



*Institutional Profile Report*  
*2015*





Robert L. Barchi, President

September 22, 2015

Fellow New Jerseyans:

It is my pleasure to submit the 2015 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.

Rutgers, founded in 1766 and rapidly approaching a year-long celebration of its 250<sup>th</sup> anniversary, 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 more than 450,000 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 – 2015***

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*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section A*

*Introduction and Accreditation Status*







**MIDDLE STATES COMMISSION ON HIGHER EDUCATION**  
3624 Market Street, Philadelphia, PA 19104-2680. Tel: 267-284-5000. Fax: 215-662-5501  
[www.msche.org](http://www.msche.org)

## 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](http://www.rutgers.edu)

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

### INSTITUTIONAL INFORMATION

**Fall Enrollment (Headcount):** 46809 Undergraduate; 19204 Graduate

**Control:** Public

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

**Carnegie Classification:** Research - Very High Research Activity

**Approved Degree Levels:** Postsecondary Award/Cert/Diploma ( $\geq 1$  year,  $< 2$  years), Associate's, Bachelor's, Postbaccalaureate Award/Cert/Diploma, Master's, Post-Master's Award/Cert/Diploma, Doctor's - Professional Practice, Doctor's - Research/Scholarship;

**Distance Education Programs:** Fully Approved

**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 ; 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 ; Council on Accreditation of Nurse Anesthesia Educational Programs ; Council on Education for Public Health ; Liaison Committee on Medical Education ; National Association of Schools of Dance, Commission on Accreditation; National Association of Schools of Music, Commission on Accreditation,; Teacher Education Accreditation Council, Accreditation Committee

**Other Accreditors:** AACSB International - The Association to Advance Collegiate Schools of Business; ABET (formerly Accreditation Board for Engineering and Technology); Accreditation Council for Graduate Medical Education; Accreditation Review Commission on Education for the Physician Assistant; American Board of Obstetrics and Gynecology; American Chemical Society; American Library Association; American Registry of Radiologic Technologists; American Society of Landscape Architects; Association of American Law Schools; Association of Nutrition and Food Professionals; Commission on Accreditation for Health Informatics and Information Management Education; Commission on Accreditation for Respiratory Care; Commission on Accreditation of Allied Health Education Programs: Cytotechnology Programs Review Committee, Joint Review Committee on Education in Cardiovascular Technology, and Joint Review Committee on Education in Diagnostic Medical Sonography; Council for Accreditation of Counseling and Related Educational Programs; Council on Rehabilitation Education; Council on Social Work Education; Joint Review Committee on Educational Programs in Nuclear Medicine Technology; National Accrediting Agency for the Clinical Laboratory Sciences; National Association of Schools of Public Affairs and Administration; Planning Accreditation Board.

## **Instructional Locations**

**Branch Campuses:** None

**Additional Locations:** Atlantic Cape Community College, Atlantic City, NJ; Atlantic Cape Community College, Mays Landing, NJ; Burlington County College, Mount Laurel, NJ; Camden Campus, Camden, NJ; Camden County Boathouse, Pennsauken, 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; Dalian University of Technology, International Conference Center, Dalian, China; Educational Testing Service, Princeton, NJ; Harborside Financial Center, Jersey City, 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; 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; Rutgers University - Newark Institute at NENU, Northeast Normal University, China (ANYA); Scotch Plains, Scotch Plains, NJ; Sheraton Atlantic City Convention Center Hotel, Atlantic City, NJ; Stratford, Stratford, NJ; UMDNJ-65 Bergen Street, Newark, NJ; Western Monmouth Higher Education Center, Freehold, NJ; Wyndham Princeton Forrestal Hotel & Conference Center, Plainsboro, NJ

**Other Instructional Sites:** American Red Cross, Fairfield, NJ; Bridgewater-Raritan High School, Bridgewater, NJ; Caldwell College, Caldwell, NJ; Camden County College, Blackwood, 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; Drew University, Madison, NJ; Haddonfield High School, Haddonfield, NJ; Joint Base McGuire-Dix-Lakehurst, Lakehurst, NJ; McNair High School, Jersey City, NJ; Monmouth County Vocational School District, Long Branch, NJ; Octagon 10 Office Center, Parsippany, NJ; Passaic County Technical Institute, Wayne, NJ; Picatinny, Dover, NJ; Porzio,

Bromberg, and Newman, Morristown, NJ; Ridgefield Park Sr. High School, Ridgefield Park, NJ; Rutgers EcoComplex, Bordentown, NJ; Wynona's House, Newark, NJ

## ACCREDITATION INFORMATION

**Status:** Member since 1921

**Last Reaffirmed:** November 21, 2013

### Most Recent Commission Action:

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.

### 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.

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

**Next Periodic Review Report:** 2023

**Date Printed:** September 13, 2015

## DEFINITIONS

**Branch Campus** - A location of an institution that is geographically apart and independent of the main campus of the institution. The location is independent if the location: 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.

