticipated Completion Date: Summer 2019

Design & Construction Status:

Construction underway, 20% complete

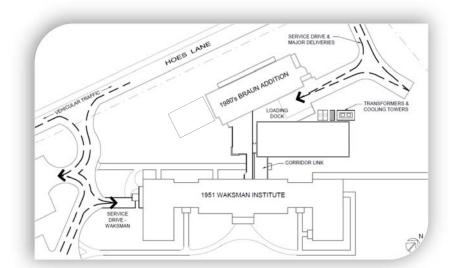
#### Project Description

Establish a world-class state-of-the art and signature "Engineering Gateway" facility. This building will support the efforts of research enterprises, assert its commitment to sustainability and cross-disciplinary engineering collaborations.

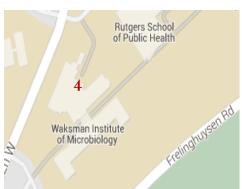
This 104,000 square foot facility will feature an advanced infrastructure of classrooms, laboratories, and common space to facilitate key research and educational advancements.

#### 4. Waksman Institute of Microbiology Third Floor Addition

#### Teaching/Research



#### Busch Campus





#### Key Information:

Cost: \$9 M

#### Dates:

CPAC Approval Date: Not Applicable BoG Approval Date: October 5, 2015, Increased budget BoG Approval Date:

January 25, 2017

Anticipated Completion Date: Spring 2019

#### Design & Construction Status:

Design underway

#### Project Description

This project represents an addition to the Waksman Institute of Microbiology. The 10,500 gross square foot addition will feature a state of the art laboratory and research space.

This space will house both wet and dry laboratories, associated support space, conferencing space, administrative offices, a collaborative break room.

#### 5. Busch Livingston Co-Generation Plant Upgrades

#### <u>Infrastructure</u>



#### Busch Campus



#### Key Information:

Cost: \$30 M

#### Dates:

BoG Approval Date: April 6, 2017

Anticipated Completion Date: Summer 2019

#### Design & Construction Status:

Design Underway

#### Project Description

This project includes replacement of the three aging turbines with a capacity increase of at least 2.8 MW will improve reliability and efficiency, reduce energy costs, reduce emissions, and produce energy credits. The new equipment would eliminate the use of 8,000,000 gallons of water per year, much of which is discharged to sanitary sewers. The project will also include various other electrical and mechanical upgrades.

#### College Avenue

#### 6. New Brunswick Performing Arts Center

Teaching/Research



#### College Avenue





#### Key Information:

Cost: \$17 M

#### Dates:

BoG Approval Date: April 6, 2017 Anticipated Completion Date: Summer 2019

Design & Construction Status:

Development underway

#### Project Description

The project includes the development of two (2) state-of-the-art theater spaces, dedicated rehearsal studios, academic, and office space. Atop this new theater complex, will be a tower which will provide 250 residential apartments. The initiative will also include the construction of a new 400 car parking facility on Bayard Street. The 450,000 square foot project will develop on the site of the existing George Street Playhouse and Crossroads Theater located on Livingston Avenue in downtown New Brunswick, and the associated garage will be built on an existing surface parking lot on Bayard Street currently owned by the NB Cultural Center and TD Bank.

Rutgers will participate in a co-ownership lease of approximately 60,000 theater space.

#### Cook

#### 7. Administrative Services Building III Repurposing

Teaching/Research





#### Key Information:

Cost: \$ 12 M

Dates:

BoG Approval Date: April 6, 2017 Anticipated Completion Date: Fall 2018

Design # Construction Status:

Design underway

#### Project Description

The Administrative Services Building III, which is currently underutilized and mostly vacant, would be transformed into the new and permanent home of the Division of Continuing Studies, centering the core of continuing education to one flagship building for offices and training services.

The project will provide for 9 classrooms on the first floor with a total occupancy of 270 students. The second floor will provide space for 6 classrooms including a computer lab and a recording studio. The 6 classrooms will accommodate 130 faculty participants. The second floor will have large and small conference areas throughout, as well as huddle rooms.

#### Livingston

#### 8. RWJ Barnabas Health Athletic Performance Center

**Athletics** 





#### Key Information:

Cost: \$ 115 M

Dates:

BoG Approval Date: April 6, 2017

Anticipated Completion Date: Summer 2019

Design & Construction Status:

Construction Contract Bid Underway

#### Project Description

The RWJ Barnabas Health Athletic Performance Center is the first major initiative to be realized from the Athletics component of the Rutgers 2030 Physical Master Plan. The 125,000 gsf 4 story building will provide a state-of-the-art practice facility for Men's \$ Women's Basketball, Gymnastics, and Wrestling. The building will also include spaces for strength and conditioning, nutrition, coaches' offices, and other spaces to support the athletic programs housed in the building. A 'Hall of Fame', spirit shop, and training table will operate off the main public entry lobby.

The parking structure will consists of six (6) level precast structure that will occupy a footprint of approximately 28,000 square feet along the project's Road E frontage. Approximately 555 parking spaces will be provided.

#### Camden

#### 9. Artis Building Renovation

Teaching/Research



#### Camden Campus



#### Key Information:

Cost: \$3.5 M

#### Dates:

CPAC Approval Date: Not Applicable
BoG Approval Date: September 21, 2016
Anticipated Completion Date: Summer 2018

#### Design & Construction Status:

Design Underway

#### Project Description

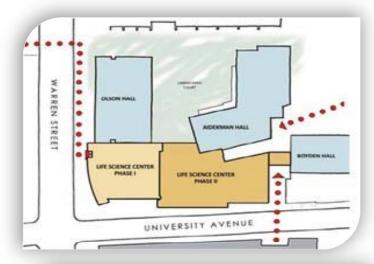
This project involves the renovation of two adjoining row houses on Cooper Street, built circa 1850, totaling approximately 13,000 gross square feet. This project will the centralize the Department of Childhood Studies.

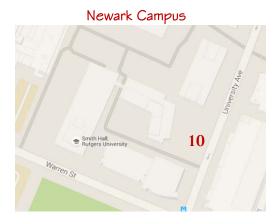
The project includes significant interior renovation and the required infrastructure work to provide space for offices, conference and seminar rooms, a computer lab, lounge space, and support spaces for faculty, staff, and students.

#### Newark

#### 10. Life Science Building, Phase II

#### Teaching/Research







#### Key Information:

Cost: \$59 M

Dates:

CPAC Approval Date: January 14, 2013 BoG Approval Date: February 28, 2015 Anticipated Completion Date: Spring 2018

#### Design & Construction Status:

Construction underway, 85% complete

#### Project Description

This project creates a Life Sciences Center that physically links existing facilities and provides opportunities for synergy among all Life Science departments by creating shared cored functions, flexible research space for both existing and potential future programs and academic support spaces for all disciplines.

Features include the expansion of the imaging suite and vivarium facilities. This 87,000 gross square foot building will be occupied by the Biology, Chemistry and Neuroscience departments.

#### 11. Honors Living Learning Community

#### Campus Life





#### Newark Campus



#### Key Information:

Cost: \$81M

#### Dates:

CPAC Approval Date: Not Applicable BoG Approval Date: September 21, 2016 Anticipated Completion Date: Summer 2019

#### Design & Construction Status:

Construction Underway, 5% complete

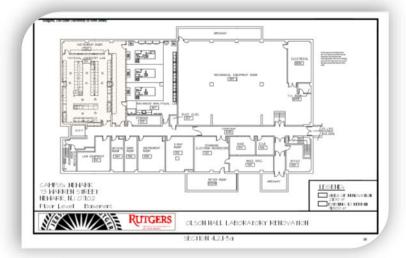
#### Project Description

This project involves the creation of a state-of-the-art facility with residential, amenity, and academic spaces that will house almost 400 talented diverse undergraduate student cohort that will include, but not limited to, veterans, older students, transfer students, and first-generation college student.