**Additional Location** - A location, other than a branch campus, that is geographically apart from the main campus and at which the institution offers at least 50 percent of an educational program. **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.

**Other Instructional Sites** - A location, other than a branch campus or additional location, at which the institution offers one or more courses for credit.

**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."

## EXPLANATION OF COMMISSION ACTIONS

An institution's accreditation continues unless it is explicitly withdrawn or the institution voluntarily allows its accreditation to lapse. In addition to reviewing the institution's accreditation status at least every 5 years, the Commission takes actions to approve substantive changes (such as a new degree or certificate level, opening or closing of a geographical site, or a change of ownership) or when other events occur that require review for continued compliance.

Any type of report or visit required by the Commission is reviewed and voted on by the Commission. Reports submitted for candidacy, self-study evaluation, periodic review or follow-up may be accepted, acknowledged, or rejected.

The Commission "Accepts" a report when its quality, thoroughness, and clarity are sufficient to respond to all of the Commission's concerns, without requiring additional information in order to assess the institution's status.

The Commission "Documents receipt of" a letter or report when it addresses the Commission's concerns only partially because the letter or report had limited institutional responses to requested information, did not present evidence and analysis conducive to Commission review, were of insufficient quality, or necessitated extraordinary effort by the Commission's representatives and staff performing the review. Relevant reasons for not accepting the letter or report are noted in the action. The Commission may or may not require additional information in order to assess the institution's status.

The Commission "Rejects" a letter or report when its quality or substance are insufficient to respond appropriately to the Commission's concerns. The Commission requires the institution to resubmit the report and may request a visit at its discretion. These terms may be used for any action (reaffirm, postpone, warn, etc.).

### Types of Follow-Up Reports:

**Accreditation Readiness Report (ARR):** The institution prepares an initial Accreditation Readiness Report during the application phase and continually updates it throughout the candidacy process. It is for use both by the institution and the Commission to present and summarize documented evidence and analysis of the institution's current or potential compliance with the Commission's accreditation standards.

**Progress Report:** The Commission needs assurance that the institution is carrying out activities that were planned or were being implemented at the time of a report or on-site visit.

**Monitoring Report:** There is a potential for the institution to become non-compliant with MSCHE standards; issues are more complex or more numerous; or issues require a substantive, detailed report. A visit may or may not be required. Monitoring reports are required for non-compliance actions.

**Supplemental Information Report:** This report is intended only to allow the institution to provide further information, not to give the institution time to formulate plans or initiate remedial action. This report is required when a decision is postponed. The Commission may request a supplemental information report at any time during the accreditation cycle.

### Commendations:

Periodically, the Commission may include commendations to the institution within the action language. There are three commendations. More than one commendation may be given at the same time:

To commend the institution for the quality of the [Self-Study or PRR] report. The document itself was notably well-written, honest, insightful, and/or useful.

To commend the institution for the quality of its [Self-Study or PRR] process. The Self-Study process was notably inclusive.

To recognize the institution's progress to date. This is recognition for institutions that had serious challenges or problems but have made significant progress.

### Affirming Actions

Grant Candidate for Accreditation Status: This is a pre-accreditation status following a specified process for application and institutional self-study. For details about the application process, see the MSCHE publication, *Becoming Accredited*. The U.S. Department of Education labels Candidacy as “Pre-accreditation” and defines it as the status of public recognition that an accrediting agency grants to an institution or program for a limited period of time that signifies the agency has determined that the institution or program is progressing toward accreditation but is not assured of accreditation) before the expiration of that limited period of time. Upon a grant of candidate for accreditation status, the institution may be asked to submit additional Accreditation Readiness Reports until it is ready to initiate self study.

Grant Accreditation: The Commission has acted to grant accreditation to a Candidate institution and does not require the submission of a written report prior to the next scheduled accreditation review in five years.

Grant Accreditation and request a Progress Report or Monitoring Report: The Commission has acted to grant accreditation to a Candidate institution but requires the submission of a written report prior to the next scheduled accreditation review to ensure that the institution is carrying out activities that were planned or were being implemented at the time of the report or on-site visit.

Reaffirm Accreditation via Self Study or Periodic Review Report: The Commission has acted to reaffirm accreditation and does not require the submission of a written report prior to the next scheduled accreditation review in five years. The action language may include recommendations to be addressed in the next Periodic Review Report or Self Study. Suggestions for improvement are given, but no written follow-up reporting is needed for compliance.

Reaffirm Accreditation via Self Study or Periodic Review Report and request a Progress Report or Monitoring Report: The Commission has acted to reaffirm accreditation but requires the submission of a written report prior to the next scheduled accreditation review to ensure that the institution is carrying out activities that were planned or were being implemented at the time of the report or on-site visit.

### Administrative Actions

Continue Accreditation: A delay of up to one year may be granted to ensure a current and accurate representation of the institution or in the event of circumstances beyond the institution’s control (natural disaster, U.S. State Department travel warnings, etc.). The institution maintains its status with the Commission during this period.