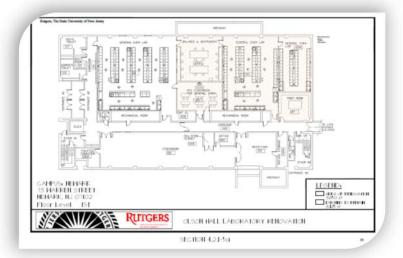
The I 55,000 gross square foot, 5 story building will be located within the James Street Commons Historic District and will feature mixed-usage to include; Academic spaces, student support functions, HLLC departmental offices, long-term bicycle storage, parking for 322 vehicles and 20,000 square feet for retail establishments.

#### 12. Olson Hall Laboratory Renovation

#### Campus Life







#### Key Information:

Cost: \$10 M

#### Dates:

CPAC Approval Date: Not Applicable BoG Approval Date: September 21, 2016 Anticipated Completion Date: Fall 2019

#### Design & Construction Status:

Design underway

#### Project Description

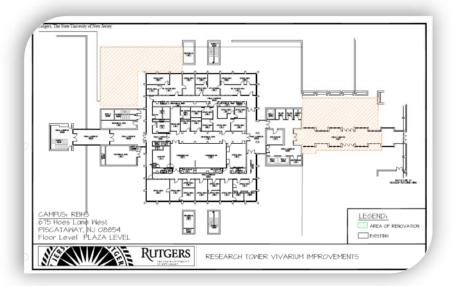
This project involves the renovation of a 6,000 square feet of laboratory space, providing upgraded teaching labs and support spaces that meet today's safety standard and pedagogical needs.

Additionally, the infrastructure work will include upgrading HVAC and controls.

# Rutgers Bio Medical and Health Sciences @ Piscataway

#### 13. Research Tower Vivarium Improvements

Teaching/Research





#### Key Information:

Cost: \$5 M

#### Dates:

BoG Approval Date: September 21, 2016 Anticipated Completion Date: Summer 2018

#### Design & Construction Status:

Design underway

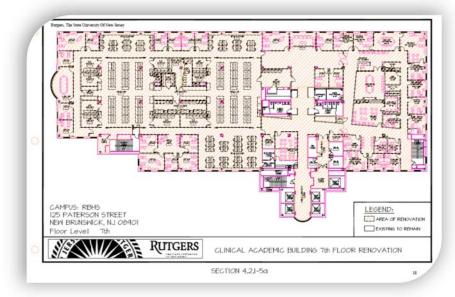
#### Project Description

The project will provide significant benefit to the researchers of both RBHS and Rutgers-NB by providing significantly improved research facilities. Improvements will include upgraded procedure spaces, upgraded zoned control HVAC system, electrical upgrades, envelope waterproofing integrity improvements, and interior finish work.

## Rutgers Bio Medical and Health Sciences @ New Brunswick

#### 14. Clinical Academic Building (CAB) 7th Floor Renovation

Teaching/Research





#### Key Information:

Cost: \$17 M

#### Dates:

BoG Approval Date: September 21, 2016 Anticipated Completion Date: Summer 2018

#### Design & Construction Status:

Construction underway, 15% complete

#### Project Description

The project represents a renovation of an entire floor, 24,000 square foot, (plus infrastructure) of the CAB to provide administrative and laboratory space for the RWJMS Department of Medicine as well as a new model for medical research at RBHS. A flexible, open lab model will be put into place, providing for visibility, collaboration, and interaction among administrators, clinicians, residents and researchers.

The space will house laboratories, lab support, research and departmental offices; and graduate student and post-doctorate tech spaces.

## Rutgers Bio Medical and Health Sciences @ Newark

#### 15. School of Dental Medicine Laboratory Renovation

Teaching/Research



#### Newark Campus



#### Key Information:

Cost: \$16 M

Dates:

BoG Approval Date: February 28, 2013 Anticipated Completion Date: Spring 2018

Design & Construction Status:

Construction underway, 75% complete

#### Project Description

Renovations will occur in two SDM laboratories; two adjoining building, the Medical Science Building and the Bergen Street Pavilion.

A total of 3,406 square foot will be renovated in the Medical Science Building to house school's Center for Pharmacogenomics and Complex Disease Research. This center uses modern genomics technologies to research the genomic basis of disease and the genomic basis for drug actions and will be utilized by graduate and postdoctoral fellows.

The Bergen Street Pavilion will be renovated to house a flexible laboratory consisting of 19,394 square foot. The research laboratories will be expanded and reconfigured to accommodate the Center for Oral Infectious Disease, oral biology, orofacial pain and periodontal disease researchers.

#### 16. School of Dental Medicine Oral Health Pavilion Central Sterilization Facility Fit-Out

Teaching/Research



#### Newark Campus



#### Key Information:

Cost: \$5.6M

Dates:

BoG Approval Date: June 18, 2015 Anticipated Completion Date: Fall 2017

Design & Construction Status:

Construction underway, 90% complete

#### Project Description

The existing Central Sterilization Facility is located in the School of Dental Medicine's (SDM) Bergen Street Pavilion on the "D" Level. The new Central Sterilization Facility is expected to be constructed in the Oral Health Pavilion on the A-Level. The new facility will be approximately 4,100 gsf. The new space will consist of a Decontamination Room, Prep Pack Room and Sterile Storage Room. The equipment will include Ultrasonic Cleaners, Steam Sterilizers, Cart Washers and Utensil Washers and will serve the entire SDM. This 104,000 sq. ft. facility will feature an advanced infrastructure of classrooms, laboratories, and common space to facilitate key research and educational advancements.

#### 17. Newark RBHS Co-Generation Plant Upgrades

#### Teaching/Research





#### Key Information:

Cost: \$44.5M

Dates:

BoG Approval Date: April 6, 2017

Anticipated Completion Date: Summer 2019

Design & Construction Status:

A/E selection underway

#### Project Description

The replacement of the three aging turbines with a capacity increase of at least 2.8 MW will improve reliability and efficiency, reduce energy costs, reduce emissions, and produce energy credits. The new equipment would eliminate the use of 3,400,000 gallons of water per year, much of which is discharged to sanitary sewers. The project will also include various other electrical and mechanical upgrades.

#### Completed Projects Since 2006

Busch Campus   2006   1.   Bio Medical Engineering Building   \$ 33.50				Dollars	Dollars in Millions			
2007   2.   Keck Neuroscience Center   \$ 2.40	Busch Ca	mpus						
2007   3. Wright Rieman Polymer & Protein Wet Lab, Room 371   \$ 3.00	2006	1.	Bio Medical Engineering Building	\$	33.50			
2009	2007	2.	Keck Neuroscience Center	\$	2.40			
2009   5.   University Visitor Center   \$ 7.54	2007	3.		\$	3.00			
2010   6.   Brown Welcome Pavilion & Football Recruiting Lounge   \$ 4.88	2009	4.	Stadium Expansion	\$	102.00			
2010   7.   Cell DNA Repository   \$ 3.75	2009	5.	University Visitor Center	\$				
2011   8. University Housing   \$ 57.00	2010	6.	Brown Welcome Pavilion & Football Recruiting Lounge	\$	4.88			
2011   9.   Center for Integrative Proteomics Research   \$ 47.00	2010	7.	1 ,	\$	3.75			
2013   10.   Nelson Biology Laboratories C-Wing Renovation   \$ 10.80	2011	8.	University Housing	\$	57.00			
2013   11.   Infrastructure Improvements Project   \$ 10.00	2011	9.	Center for Integrative Proteomics Research	\$	47.00			
Camden Campus	2013	10.	Nelson Biology Laboratories C-Wing Renovation	\$	10.80			
Camden Campus   2007   13.   Camden Dinning Hall Renovation   \$ 5.30   2009   14.   Camden Law School   \$ 37.00   2009   15.   Camden Recreation Center   \$ 12.00   2011   16.   Early Learning Research Academy (ELRA)   \$ 3.90   2012   17.   Camden Student Housing Project   \$ 55.00   2016   18.   Writers House   \$ 4.50   2016   19.   Alumni House & Development Office   \$ 2.50   2017   20.   Nursing and Science Building   \$ 62.50   2017   20.   Nursing and Science Building   \$ 10.00   2009   22.   Student Counseling Center   \$ 5.00   2010   23.   Institute for Health Sciences   \$ 25.00   2012   24.   Gateway Transit Village   \$ 19.60   2015   25.   Bishop Quad Residence Upgrade   \$ 13.00   2015   26.   Seminary & Associated Property Development   \$ 85.00   2015   26.   Seminary & Associated Property Development   \$ 208.00   \$ 10.00   2009   27.   Seminary & Associated Property Development   \$ 208.00   \$ 2016   27.   Seminary & Associated Property Development   \$ 208.00   \$ 2016   27.   Seminary & Associated Property Development   \$ 208.00   \$ 2008   28.   Endocrine Research Facility   \$ 4.50	2013	11.	Infrastructure Improvements Project	\$	10.00			
2007   13.   Camden Dinning Hall Renovation   \$ 5.30	2017	12.	Marco Battaglia Football Practice Complex	\$	8.50			
2007   13.   Camden Dinning Hall Renovation   \$ 5.30	Camden	Campus	5					
2009		_		\$	5.30			
2011 16. Early Learning Research Academy (ELRA) \$ 3.90 2012 17. Camden Student Housing Project \$ 55.00 2016 18. Writers House \$ 4.50 2016 19. Alumni House & Development Office \$ 2.50 2017 20. Nursing and Science Building \$ 62.50  College Avenue Campus  2008 21. College of Nursing \$ 10.00 2009 22. Student Counseling Center \$ 5.00 2010 23. Institute for Health Sciences \$ 25.00 2012 24. Gateway Transit Village \$ 19.60 2015 25. Bishop Quad Residence Upgrade \$ 13.00 2015 26. Seminary & Associated Property Development \$ 85.00  ■ The Honors College 2016 27. Seminary & Associated Property Development \$ 208.00  ■ Academic Building ■ The Yard  Cook Campus 2008 28. Endocrine Research Facility \$ 4.50	2009	14.	e	\$	37.00			
2012   17.   Camden Student Housing Project   \$ 55.00	2009	15.	Camden Recreation Center		12.00			
2012   17.   Camden Student Housing Project   \$ 55.00	2011	16.	Early Learning Research Academy (ELRA)	\$	3.90			
2016   18. Writers House   \$ 4.50	2012	17.	· · · · · · · · · · · · · · · · · · ·	\$	55.00			
2017   20. Nursing and Science Building   \$ 62.50	2016	18.	<u> </u>	\$	4.50			
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2008 28. Endocrine Research Facility \$ 4.50								
2008 28. Endocrine Research Facility \$ 4.50	Cook Campus							
· ·			Endocrine Research Facility	\$	4.50			
		29.	•	\$	55.00			

	Douglass C	ampus							
	2008	30.	Douglass Developmental Disabilities Center	\$	4.00				
	2013	31.	Robert E. Mortensen Hall, Music & Dance Wing	\$	12.50				
	2016	32.	Kathleen W. Ludwig Global Village Living Learning Center	\$	11.50				
Livingston Campus									
	2009	33.	Livingston Solar Energy Project	\$	10.00				
	2010	34.	Livingston Student Center	\$	18.20				
	2011	35.	Livingston Dining Commons	\$	30.50				
	2012	36.	University Housing	\$	215.00				
	2013	37.	Solar Canopy Project	\$	40.80				
	2013	38.	Livingston Business School	\$	85.00				
	2013	39.	Tillett Classroom Renovations	\$	13.50				
	2013	40.	Livingston Campus Infrastructure	\$	10.00				
	2013	41.	7 Kilmer Road	\$	3.50				
	2016	42.	Baseball/Softball Practice Facility	\$	3.25				
	Newark Ca	mpus							
	2009	43.	Rutgers Business School	\$	83.00				
	2010	44.	Life Sciences - Olson Hall	\$	5.36				
	2012	45.	Central Heating Plant Upgrade	\$	3.70				
	2015	46.	Student Housing at 15 Washington Street	\$	85.00				
	2016	47	Redevelopment of the Hahnes & Co. Department Store	\$	25.00				
	2017	48.	Business School	\$	11.00				
	Health Scie								
	2015	49.	School of Health Related Professions Clinical Lab Renovation	\$	4.03				
	2016	50.	School of Dental Medicine Oral Health Pavillion C Level Fit-Out	\$	13.50				
	2017	51.	RBHS Site Wide Campus Network Protectors Replacement	\$	5.00				
	2017	52.	Pharmacy Building Expansion	\$	37.50				
	Outlying								
	2006	53.	Multi-Species Aquaculture Demonstration Facility	\$	7.80				
	2008	54.	Food Innovation Center	\$	7.65				
	2012	55.	Atlantic Cape Community College Facility	\$	7.50				
	**	* *1							
	University			_	10.50				
	2009	56.	High Voltage Substation Upgrade: Phase 1	\$	10.50				
	2010	57.	Interior Lighting Retrofit Program	\$	5.00				
	2011	58.	High Temp Hot Water Improvements	\$	8.00				
Campus Wida									
	Campus W		Classes am Enhangement	ø	15.00				
	2011	59.	Classroom Enhancement	\$	15.00				

22

\$ 1,690.46

Total

# Rutgers, The State University of New Jersey Institutional Profile Report

Section J

Great Things To

Know About Rutgers



500 global partners

scholars



million in researd



Great things to know about



# Our Reputation

Rutgers stands among the most esteemed public research universities in the United States and the world. Rankings by international organizations consistently place Rutgers among the top 100 global universities; in U.S. rankings, Rutgers is a top 25 national public research institution; and in New Jersey, Rutgers holds the distinction of being the number one public research university.



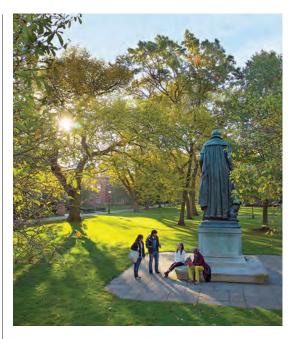
# **TOP** 100

# Universities in the World

- Shanghai Ranking (China) Academic Ranking of World Universities
- Center for World University Rankings (Saudi Arabia)
- U.S. News & World Report, Best Global Universities

# \$1.037 billior

Rutgers' record-shattering \$1.037 billion Our Rutgers, Our Future fundraising campaign was made possible by 130,000+ donors—including 70,000+ alumni—whose contributions are an affirmation of Rutgers' excellence.



# **Top 25**

#### **Public Universities in the Nation**

- U.S. News & World Report, Best Colleges, National Universities
- Wall Street Journal/Times Higher Education, College Rankings
- USA Today/College Factual, Best Colleges
- Forbes, Best Value Colleges
- Washington Monthly, College Guide and Rankings

# #1 in New Jersey

In New Jersey, U.S. News & World Report ranks Rutgers the

- #1 public national university
- #1 public national university, high school counselor rankings
- **#1** public national university, freshman retention rate
- **#1** public national university, veterans
- #1 public national university, undergraduate engineering



# **Best** for **Vets**

Military Times magazine, in its annual Best for Vets survey, ranks Rutgers 2nd among U.S. four-year institutions for student veterans services.

# Top 5

# Public Universities in the Northeast

- U.S. News & World Report
- Wall Street Journal/Times Higher Education
- Forbes, Best Value Colleges



# **3** for **3**

#### Rutgers Business School

#3 in the New York/New Jersey metro region, full-time MBA, U.S. News & World Report

#### School of Social Work

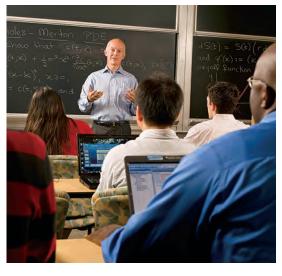
#3 in the nation, Social Work, USA Today/College Factual, Best Colleges, Majors

#### School of Arts and Sciences

#3 in the world, Philosophy, QS World Subject Rankings

#### Big Ten Academics

Rutgers is a member of the prestigious Big Ten Academic Alliance, the academic counterpart of the Big Ten athletic conference. Members are 14 top-tier American universities who are all members of the Big Ten.