### Procedural Actions

Defer a decision on initial accreditation: The Candidate institution shows promise but the evaluation team has identified issues of concern and recommends that the institution be given a specified time period to address those

concerns. Institutions may not stay in candidacy more than 5 years.

Postpone a decision on (reaffirmation of) accreditation: The Commission has determined that there is insufficient information to substantiate institutional compliance with one or more standards. The Commission requests a supplemental information report.

Voluntary Lapse of Accreditation: The institution has allowed its accreditation to lapse by not completing required obligations. The institution is no longer a member of the Commission upon the determined date that accreditation will cease.

### **Non-Compliance Actions**

Warning: A Warning indicates that an institution has been determined by the Commission not to meet one or more standards for accreditation. A follow-up report, called a monitoring report, is required to demonstrate that the institution has made appropriate improvements to bring itself into compliance.

Probation: Probation indicates that an institution has been determined by the Commission not to meet one or more standards for accreditation and is an indication of a serious concern on the part of the Commission regarding the level and/or scope of non-compliance issues related to the standards. The Commission will place an institution on Probation if the Commission is concerned about one or more of the following:

1. the adequacy of the education provided by the institution;
2. the institution's capacity to make appropriate improvements in a timely fashion; or
3. the institution's capacity to sustain itself in the long term.

Probation is often, but need not always be, preceded by an action of Warning or Postponement. If the Commission had previously postponed a decision or placed the institution on Warning, the Commission may place the institution on Probation if it determines that the institution has failed to address satisfactorily the Commission's concerns in the prior action of postponement or warning regarding compliance with Commission standards. This action is accompanied by a request for a monitoring report, and a special visit follows. Probation may, but need not always, precede an action of Show Cause.

By federal regulation, the Commission must take immediate action to withdraw accreditation if an institution is out of compliance with accreditation standards for two years, unless the time is extended for good cause.

Show Cause: An institution is asked to demonstrate why its accreditation should not be withdrawn. A written report from the institution (including a teach out plan) and a follow-up team visit are required. The institution has the opportunity to appear before the Commission when the Commission meets to consider the institution's Show Cause status. Show Cause may occur during or at the end of the two-year Probation period, or at any time the Commission determines that an institution must demonstrate why its accreditation should not be withdrawn (i.e. Probation is not a necessary precursor to Show Cause).

### **Adverse Actions**

Withdrawal of Accreditation: An institution's candidate or accredited status is withdrawn and with it, membership in the association. If the institution appeals this action, its accreditation remains in effect until the appeal is completed.

Denial of Accreditation: An institution is denied initial accreditation because it does not meet the Commission's requirements of affiliation or accreditation standards during the period allowed for candidacy. If the institution appeals this action, its candidacy remains in effect until the appeal is completed.

Appeal: The withdrawal or denial of candidacy or accreditation may be appealed. Institutions remain accredited (or candidates for accreditation) during the period of the appeal.



Other actions are described in the Commission policy, "Range of Commission Actions on Accreditation."

# 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 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.

The New Jersey Medical and Health Sciences Education Restructuring Act, passed by the New Jersey Senate and Assembly on June 28, 2012, and signed by Governor Chris Christie on August 22, 2012, integrates 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, into Rutgers effective July 1, 2013. As required by the 1956 Rutgers Law, the legislation needed approval of both the Rutgers Board of Governors and Rutgers Board of Trustees. Both boards approved the integration of Rutgers and UMDNJ at their November 19, 2012, meeting. Twelve functional teams with members from both universities began working to ensure a smooth operational integration.

## 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 university 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 (RBHS), 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 in the United States providing health care education, research and clinical service and care.

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 2015, university degrees are awarded by 33 schools and colleges. New Brunswick including RBHS, 20 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 the AACSB International–The Association to Advance Collegiate Schools of Business; ABET; and the Association of American Law Schools and American Bar Association.

## DEGREE-GRANTING SCHOOLS AT RUTGERS UNIVERSITY

<b>UNDERGRADUATE SCHOOLS</b>	
<b>NEW BRUNSWICK</b>	
<i>School of Arts and Sciences</i>	<i>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 Allied Health Professions</i>
<i>School of Engineering</i>	<i>Bachelor of Science. Bachelor of Science/Master of Business Administration with the Rutgers Business School-Newark and New Brunswick</i>
<i>School of Environmental and Biological Sciences</i>	<i>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</i>
<i>Rutgers Business School - Undergraduate New Brunswick</i>	<i>Bachelor of Science</i>
<i>Mason Gross School of the Arts</i>	<i>Bachelor of Fine Arts, Bachelor of Music, Bachelor of Fine Arts/Master of Education in Dance with the Graduate School of Education</i>
<i>School of Communication and Information</i>	<i>Bachelor of Arts granted jointly with School of Arts and Sciences, BA in Communication/MCIS</i>
<i>Edward J. Bloustein School of Planning and Public Policy</i>	<i>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</i>
<i>School of Management and Labor Relations</i>	<i>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)</i>
<b>RUTGERS BIOMEDICAL AND HEALTH SCIENCES DIVISION</b>	
<i>School of Health Related Professions</i>	<i>Associate of Applied Science, Associate of Science, Bachelor of Science</i>

## DEGREE-GRANTING SCHOOLS AT RUTGERS UNIVERSITY

<b>UNDERGRADUATE SCHOOLS</b>	
<i>School of Nursing</i>	<i>Bachelor of Science</i>
<b>NEWARK</b>	
<i>Newark College of Arts and Sciences</i>	<i>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</i>
<i>University College - Newark</i>	<i>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</i>
<i>Rutgers Business School - Undergraduate Newark</i>	<i>Bachelor of Science</i>
<i>School of Criminal Justice</i>	<i>Bachelor of Science granted jointly with Newark College of Arts and Sciences or University College-Newark</i>
<i>School of Public Affairs and Administration</i>	<i>Bachelor of Arts granted jointly with Newark College of Arts and Sciences</i>
<b>CAMDEN</b>	
<i>Camden College of Arts and Sciences</i>	<i>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/Juris Doctor with the School of Law-Camden</i>
<i>School of Business - Camden</i>	<i>Bachelor of Science, Bachelor of Hospitality Management, Bachelor of Arts in Business Administration</i>
<i>University College - Camden</i>	<i>Bachelor of Arts, Bachelor of Science</i>
<i>School of Nursing - Camden</i>	<i>Bachelor of Science</i>

## DEGREE-GRANTING SCHOOLS AT RUTGERS UNIVERSITY

<b>GRADUATE DEGREE-GRANTING SCHOOLS</b>	
<b>NEW BRUNSWICK</b>	
<i>Graduate School–New Brunswick</i>	<i>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, Doctor of Philosophy</i>
<i>Graduate School of Education</i>	<i>Master of Education, Specialist in Education, Doctor of Education.</i>
<i>School of Social Work</i>	<i>Master of Social Work, Doctor of Social Work</i>
<i>Graduate School of Applied and Professional Psychology</i>	<i>Doctor of Psychology</i>
<i>Mason Gross School of the Arts</i>	<i>Master of Fine Arts, Master of Music, Artist Diploma in Music, and Doctor of Musical Arts</i>
<i>School of Communication and Information</i>	<i>Master of Communication and Information Studies. Master of Information</i>
<i>Edward J. Bloustein School of Planning and Public Policy</i>	<i>Master of City and Regional Planning, Master of City and Regional Studies, Master of Public Affairs and Politics, and Master of Public Policy. M.P.P./M.P.H. with School of Public Health.</i>
<i>School of Management and Labor Relations</i>	<i>Master of Human Resource Management and Master of Labor and Employment Relations</i>
<b>RUTGERS BIOMEDICAL AND HEALTH SCIENCES DIVISION</b>	
<i>Ernest Mario School of Pharmacy</i>	<i>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</i>
<i>New Jersey Medical School</i>	<i>Doctor of Medicine</i>
<i>Robert Wood Johnson Medical School</i>	<i>Doctor of Medicine</i>
<i>Rutgers School of Dental Medicine</i>	<i>Doctor of Dental Medicine, Master of Dental Science, Master of Science</i>
<i>School of Nursing</i>	<i>Master of Science in Nursing, Doctor of Nursing Practice</i>

## DEGREE-GRANTING SCHOOLS AT RUTGERS UNIVERSITY

<b>GRADUATE DEGREE-GRANTING SCHOOLS</b>	
<i>School of Public Health</i>	<i>Master of Public Health, Master of Science, Doctor of Public Health, Doctor of Philosophy</i>
<i>School of Health Related Professions</i>	<i>Master of Science, Doctor of Clinical Laboratory Science, Doctor of Clinical Nutrition, Doctor of Physical Therapy, Doctor of Philosophy</i>
<i>Graduate School of Biomedical Sciences</i>	<i>Master of Biomedical Sciences, Master of Science, Doctor of Philosophy</i>
<b>NEWARK AND NEW BRUNSWICK</b>	
<i>Rutgers Business School: Graduate Programs</i>	<i>Master of Business Administration, Master of Accountancy in Taxation, Master of Accountancy, Master of Quantitative Finance, Master of Information Technology, Master of Financial Analysis.</i>
<b>NEWARK AND CAMDEN</b>	
<i>Rutgers Law School</i>	<i>Juris Doctor, Juris Doctor/Master of Public Administration with School of Public Affairs and Administration</i>
<b>NEWARK</b>	
<i>Graduate School - Newark</i>	<i>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.</i>
<i>School of Criminal Justice</i>	<i>Master of Arts</i>
<i>School of Public Affairs and Administration</i>	<i>Master of Public Administration, Master of Public Health, M.P.A./Master of Accountancy option in Governmental Accounting with Rutgers Business School</i>
<b>CAMDEN</b>	
<i>Graduate School - Camden</i>	<i>Master of Arts, Master of Science, Master of Fine Arts, Master of Public Administration, Master of Business and Science, Master of Public Health. Doctor of Physical Therapy (joint degree with School of Health Related Professions). Doctor of Philosophy</i>
<i>School of Nursing - Camden</i>	<i>Doctor of Nursing Practice</i>
<i>School of Business - Camden</i>	<i>Master of Accounting, Master of Business Administration, Master of Science</i>