#### 25+ Programs in Top 25\*

African-American History • Agriculture and Forestry • Biology • Computer Information Systems • Condensed Matter Physics • Criminology • Drama • English • Fine Arts • Gender and Literature • History • Industrial Engineering • Information Science

- Journalism Library and Information Studies Mathematics
- Music Nursing Painting and Drawing Pharmacy and Pharmacology Philosophy Physician Assistant Psychology
- Public Affairs Management Administration Social Work Supply Chain Logistics Urban Planning Women's History (\*Various guides and rankings)

Rutgers Financial Whizzes Beat Ivy League Teams to Win Championship "Standing in the

"Standing in the boardroom where top economists chart the nation's financial future, a team of Rutgers students beat out competition from Princeton and Dartmouth to win one of the nation's most prestigious economic competitions."

—NJ.com, December 2, 2016, on Rutgers students winning the 13th annual College Fed Challenge



### Our Students

Our amazing students are smart, driven, diverse, and down-to-earth. Few universities, if any, do better than Rutgers in producing academic scholarship that is both highly regarded and practically useful, while also providing educational opportunity to a student body that is so economically and ethnically diverse.



A double major in electrical and computer engineering and computer science, Rutgers University–New Brunswick honors student Revan Sopher built an impressive résumé. He was a NASA New Jersey Space Grant Consortium fellow and developed software at massive open online course startup Coursera as a fellow at Silicon Valley venture capital giant

Our 68.900 students come from every state in the nation and more than 120 countries.

#### **The Bright Side**

The mean SAT score (2,400point scale) for incoming first-year students at Rutgers University-New Brunswick exceeds the national and New Jersey averages by about 300 points.



#### **Diversity University**

- U.S. News & World Report consistently ranks Rutgers University— Newark among the most diverse universities in the nation.
- Rutgers University–Newark is one of 26 schools in the nation that are the best at improving graduation rates for underrepresented minority students. -The Education Trust
- Campus Pride: Top 30 LGBTQ-Friendly Colleges and Universities, Rutgers University-New Brunswick
- Diverse Issues in Higher Education: Five Colleges That Excel at Multicultural Recruiting



## Goldwater **Scholars**

Four outstanding undergraduate researchers earned prestigious Barry M. Goldwater Scholarships in 2015. Clockwise from top left, Margaret Morash (cellular mutations and genetic diseases), Aditya Parikh (ion collisions at the Large Hadron Collider), Alina Afinogenova (proteins and neurological disorders), and Varun Arvind (stem cells and bone tissue).

# Top 20 for Fulbrights

Students earning Fulbright Scholarships for 2015–2016 placed Rutgers in the top 20 among national public research universities.



Nearly a third of Rutgers first-year students are the first in their families to attend college.

## 1,000 of America's Best

Rutgers' nearly 1,000 incoming university merit scholars are from towns throughout New Jersey and nearly 30 states including California, Florida, Illinois, New York, Pennsylvania, and Texas.



#### **Going Places: Recent Grads**

**HIRED BY** Adobe • Amazon • Apple • Bloomberg LP • Citigroup • Deloitte • Disney • DuPont • Facebook • Google • Johnson & Johnson • JPMorgan Chase • LinkedIn • NBC/Universal • Novo Nordisk • Prudential • Riot Games • Sloan Kettering • Verizon

**ATTENDING GRADUATE SCHOOL** Brown • Columbia • Georgetown • Harvard • Rockefeller University • Rutgers • Stanford • University of Michigan • University of Oxford • University of Pennsylvania • Yale

**MEDICAL RESIDENCY MATCHES** Baylor • Columbia • Einstein/Montefiore • Harvard • Johns Hopkins • Massachusetts General • Rutgers • UCLA • University of Pennsylvania • Weill Cornell • Yale New Haven



#### **Competition Winners**

**POINT MADE** Rutgers University–New Brunswick Debate Union: #8 in the nation in American Parliamentary Debate Association 2015–2016 ranking. Rutgers University–Newark Debate Team, above: #10 in the nation in Cross Examination Debate Association 2015–2016 ranking.

**MAKING DREAMS COME TRUE** Three Rutgers School of Business–Camden students won highly competitive 2015 Disney College Program internships.

**SUPPLY OF TALENT** In 2015, Rutgers Business School–Newark and New Brunswick students won the national Institute for Supply Management's Annual Indirect Procurement Case Competition for the second consecutive year.

#### Rutgers program honored as "Bright Spot in Hispanic Education"

—Under the White House Initiative on Educational Excellence for Hispanics, the Rutgers-led Garden State Louis Stokes Alliance for Minority Participation was designated a "Bright Spot in Hispanic Education" in 2015 for "helping to close the achievement gap in STEM fields."

7,000

Each year, more than 7,000 international students from 120-plus countries—from Afghanistan to Zimbabwe—study at Rutgers and 1,400+Rutgers students study abroad in and travel to more than 70 countries.

#18

Rutgers is 18th in the nation in the National Science Foundation's ranking of baccalaureate schools of origin for students earning science and engineering doctorates.

# **Top 15**

Rutgers is a U.S. Department of Education top 15 public school, recognized for its high graduation rates and alumni success in finding good-paying jobs.

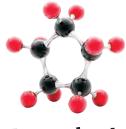
#### Our Faculty

The work of our excellent faculty—consummate teachers, researchers, and practitioners—is recognized and supported by the most esteemed academies, agencies, associations, and foundations in the nation. The students they teach and mentor become the nimble and creative workforce our nation needs. Their research, teaching, and scholarly influence make Rutgers an agent of change in New Jersey and the world.



## World Class

U.S. News & World Report: **Best Global Universities** Ranking in the top 100 global universities by field of study reflects faculty excellence Agricultural Sciences • Arts and Humanities • Biology and Biochemistry • Chemistry • Computer Science • Economics and Business • Environment/ Ecology • Geosciences • Mathematics • Microbiology • Neuroscience and Behavior • Pharmacology and Toxicology • Physics • Plant and Animal Science • Social Sciences and



Public Health

#### America's Top Scientists

Ten Rutgers professors were named 2016 fellows of the American Association for the Advancement of Science, whose members advance science and are distinguished among their peers.



#### **Game Changers**

RUTGERS FACULTY WIN TOP AWARDS FOR PIONEERING ACHIEVEMENTS

- Stockholm Prize in Criminology: **Ronald Clarke**, for developing the innovative theory of situational crime prevention.
- Shaw Prize in Mathematical Sciences: **Henryk Iwaniec**, for introducing and developing fundamental tools in number theory that allow longstanding classical problems to be resolved.
- Congressional Black Caucus Foundation Lifetime Achievement Award in Fine Arts: Tayari Jones, for "her brilliant literary contributions."
- French Académie des Sciences Grande Médaille: **Joel Lebowitz**, for his status as a grand master of statistical physics and a major figure in the fight for human rights.
- Robert Wood Johnson Foundation Investigator Award: Professor and alumna Margaret Marsh, above, for research in infertility and assisted reproduction.
- American Academy of Pediatrics Committee on Pediatric AIDS Lifetime Achievement Award: Professor and alumnus **James M**. **Oleske** for advancing the prevention, diagnosis, and treatment of pediatric HIV/AIDS.

#### The Other "Nobels"

These Rutgers faculty recently earned top awards that are considered Nobel equivalents. The Japan, Wolf, and Abel prizes are given in fields where the Nobel is not awarded.

- J. Frederick Grassle, right, Japan Prize (marine sciences)
- Joachim Messing, Wolf Prize (agriculture)
- **Endre Szemerédi**, Abel Prize (mathematics)



#### 10

Number of Rutgers faculty named 2016 Thomson Reuters Highly Cited Researchers. The faculty—"some of the world's most influential scientific minds"—produce papers ranked in the top 1 percent by citations in their field and year of publication.

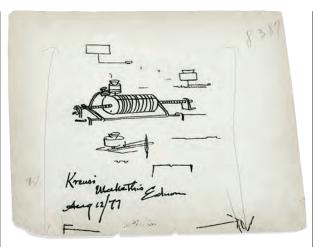
#1

Rutgers has the most fellows in the American Mathematical Society.



2

Two Rutgers scientists, molecular biologist Joachim Messing, above, and chemical biologist Helen Berman, coauthored papers on *Nature's* list of the Top 100 Most-Cited Research Papers of All Time.



#### **Archives of the Essential**

- Since 1978, the Rutgers-led **Thomas A. Edison Papers** project has been turning 5 million pages of documents, like the phonograph sketch above, into an unparalleled educational resource.
- The papers of women's suffrage trailblazers **Elizabeth Cady Stanton and Susan B. Anthony** are published by Rutgers University Press. *U.S. News & World Report* ranks Rutgers first for women's history.
- The **Institute of Jazz Studies** is the world's largest and most comprehensive archive of jazz and jazz-related materials. For his film *Jazz*, documentary filmmaker Ken Burns mined the archive, calling it "one of the world's treasures."
- The world's foremost archive of Old English poetic translations can be found at Rutgers' **Anglo-Saxon Narrative Poetry Project.** To date, translations of almost 79 percent of all extant Old English poetry are available in the online archive.



#### **Lasker Laureate**

"For decades Evelyn M. Witkin [above], professor emerita at Rutgers University, has been a towering figure in genetics. [In 2015] she was awarded the Lasker Award for Basic Medical Research [considered America's Nobel Prize] for groundbreaking work into how DNA responds to damage, a process essential to all living organisms."

—New York Times

# 25,000+

Number of undergraduate and graduate courses taught at Rutgers in a single year, from Ancient Painting to Molecular Pathways to Elementary Zulu

37 Rutgers faculty are members of the National Academies, "where the nation turns for independent, expert advice."

—The National Academies

#### Our Health Care

Rutgers educates tomorrow's health care providers. With our medical, dental, nursing, pharmacy, and other health-related schools and our top faculty practices and research centers, Rutgers offers patients the unparalleled advantages of an academic health system: access to a higher level of specialized care—research, clinical trials, technology, and specialists—all in New Jersey.



## 1,300+



More than 1,300 health care professionals treat patients at our faculty practices and clinics.



Rutgers supports more than 350 clinical trials at any given time, engaging thousands of patients and hundreds of researchers in the search for better ways to treat or prevent diseases.



#### RUTGERS HEALTH

Launched in 2016, Rutgers Health will unify the clinical units of Rutgers. Rutgers Health will enable the university to leverage the best talents of our clinical health care professionals—including doctors, nurses, dentists, physician assistants, pharmacists, psychologists, and social workers—to offer an exceptional level of team-based care that includes partners and affiliates throughout New Jersey. Learn more: rutgershealth.org

A multiyear effort, Rutgers Health will

- be the most comprehensive academic health care provider organization in New Jersey;
- connect Rutgers' research, education, and clinical care to evolving health needs, emphasizing patient wellness and disease prevention;
- position Rutgers as an innovator and leader in the increasingly competitive and evolving health care environment.

#### **Top 100** in the world\*

Neuroscience and Behavior • Pharmacy and Pharmacology • Pharmacology and Toxicology • Public Health (\*Various guides and rankings)

#### **Worldwide Collaboration**

Researchers in these centers advance knowledge through global engagement in the life sciences.

- NJ Center for Biomaterials: innovative biomedical products for tissue repair and replacement
- Protein Data Bank: free, online worldwide library of molecules
- Public Health Research Institute: fighting infectious disease
- RUCDR Infinite Biologics: largest university-based cell and DNA biorepository
- Waksman Institute of Microbiology: advancing fundamental understanding of molecular genetics and biology
- W.M. Keck Center for Collaborative Neuroscience: in search of a cure for spinal cord injuries

## #2 in the nation

Best U.S. Colleges to Study Health Professions, *USA Today*/College Factual

### \$160.9 million

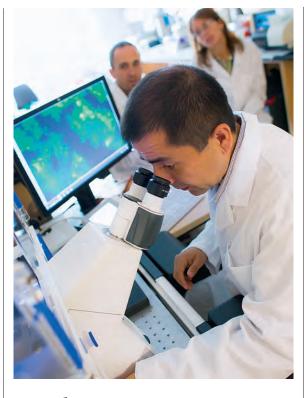
That's how much National Institutes of Health (NIH) funding Rutgers received in FY 2016, more than twice the amount of all other New Jersey NIH-funded universities combined. The NIH, the nation's medical research agency, funds vital discoveries that improve health and save lives.



Biomedical engineering undergraduate Katherine Lau, above, left, used 3-D printing to make fingers and linkages for 4-year-old Hailey Dawson's prosthetic hand.

#### Statewide Behavioral Health

Rutgers University Behavioral Health Care is the largest provider of mental health services in New Jersey and among the largest in the U.S.



#### **Only at Rutgers**

- Rutgers Cancer Institute of New Jersey is New Jersey's only National Cancer Institute-designated Comprehensive Cancer Center. Rutgers Cancer Institute of New Jersey transforms innovative research and clinical trials into advanced, personalized care.
- Robert Wood Johnson Medical School's Cardiovascular Institute of New Jersey's Myocardial Infarction Data Acquisition System houses 25 years of cardiovascular data on 500,000 New Jerseyans who have suffered a heart attack.
- Rutgers School of Dental Medicine's Delta Dental of New Jersey Special Care Center is the region's **leading dental practice for treating patients with special needs**, such as Alzheimer's, cerebral palsy, Down syndrome, and other complex developmental, physical, psychological, or medical issues.
- Renowned for its work in the U.S. and across the globe, New Jersey Medical School's **Global Tuberculosis Institute** is the Centers for Disease Control and Prevention's TB Regional Training and Medical Consultation Center for the Northeast, one of only five centers in the nation to merit the designation.
- With the nation's aging population and increasing numbers of people living with chronic illness, the demand for specialized nursing is enormous. The School of Nursing—Camden offers the **state's first wound, ostomy, and continence graduate certificate,** satisfying this critical need in health care.

## Treating 9/11 First-Responders "I wouldn't be here otherwise. I would have passed away ... I have a tremendous team of doctors now."

—David Howley, retired NYPD officer and 9/11 first-responder, quoted by NJTV News. Howley is under the care of Iris Udasin and her colleagues at the World Trade Center Health Program Clinical Center of Excellence at the Rutgers Environmental and Occupational Health Sciences Institute.

#### **Innovations in Medicine**

FIRSTS, BREAKTHROUGHS, AND DISCOVERIES BY RUTGERS FACULTY, STUDENTS, AND ALUMNI

Streptomycin, the first **treatment for tuberculosis**, saved many lives around the world

First in U.S. to use new technology enabling surgeons to see MRI brain scans in real time during brain surgery

First proven connection between smoking and lung cancer

First reporting of AIDS and Pediatric AIDS

Creator of Wong-Baker Faces pain scale

First to show high doses of **steroids combat multiple sclerosis** 

Discovery of first gene mutation linked to Parkinson's disease

First to pinpoint Autism Spectrum Disordersusceptibility genes

Discovery of two of the **newest anti-HIV drugs**—Intelence (etravirine) and Edurant (rilpivirine)

Development of **interferon**, breakthrough cancer treatment

First major advancement in tuberculosis diagnosis in 100 years: rapid diagnosis TR test



#### Our Research

In our labs and libraries; in clinical trials, clinics, and centers; in the field; and across the globe, engaged minds create knowledge, fuel economic progress, improve lives, and enrich our humanity.



# \$658 million

That's how much Rutgers expended in research and development in FY 2015, the latest data reported by the National Science Foundation. This number places us among the nation's top 20 public universities for R&D expenditures. University research fuels the economy and drives innovation.

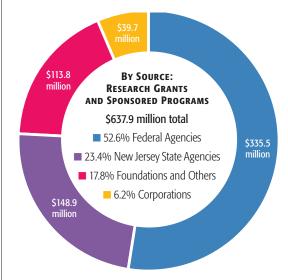
#### Big Ideas

Reuters Top 100: World's Most Innovative Universities

National Academy of Inventors Top 100: Worldwide Universities Granted U.S. Patents



Scientific American Mind (cover story): "Don't Diet! A psychologist [Charlotte N. Markey, above] explains why diets backfire and what weight-loss methods are proved to work." The article is based on science in Markey's book Smart People Don't Diet.



Rutgers' research grants and sponsored programs awards increased by 22 percent in the past two years.