*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section B*

*Students Served*



**Undergraduate Enrollment by Attendance Status  
Fall 2014**

Students	Attendance Status				Total
	Full-time		Part-time		
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
<b>Undergraduates</b>	42,344	90.5%	4,465	9.5%	46,809

**Graduate and Doctoral-Professional Enrollment  
by Attendance Status  
Fall 2014**

Students	Attendance Status				Total
	Full-time		Part-time		
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
<b>Graduate</b>	8,003	50.2%	7,951	49.8%	15,954

Students	Attendance Status				Total
	Full-time		Part-time		
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
<b>Doctoral-Professional Practice</b>	2,944	90.6%	306	9.4%	3,250

Students	Attendance Status				Total
	Full-time		Part-time		
	<u>Number</u>	<u>Percentage</u>	<u>Number</u>	<u>Percentage</u>	
<b>Total</b>	10,947	57.0%	8,257	43.0%	19,204

### Headcount and FTE\* Enrollment by Campus/Unit and School

Fall 2014

UNDERGRADUATE	HEADCOUNT	FTE*	GRADUATE AND PROFESSIONAL	HEADCOUNT	FTE*
Camden Arts & Sciences	2,754	2,478	Graduate School-Camden	558	315
Sch. of Nursing (CM)	664	561	Sch. of Law(CM)	498	408
School of Business(CM)	1,114	991	School of Business (CM)	316	197
University College (CM)	325	249	School of Nursing (CM)	92	34
<b>Camden Total</b>	<b>4,857</b>	<b>4,279</b>	<b>Camden Total</b>	<b>1,464</b>	<b>953</b>
Continuing Education	115	46	EJ Bloustein School of Planning	213	186
EJ Bloustein School of Planning	78	64	Grad. Sch. Appl. & Prof. Psych.	208	159
Mason Gross School of the Arts	739	732	Graduate School-New Brunswick	4,326	3,109
Rutgers Business School	2,964	2,939	Graduate School of Education	905	518
Sch. Environmental/Biological Sci.	3,675	3,513	Mason Gross School of the Arts	306	191
Sch. Management & Labor Rel.	347	256	Sch.of Comm. & Info.	385	206
School of Arts & Sciences	20,681	20,062	Sch.of Mgmt & Labor Rel.	371	290
School of Engineering	3,607	3,541	School of Social Work	1,773	1,445
Ernest Mario School of Pharmacy (RBHS)	866	862	Continuing Education	27	9
Sch of Nursing (RBHS)	773	622	E. Mario Sch. of Pharm. (RBHS)	379	378
Sch. of Health Related Prof.(RBHS)	699	484	Grad. Sch. of Biomedical Sci.(RBHS)	744	635
			NJ Medical School (RBHS)	731	731
			RW Johnson Medical School(RBHS)	572	571
			Sch. of Health Related Prof.(RBHS)	1,075	716
			Sch. of Nursing (RBHS)	931	444
			School of Dental Medicine(RBHS)	487	487
			School of Public Health(RBHS)	377	218
			Biopharma	24	23
<b>New Brunswick Total</b>	<b>34,544</b>	<b>33,122</b>	<b>New Brunswick Total</b>	<b>13,834</b>	<b>10,317</b>
Newark Coll. of Arts & Sciences	3,478	3,239	Graduate School-Newark	932	633
Rutgers Business School	2,309	2,070	Rutgers Business School	1,844	977
Sch of Criminal Justice	613	571	Sch of Public Affairs & Admin.	425	239
Sch. Public Affairs & Admin.	158	145	School of Criminal Justice	25	19
University College (NK)	850	407	Sch. of Law(NK)	680	560
<b>Newark Total</b>	<b>7,408</b>	<b>6,431</b>	<b>Newark Total</b>	<b>3,906</b>	<b>2,429</b>
<b>Total Undergraduate</b>	<b>46,809</b>	<b>43,832</b>	<b>Total Graduate &amp; Professional</b>	<b>19,204</b>	<b>13,699</b>
			<b>TOTAL STUDENTS</b>	<b>66,013</b>	<b>57,531</b>