#### **3,100** Patents

- 3,100 patents and applications under active management
- \$16.1 million in annual licensing revenue
- Turfgrass generated \$60 million in royalties in past decade
- 50-plus active startup companies, 30-plus in New Jersey

#### **Top 25**

Awarding science and engineering doctorates to women, according to the National Science Foundation



#### **Top 20**

Federal science and engineering support to public universities, according to the National Science Foundation



#### **300**

Rutgers is home to New Jersey's most extensive and diversified network of research laboratories. Nearly 300 research centers and institutes at Rutgers make important and lasting contributions to the world's body of knowledge.

#### **Research Advances**

- Newsday "Brookhaven National Laboratory and Rutgers have received \$12 million from the federal government to build a massive database to help scientists develop advanced materials for high-temperature superconductors, nuclear fuels, and other energy initiatives."
- North Jersey.com "The state laboratory that conducts scientific research in the Meadowlands will be taken over by Rutgers—Newark, a move ... many say will secure the future of a group of scientists who have worked to restore the region's ecology."
- Philly.com Keith Green is a Rutgers—Camden associate professor of English who studies American slave narratives. These first-person accounts "are a treasure. They offer the most accurate representation we have of both slavery and the quest for freedom."
- National Oceanic and Atmospheric Administration News The Rutgers—New Brunswick-led Challenger Mission is circumnavigating the globe with undersea "gliders [to] collect data about marine environments ... The results are better forecasts and models that improve safety, boost the economy, and protect the environment."
- **Boston Globe** "Scientists are poised to bring to the U.S. market a virus that can help thwart cancer, a development that could herald a new age of viral therapies." Howard Kaufman, chief surgical officer of Rutgers Cancer Institute of New Jersey, led the clinical trial.
- Modern Language Association Rutgers English associate professor "Sadia Abbas's At Freedom's Limit: Islam and the Postcolonial Predicament is a brilliant excursus on the representation of Islam in literature, art, cinema, television, and criticism since the late 1980s. [It is] responding to urgent contemporary debates."



Rutgers University—New Brunswick and Princeton University are the only New Jersey schools in the prestigious Association of American Universities (AAU), whose 62 members are North America's leading research universities. Rutgers—New Brunswick is our flagship school, as designated by the AAU.

## "Could this Rutgers lab hold the key to fixing America's crumbling bridges?"—NJ.com

The new Bridge Evaluation and Accelerated Structural Testing (BEAST) lab, below, allows researchers to take actual bridge sections, subject them to wear and tear, and condense decades of aging into a few months.



#### Our Impact

Rutgers is proud to be The State University of New Jersey and proud that Rutgers people make lasting contributions to the communities and economies of our home state, the nation, and the world.



#### Fundraising and Service

## **\$5.8** million

Money raised since 1999 by the Rutgers Dance Marathon—New Jersey's largest student-run philanthropic event—to support the Embrace Kids Foundation



247,882

Pounds of food Rutgers Against Hunger (RAH) has collected and distributed to the hungry since 2009

50,000

Hours of pro bono legal assistance provided annually by Rutgers law students



#### **Business Smarts**

With Rutgers' help, New Jersey's small businesses and startups succeed.

**Annie's Project:** Offered by Rutgers Cooperative Extension to help New Jersey's women farmers, like Carol Przewozny, above, of B&B Livestock Farm, better manage their businesses.

**Express Newark:** "Rutgers University is opening an arts-and-cultural hub in one of the city's historic buildings ... [a move] expected to draw more attention to the growing local art scene." — Wall Street Journal

New Jersey Small Business Development Centers: Headquartered at Rutgers Business School, this statewide network advances New Jersey's small business economy. For 2015, achievements include: 554 new businesses established, 16,606 jobs created and saved, \$73 million in financing facilitated.

## Bright Tomorrow: Rutgers Future Scholars "An educational experiment ... is now making a big difference in the lives of low-income New Jersey students."

—Huffington Post The Rutgers Future Scholars (RFS) program identifies academically promising, financially disadvantaged 7th graders from Rutgers' hometowns and gives them five years of intensive precollege support. Students who complete the program and are accepted at Rutgers attend tuition-free. For active participants, RFS has a 98 percent high school graduation rate and an 80 percent college enrollment rate.



#### Globalization

The Rutgers Centers for Global Advancement and International Affairs were recognized with the 2014 Senator Paul Simon Award for Comprehensive Internationalization from NAFSA: Association of International Educators for demonstrating outstanding internationalization efforts.

Rutgers has more than 300 formal partnerships with institutions around the world. More than 1,100 international scholars come to Rutgers each year, and faculty and staff make more than 800 trips to more than 100 countries annually for scholarly purposes.



For three consecutive years, Rutgers has been selected to host the Mandela Washington Fellowship program. Participants are up-and-coming sub-Saharan African leaders who develop professional skills that can spur growth, strengthen democratic governance, and enhance peace and security across Africa.

#### At Home in the World

Rutgers people and programs make a difference worldwide.

**Africa** The School of Business–Camden "adopted" the Kalksteenfontein K–7 primary school in South Africa—visiting annually and donating school supplies, musical instruments, sports equipment, clothing, and books for a school library.

**Antarctica** Rutgers scientists study the fastest winter-warming place on earth: the West Antarctic Peninsula. As a member of the Long-Term Ecological Research project at Antarctica's Palmer Station, Rutgers marine biologist Oscar Schofield looks at declining winter sea ice and rising ice temperatures.



**Asia** Associate professor of childhood studies Sarada Balagopalan's ethnography on street children and child laborers in Kolkata, India, discusses the struggles of impoverished children to transition from labor to school.

**Europe** The Rutgers University Archaeological Field School in Italy is excavating a Roman villa site in the village of Vacone and studying ancient patterns of habitation and agriculture in this region (ca. 100 BC to AD 200).

**North America** Professor of arts, culture, and media Tim Raphael's "Newest Americans: Stories from the Global City" documents the lives of immigrants in New Jersey, focusing on Rutgers students.

**South America** As a Fulbright scholar in Brazil, nutrition scientist Daniel Hoffman gives seminars and develops research projects that promote an interdisciplinary approach to global health research and education.

#### "America Converges Here" President Obama at Rutgers



"Look at the impact some of your fellow graduates are already making ... [like] Madison Little, who took charge of a student nonprofit and worked with folks in Australia and Cambodia and Uganda to address the AIDS epidemic ... That's you! Is it any wonder that I am optimistic?"

—President Barack Obama in his May 2016 University Commencement address at Rutgers University–New Brunswick. In fall 2015, he visited Rutgers University–Newark and praised its NJ-STEP prison-to-college program while announcing prison reform initiatives.

#### Our Alumni

Rutgers alumni engage in every field of human endeavor and advance society wherever they go—from everyday acts of kindness and competence that can mean the world to a single individual to grand undertakings that remake our perception of what is possible.

Dancer and choreographer Stephanie Klemons is a tour de force, shaping some of Broadway's most-talked-about musicals, most recently as associate choreographer. dance captain, and a dancer for the original cast of Broadway's smash-hit Hamilton. The Rutgers University-New Brunswick alumna ('04) says of her college years, "I just loved it at Rutgers. I was so uniquely built by the university."

# 486,000

#### Alumni Nation

- Rutgers has more than 486,000 living alumni; nearly half live in New Jersey.
- Alumni live in all 50 states and the District of Columbia, in six U.S. territories, and on six continents.
- Rutgers ranks among the nation's top 20 universities for number of living alumni.

#### 1 of 11

In a Business Insider survey of the alma maters of 1,541 NYC-based investment banking professionals, Rutgers was one of 11 schools supplying the most Wall Street investment bankers.

#### 100+

Number of chartered Rutgers alumni organizations in Africa, Asia, Central America, Europe, and North America



#### **Good Company**

- Alumni are on the faculty or staff of every colonial college and Big Ten school.
- Alumni received graduate degrees from or are enrolled in graduate programs at every colonial college and Big Ten school.
- Alumni of our medical schools/medical residencies are on staff at all hospitals on *U.S. News & World Report*'s Honor Roll of the nation's 15 Best Hospitals.

#### **Alumni Are Leaders**

As **president and CEO of Ford Motor Company,** Mark Fields ('83) is in charge of nearly a quarter of a million employees and 90 plants worldwide.



As the first female U.S. Army Judge Advocate General, Lt. Gen. Flora D. Darpino ('86), left, leads the 2,000 attorneys of the JAG Corps as the Army's senior uniformed attorney.

As manager of the Federal Aviation Administration's Fire Safety Branch, Constantine

Sarkos ('63, '65) develops fire-safety improvements to give passengers precious extra time to escape plane crashes.

As CEO of Avon Products Inc., Sheri McCoy ('88) commands a global powerhouse in beauty, home, and fashion.

**CEOS, PRESIDENTS, FOUNDERS, CHAIRS: Past and Present** AOL • Bed Bath & Beyond • Bell Atlantic • Bloomberg L.P.

- Calvert Group CIT Corning ESPN FBI FCC GEICO •
- GLAXO Home Depot Motorola Solutions NBA Prudential
- PSEG Roche Rock and Roll Hall of Fame Saatchi & Saatchi UPS Weight Watchers

Alumnus Junot Díaz's Pulitzer Prize-winning debut novel, The Brief Wondrous Life of Oscar Wao, was selected by BBC Culture's critics' poll as the #1 English-language novel of the 21st century.

2

Two of America's greatest garden spots are led by Rutgers alumni: Douglas Blonsky ('83), president and CEO of New York City's Central Park Conservancy, and Ari Novy ('12), executive director of the United States Botanic Garden.



#### National Medal of Technology Laureates

- Irwin Lachman ('52), cellular ceramic substrates enabling catalytic converters—world's first significant automobile pollution control technology
- Peter Schultz ('64, '67), low-loss fiber optic cable enabling modern telecommunications
- Richard Frenkiel ('65), cellular technology enabling world's first cellular phone system

#### Excellence in Arts, Entertainment, and Media



**Paul Robeson** (1919), left, Athlete, actor, singer, activist, and early international human rights advocate

Philip Van Doren Stern ('24) His short story inspired the holiday classic *It's a Wonderful Life* 

**David "Sonny" Werblin** ('31) Sports impresario who signed Joe Namath to the New York Jets

Robert Pinsky ('62) Three-time U.S. Poet Laureate

Kathy Ryan ('78) Photo editor, New York Times Magazine

Mario Batali ('82) Chef, author, restaurateur, and cohost of ABC's The Chew

James Gandolfini ('83) Three-time Emmy Award winner for his starring role in HBO's groundbreaking series *The Sopranos* 

Calista Flockhart ('88) Golden Globe Award-winning actress and costar of *Supergirl* 

**Robert Pulcini** ('89) Academy Award-nominated screenwriter, director

Natalie Morales ('94), right, West Coast anchor, NBC's *Today* 

**S. Mitra Kalita** ('98) Vice president for programming, CNN Digital



"I chose Rutgers Law School because of its long history of being concerned about social justice and its wonderful faculty. I was lucky to care a lot about something and be able to do something about it."

—Lois Whitman ('76) is the founder and former director of the Children's Rights Division of Human Rights Watch

#### **Pulitzer Prize Winners**

- Gregory Pardlo ('99), 2015 Poetry, Digest
- Junot Díaz ('92), 2008 Fiction, *The Brief Wondrous Life of Oscar Wao*
- Matt Rainey ('89), 2001 Feature Photography, *Star-Ledger*
- Richard Aregood ('65), 1985 Editorial Writing, Philadelphia Daily News
- Josh Friedman ('64), 1985 International Reporting, Newsday
- Michael Shaara ('51), 1975 Fiction, *The Killer Angels*

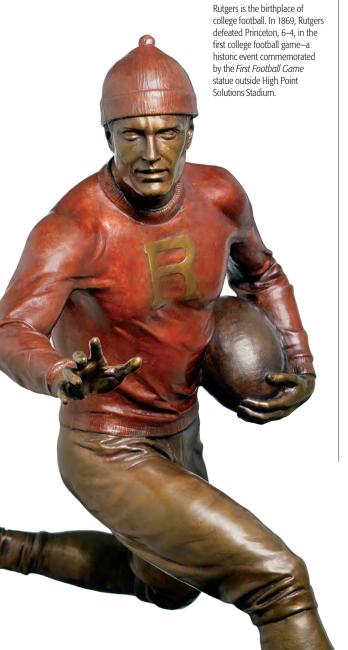
#### Nobel Prize Winners

- Selman Waksman (1915, '16), Medicine or Physiology, 1952
- International Labour Organization (ILO), Peace Prize, 1969; ILO director-general **David Morse** ('29) accepted the prize on the ILO's behalf
- Milton Friedman ('32), Economic Sciences, 1976



#### Our Legacy

Rutgers was chartered in 1766, one of nine colonial colleges founded before the American Revolution. For 250 years and counting, Rutgers has launched great innovations, including many that resonate to this day. You will find Rutgers people behind some of the best of what has been and what will be.



1766

William Franklin, royal governor of New Jersey and Benjamin Franklin's son, signs charter establishing Rutgers

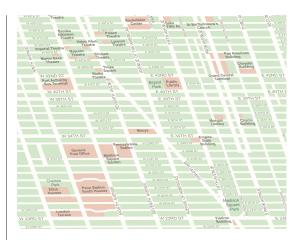
#### **Never Forget**

Fulfilling a goal of the 9/11 Commission and creating an unparalleled resource for generations to come, Rutgers Law School published "A New Type of War," an online monograph of logs, audiotapes, transcripts, and radar data of the doomed flights of 9/11. The website logged 7 million visitors from 173 countries when it went live in September 2011.

#### 8th

Rutgers was at the forefront of the burgeoning internet phenomenon. In 1985, **rutgers.edu** was registered as the world's 8th domain name.

017 Institutional Profile



#### "The Map That Made New York"—New York Times

Alumnus Simeon De Witt was one of three cartographers who in 1811 designed the street grid for New York City, literally laying the groundwork for the rise of the world's greatest metropolis. Thirty years earlier, De Witt was the Revolutionary War surveyor whose maps guided George Washington's Continental troops.

#### **Quotables**

"Male bonding"—coined by Rutgers anthropologist Lionel Tiger in his 1969 best seller, *Men in Groups* 

"Think globally, act locally"—coined in 1972 by trailblazing environmentalist and alumnus René Dubos at the first United Nations Conference on the Human Environment



#### "This is a helluva way to run a railroad"

—Alumnus **Leonor Loree**, on the state of the Kansas City Southern Railroad in 1906, before he took over

and revived it. Later Loree was president of the B&O Railroad; yes, the one on the Monopoly board.

"Broken windows theory"—The 1982 idea of criminologist George Kelling and his coauthor James Q. Wilson—a recommendation to respond to petty crime to maintain public order—was credited by many with lowering crime rates in American cities.

"Women's rights are human rights"—pioneered by professor Charlotte Bunch in the 1980s. At the 1993 United Nations World Conference on Human Rights in Vienna, her work led to UN recognition of violations of women; the formulation went viral at 1995's 4th World Conference on Women in Beijing, bringing the needs of marginalized women to the forefront.



Six Rutgers alumni have had the honor of serving as governor of New Jersey, shaping everything from public education to the state highway system to environmental protection. William A. Newell was the first to hold the office, followed by George Ludlow, Foster Voorhees, Richard Hughes, William Cahill, and James Florio.



Ushering in a new age of transoceanic travel, alumnus Daniel Dod built the steam engine for the celebrated SS Savannah, which on May 22, 1819, left port to become the first steamship to cross the Atlantic. Steamships would revolutionize global travel and commerce, drastically reducing the time it took to traverse the high seas.

#### **And the World Changed**

Plastic Fantastic In 1987, Rutgers patented a plastic resin recovery process that made raw material out of recycled plastics, launching a new industry: items made from recycled goods. Just five years later, the nation went from recycling zero pounds of plastic to recycling over 500 million pounds a year.

**Brown v. Board of Education** The first African-American student admitted to Rutgers' New Jersey College for Women, now Douglass Residential College, Julia Baxter Bates was the NAACP's lead researcher for two decades. Her work directly influenced the U.S. Supreme Court's 1954 Brown v. Board of Education ruling, which declared school segregation unconstitutional.