\* FTE is calculated by adding full-time and one-third part-time students

**FY 2014 Unduplicated Enrollments\***  
**Rutgers - Universitywide**

	Headcount Enrollment	Credit Hours	FTE **
Undergraduate	53,276	1,393,837	46,461
Graduate	21,904	279,194	11,633
Doctoral-Professional Practice			4,030
TOTAL	75,180	1,673,031	62,124

\*Data is for Fiscal Year July 1, 2013 to June 30, 2014

**2014 Non-Credit Course Enrollments  
Rutgers - Universitywide**

	<b>Courses/ Programs Offered</b>	<b>Total Instructional Hours</b>	<b>Student Enrollments</b>
Office of Continuing Professional Education	7,497	97,807	178,738
NJ Agricultural Experiment Station			
<i>Distance Learning Courses</i>	159	2,385	3,438
<i>Educational Meetings for Clientele</i>			
Planned & Conducted as part of program	21,502	35,776	109,951
Lectures/Speaking Engagements Requested by Others	1,603	4,045	157,987
Home/Farm/Field/Extension Office Visits	13,223		
<i>NJ SNAP-Ed Indirect Education Unit Outreach</i>			
Planned & Conducted for Adults	3,885	1,516	27,389
<b>Total Non-Credit Enrollments</b>	<b>47,869</b>	<b>141,529</b>	<b>477,503</b>





*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 2014**

Admission Status	Full-Time Students *					
	Math	N	Reading	N	Writing	N
Regular Admits	629.5	6,517	575.8	6,517	594.1	6,516
EOF Admits	529.7	479	484.5	479	496.2	479
Special Admits	537.9	412	491.6	412	503.3	412
All Admits	618.0	7,408	565.2	7,408	582.7	4,707

Admission Status	Part-Time Students *					
	Math	N	Reading	N	Writing	N
Regular Admits	573.6	11	574.6	11	577.0	10
EOF Admits						
Special Admits						
All Admits	540.0	12	559.2	12	560.9	11

\* Missing Scores: Full-Time Students - Math and Reading 432; Writing 433  
Part-time Students - Math and Reading 8; Writing 9

### Enrollment in Remediation Courses, Fall 2014

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 2014

Fall 2014 Total Undergraduate Enrollment	Number of Students Enrolled in One or More Remedial Courses *	Percent of Total
46,809	1,814	3.9%

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

#### Total number of First-time, Full-time (FTFT) students enrolled in remediation in Fall 2014

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
7,840	1,733	22.1%

#### First-time, Full-time students (FTFT) enrolled in remediation in Fall 2014 by subject area

Subject Area	Number of FTFT Enrolled	Percent of all FTFT Enrolled
Reading		
Writing		
English	824	10.5%
Math Computation	54	0.7%
Elementary Algebra	1,194	15.2%

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

Total English	824	10.5%
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**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 2014

By Race/Ethnicity						
	Full-Time		Part-Time		Total	
	N	Percent	N	Percent	N	Percent
African American	4,103	9.7%	579	13.0%	4,682	10.0%
American Indian	31	0.1%	3	0.1%	34	0.1%
Asian*	10,386	24.5%	613	13.7%	10,999	23.5%
Latino	5,991	14.1%	639	14.3%	6,630	14.2%
White	17,466	41.2%	1,937	43.4%	19,403	41.5%
Non Resident Alien	2,211	5.2%	75	1.7%	2,286	4.9%
Unknown*	2,156	5.1%	619	13.9%	2,775	5.9%
<b>Total</b>	<b>42,344</b>		<b>4,465</b>		<b>46,809</b>	

By Gender						
	Full-Time		Part-Time		Total	
	N	Percent	N	Percent	N	Percent
Female	20,919	49.4%	1,950	43.7%	22,869	48.9%
Male	21,425	50.6%	2,515	56.3%	23,940	51.1%
<b>Total</b>	<b>42,344</b>		<b>4,465</b>		<b>46,809</b>	

By Age						
	Full-Time		Part-Time		Total	
	N	Percent	N	Percent	N	Percent
Less Than 18	119	0.3%	219	4.9%	338	0.7%
18-19	13,662	32.3%	143	3.2%	13,805	29.5%
20-21	16,883	39.9%	329	7.4%	17,212	36.8%
22-24	8,156	19.3%	1,242	27.8%	9,398	20.1%
25-29	2,122	5.0%	962	21.5%	3,084	6.6%
30-34	643	1.5%	497	11.1%	1,140	2.4%
35-39	304	0.7%	331	7.4%	635	1.4%
40-49	318	0.8%	453	10.1%	771	1.6%
50-64	134	0.3%	269	6.0%	403	0.9%
65 and Older	3	0%	14	0.3%	17	0.0%
Unknown	0	0%	6	0.1%	6	0.0%
<b>Total</b>	<b>42,344</b>		<b>4,465</b>		<b>46,809</b>	

\*Note: Asian includes Pacific Islanders and Unknown includes "Two or More" Races

**Financial Aid from Federal, State  
and  
Institution-Funded Programs, AY 2013-14**

	<u>Recipients</u>	<u>Dollars (\$)</u>	<u>\$/Recipient</u>
<b><u>FEDERAL PROGRAMS</u></b>			
Pell Grants	16,834	70,106,000	4,164.55
College Work Study	3,179	4,189,000	1,317.71
Perkins Loans	3,456	4,530,000	1,310.76
SEOG	1,381	1,715,000	1,241.85
PLUS Loans	2,771	38,339,000	13,835.80
Stafford Loans (Subsidized)	22,506	95,233,000	4,231.45
Stafford Loans (Unsubsidized)	22,770	81,173,000	3,564.91
SMART & ACG or other	0	0	--
<b><u>STATE PROGRAMS</u></b>			
Tuition Aid Grants (TAG)	12,805	9,962,000	777.98
Educational Opportunity Fund (EOF)	2,657	284,000	106.89
Outstanding Scholars (OSRP)	171	44,000	257.31
Distinguished Scholars	4	0	-
Urban Scholars	0	0	
NJ STARS	0	0	
NJCLASS Loans	1,401	1,591,000	1,135.62
<b><u>INSTITUTIONAL PROGRAMS</u></b>			
Grants/Scholarships	24,962	91,078,000	3,648.67
Loans	87	2,709,000	31,137.93

Source: NJIPEDS Form #41 Student Financial Aid Report

**Undergraduate Enrollment by State of Residence  
Total and First-Time Undergraduates, Fall 2014**

**FIRST-TIME UNDERGRADUATES**

Place of Residence	Enrollment	
	Number	Percentage
New Jersey	6,702	85.3
Non-New Jersey	1,158	14.7
<b>Total</b>	<b>7,860</b>	

**TOTAL UNDERGRADUATES**

Place of Residence	Enrollment	
	Number	Percentage
New Jersey	42,375	90.5
Non-New Jersey	4,434	9.5
<b>Total</b>	<b>46,809</b>	



*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section D*

*Student Outcomes*

Degrees Conferred, FY 2013-14

By Race/Ethnicity										
	Associates		Baccalaureate		Masters		Doctoral		First-Professional	
	N	Percent	N	Percent	N	Percent	N	Percent	N	Percent
African American			959	9.4	309	7.8	37	5.2	55	4.6
American Indian			9	0.1	2	0.1	0	0.0	0	0.0
Asian			2,185	21.4	358	9.0	38	5.4	180	15.1
Latino			1,310	12.8	267	6.7	17	2.4	61	5.1
White			4,721	46.1	1,600	40.2	247	34.9	444	37.2
Two or More			311	3.0	67	1.7	3	0.4	17	1.4
Non Resident Alien	3	4.2	209	2.0	677	17.0	216	30.5	36	3.0
Unknown	69	95.8	528	5.2	705	17.7	150	21.2	402	33.6
<b>Total</b>	<b>72</b>		<b>10,232</b>		<b>3,985</b>		<b>708</b>		<b>1,195</b>	

By Gender										
	Associates		Baccalaureate		Masters		Doctoral		First-Professional	
	N	Percent	N	Percent	N	Percent	N	Percent	N	Percent
Male	15	20.8	4,826	47.2	1,580	39.6	309	43.6	609	51.0
Female	57	79.2	5,406	52.8	2,405	60.4	399	56.4	586	49.0
<b>Total</b>	<b>72</b>		<b>10,232</b>		<b>3,985</b>		<b>708</b>		<b>1,195</b>	

## Degrees Conferred by General Field, FY 2014

IPEDS CIP Code Major Category	Associate	Baccalaureate	Master	Doctorate	First Professional	Total
Agricultural Sciences		126	26	9		161
Conservation & Renew Resources		109	7	10		126
Architecture		35	68			103
Area Studies		57	8	6		71
Business/Management		1,886	1,047	31		2,964
Communications		655				655
Computer Sciences		315	65	15		395
Education			284	39		323
Engineering		746	210	66		1,022
English/Letters		303	64	10		377
Exercise Science & Sport Studies		367				367
Foreign Language		130	31	15		176
Health Sciences	72	868	573	133	655	2,301
History		248	28	15		291
Law					516	516
Liberal Studies		35	10			45
Library Science			118	16		134
Life Sciences		818	203	92		1,113
Mathematics		148	150	24		322
Multidiscipline		126	74	12		212
Philosophy/Religion		69	2	12		83
Physical Sciences		160	27	56		243
Protective Service		563	34	8		605
Psychology		943	71	57		1,071
Public Administration		232	724	9		965
Social Sciences		999	78	65		1,142
Visual/Performing Arts		294	83	8	24	409
<b>TOTAL</b>	<b>72</b>	<b>10,232</b>	<b>3,985</b>	<b>708</b>	<b>1,195</b>	<b>16,192</b>