**Earth's Final Frontier** In 2009, Rutgers marine scientists achieved the world's first transatlantic crossing of an undersea robotic glider, proving that sensor-laden robots were the future of understanding the planet's greatest resource, the world ocean. Rutgers gliders monitored the Gulf of Mexico during the Deepwater Horizon oil spill and monitored the New Jersey shore during hurricanes Irene and Sandy. Above, glider home base—the Center for Ocean Observing Leadership.

**Autism Comes Out of the Cold** When Rutgers opened the Douglass Developmental Disabilities Center in 1972, it was the first university-based school of its kind in the nation. Focused on treating children through behavioral interventions, DDDC set the stage for New Jersey's national leadership in autism-spectrum education and treatment and helped debunk the popular "refrigerator theory" that blamed autism on "cold" mothers.

**This Land Was Made for You and Me** Professor and alumnus Ralph E. Good's research led to the designation in 1978 of the New Jersey Pinelands as America's first National Reserve. Today, the reserve—the largest body of open space between Richmond, Virginia, and Boston-is a protected UNESCO Biosphere.

**Plants for a Cleaner Planet** ■ When plant biologist Ilya Raskin was asked in 1989 to join the International Atomic Energy Agency Task Force assessing the Chernobyl nuclear disaster, he recommended using toxin-eating plants to aid the cleanup, pioneering the science of "phytoremediation." The technique is used in America's brownfields—contaminated. abandoned industrial sites—and in the area of Fukushima, Japan's tsunami-ravaged nuclear power plant.



#### First to Link Smoking and Cancer

Pathologist Oscar Auerbach's research was key evidence in the 1964 Surgeon General's **Report** linking smoking and lung cancer. The report heralded sweeping changes in laws regulating cigarette advertising and distribution and spawned intensive research into treatment for cancer and other lung diseases.

#### "Antibiotics"

— The "Rutgers antibiotics" of the 1940s were a sensational breakthrough in infectious disease treatment. The term "antibiotics" was defined by professor, alumnus, and Nobel Prize-winning microbiologist Selman Waksman, who, with his graduate students, discovered antibiotics in soil microbes. Waksman, right, and graduate student Albert Schatz, left, discovered streptomycin, the first antibiotic to treat tuberculosis. Streptomycin saved

many lives.

#### Our Rutgers

- Founded in 1766
- 8th oldest institution of higher education in the United States
- New Jersey's land-grant university, bringing research to the community
- 31 schools and colleges in New Brunswick, Newark, and Camden; additional locations throughout New Jersey
- Teaching and research worldwide



Learning beyond the classroom was integral to Honors College student Abdullah Abdelaziz's education. The biology major was president of the Rutgers University— Camden Student Governing Association, a resident assistant, and a tutor; researched biodegradable materials; and volunteered with "Give Kids a Smile," providing free dental services to underserved children. After graduation in 2016, he began dental school.



#### **Students**

#### **ENROLLMENT (FALL 2016)**

Total: 68,942 Undergraduate: 49,359 Graduate: 19,583 Men: 46.7% Women: 53.3%

#### RACE/ETHNICITY FULL-TIME ENROLLMENT

African American: 10.2% Asian: 20.5% Hawaiian: 0.2% Latino: 13.8% Native American: 0.1%

White: 39.6% International: 10.2% Two or more: 2.7% Unknown: 2.7%

#### RESIDENCY (ALL STUDENTS)

83% in-state residents 17% out-of-state/international

#### **Faculty & Staff**

- More than 8,000 full- and part-time faculty
- More than 14,500 full- and part-time staff

#### **Annual Cost\***

#### **UNDERGRADUATE COSTS**

- Tuition, Fees, Room and Board: In-state \$26,632 Out-of-state \$42,283
- Tuition Only: In-state \$11,408 Out-of-state \$27,059 \*2016–2017

#### Governance

The Board of Governors is the governing body of Rutgers. The Board of Trustees serves in an advisory capacity, with certain fiduciary responsibilities.

#### **Academics**

#### **DEGREES OFFERED**

- 100-plus undergraduate and 200-plus graduate programs
- Associate's, Bachelor's, Master's, Doctoral, Professional, Certificate

#### **DEGREES GRANTED**

16,596 in 2016 568,000+ since founding

#### DOUGLASS RESIDENTIAL COLLEGE

The nation's sole women's residential college at a flagship research university

#### **CONTINUING EDUCATION**

- 140,000 registrants served annually
- 6,348 programs
- 100 online programs
- 310 sites across all 21 New Jersey counties

#### RUTGERS UNIVERSITY

#25 in the nation, Association of Research Libraries

#### **Sustainability**

- #3 university in the nation for total solar energy capacity
- 10th consecutive Gorilla Prize in RecycleMania, the nation's annual intercollegiate recycling competition

#### **NCAA Athletics**

- Rutgers Scarlet Knights
  New Brunswick Division I, 24
  sports; Big Ten Conference;
  one of two new members
  but oldest university in the
  Big Ten
- Rutgers Scarlet Raiders
  Newark Division III, 14 sports
- Rutgers Scarlet Raptors
  Camden Division III, 19 sports

#### Alumni

Rutgers' more than 486,000 alumni live in all 50 states and the District of Columbia, in six U.S. territories, and on six continents.



Rutgers Day is an annual spring event when we share all things Rutgers. Each year, more than 100,000 people visit Rutgers to experience free performances, tours, exhibits, hands-on activities, and sporting events.

#### Locations



#### RUTGERS UNIVERSITY-NEW BRUNSWICK

Carnegie Classification: Doctoral Universities— Highest Research Activity 50,140-plus students



#### **RUTGERS BIOMEDICAL AND HEALTH SCIENCES**

The health care division enrolls 7,800-plus students across multiple locations that include New Brunswick, Newark, Piscataway, Scotch Plains, Somerset, and Stratford.



#### RUTGERS UNIVERSITY-NEWARK

Carnegie Classification: Doctoral Universities— Higher Research Activity 12,320-plus students



#### **RUTGERS UNIVERSITY-CAMDEN**

Carnegie Classification: Master's Colleges and Universities—Larger Programs 6,500-plus students

#### **Schools and Colleges**

Camden College of Arts and Sciences Edward J. Bloustein School of Planning and Public Policy

Ernest Mario School of Pharmacy

Graduate School–Camden

Graduate School-Newark

Graduate School-New Brunswick

Graduate School of Applied and Professional

Psychology

Graduate School of Biomedical Sciences

Graduate School of Education

Mason Gross School of the Arts

Newark College of Arts and Sciences

New Jersey Medical School

Robert Wood Johnson Medical School

Rutgers Business School-Newark and

New Brunswick

Rutgers Law School

Rutgers School of Dental Medicine

School of Arts and Sciences

School of Business–Camden

School of Communication and Information

School of Criminal Justice

School of Engineering

School of Environmental and Biological

Sciences

School of Health Professions

School of Management and Labor Relations

School of Nursing

School of Nursing-Camden

School of Public Affairs and Administration

School of Public Health

School of Social Work

University College-Camden

University College-Newark

#### **Giving to Rutgers**

The university's recently completed \$1 billion campaign—Our Rutgers, Our Future—surpassed its goal by nearly 4 percent, raising \$1.037 billion over 7.5 years from 130,450 donors, 54 percent of whom were alumni. Rutgers ranks among the top 100 schools in the nation in endowment.

#### **CAMPAIGN HIGHLIGHTS**

- Endowment now exceeding \$1 billion
- \$310 million in newly endowed funds
- \$412.6 million to support faculty and research
- \$286.1 million for students and learning
- \$132.7 million for campuses and facilities
- \$174.2 million for university and community programs

Introduced in 2016 in celebration of Rutgers' 250th anniversary, the Rutgers shield is a fundamental expression of the university's identity. Its three sections represent Rutgers' connections to New Jersey's three regions—north, central, and south-and denote the university's tripartite mission: teaching, research, and service. The sunburst represents light as metaphor for learning; the book is a timeless symbol of intellectual inquiry; the crown and 1766 honor Rutgers' colonial founding; and the three stars celebrate New Jersey, the third state to ratify the U.S. Constitution.

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