**Four-, Five- and Six-Year Graduation Rates of Fall 2008  
Full-time First-time Freshmen by Race/Ethnicity**

Race/Ethnicity	Fall 2008 Cohort	Graduates after 4 Years		Graduates after 5 Years		Graduates after 6 Years	
	N	N	%	N	%	N	%
African American	643	247	38.4	399	62.1	439	68.3
Asian	1,676	983	58.7	1,316	78.5	1,377	82.2
Latino	884	330	37.3	529	59.8	583	66.0
White	3,288	1,950	59.3	2,499	76.0	2,599	79.0
Non-Resident Alien	103	53	51.5	65	63.1	70	68.0
Other *	415	195	43.0	276	65.6	296	70.1
<b>Total</b>	<b>7,009</b>	<b>3,758</b>	<b>48.1</b>	<b>5,084</b>	<b>66.9</b>	<b>5,364</b>	<b>74.1</b>

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

**Third Semester Retention of Full-time First-time Freshmen  
by Attendance, Fall 2013 to Fall 2014**

Race/Ethnicity	Retained		Not Retained		TOTAL	
	N	%	N	%	N	%
<b>Full-Time</b>	7,135	90.6	737	9.4	7,872	100
<b>Part-Time</b>	9	60.0	6	40.0	15	100
<b>Total</b>	7,144	90.6	743	9.4	7,887	100

**Third Semester Retention of Full-time First-time Freshmen  
by Race/Ethnicity, Fall 2013 to Fall 2014**

Race/Ethnicity	RETAINED		NOT RETAINED		TOTAL
	N	%	N	%	N
African American	558	87.9	77	12.1	635
American Indian	6	100.0	0		6
Asian	2,112	94.2	129	5.8	2,241
Hawaiian	22	91.7	2	8.3	24
Latino	925	90.0	103	10.0	1,028
White	2,691	89.5	315	10.5	3,006
Two or More	260	87.0	39	13.0	299
Non-Resident Alien	407	87.2	60	12.8	467
Unknown	154	92.8	12	7.2	166
<b>Total</b>	<b>7,135</b>	<b>90.6</b>	<b>737</b>	<b>9.4</b>	<b>7,872</b>

*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 2014

Race/Ethnicity	Gender	TENURED				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	22	13	0	0	35
	Female	10	19	0	0	29
American Indian	Male	0	1	0	0	1
	Female	0	1	0	0	1
Asian *	Male	125	48	0	0	173
	Female	23	27	0	0	50
Latino	Male	20	15	0	0	35
	Female	5	10	0	0	15
White	Male	691	230	0	0	921
	Female	260	173	0	0	433
Non-Resident Alien	Male	17	29	0	0	46
	Female	6	19	0	0	25
Unknown *	Male	19	9	0	0	28
	Female	8	13	0	0	21
Total	Male	894	345	0	0	1,239
	Female	312	262	0	0	574

Race/Ethnicity	Gender	WITHOUT TENURE				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	4	7	23	7	41
	Female	3	13	41	15	72
American Indian	Male	0	0	0	0	0
	Female	0	0	0	1	1
Asian *	Male	13	36	96	16	161
	Female	7	27	76	38	148
Latino	Male	1	2	13	4	20
	Female	0	1	17	9	27
White	Male	69	99	226	115	509
	Female	43	99	254	136	532
Non-Resident Alien	Male	2	16	81	20	119
	Female	2	12	58	17	89
Unknown *	Male	9	23	112	46	190
	Female	7	17	138	62	224
Total	Male	98	183	551	208	1,040
	Female	62	169	584	278	1,093

Race/Ethnicity	Gender	TOTAL				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	26	20	23	7	76
	Female	13	32	41	15	101
American Indian	Male	0	1	0	0	1
	Female	0	1	0	1	2
Asian *	Male	138	84	96	16	334
	Female	30	54	76	38	198
Latino	Male	21	17	13	4	55
	Female	5	11	17	9	42
White	Male	760	329	226	115	1,430
	Female	303	272	254	136	965
Non-Resident Alien	Male	19	45	81	20	165
	Female	8	31	58	17	114
Unknown *	Male	28	32	112	46	218
	Female	15	30	138	62	245
Total	Male	992	528	551	208	2,279
	Female	374	431	584	278	1,667

\*Note: Asian includes Pacific Islanders and Unknown includes Two or More Races.



**Instructional Faculty  
Ratio of Full-time/Part-time Faculty  
Fall 2014**

<b>FACULTY</b>	<b>N</b>	<b>%</b>
Full-time Faculty	3,946	55.7
Part-time Faculty	3,137	44.3
Total	7,083	100

**Percentage of Course Sections Taught  
By Full-Time and Part-Time Faculty  
Fall 2014**

Total Number of Course Sections	Taught by Full-time Faculty		Taught by Part-time Faculty		Taught by Others	
	N	%	N	%	N	%
10,298	5,602	54.4	4,032	39.2	664	6.4

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–New Brunswick 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

**Felix Browder**, University Professor of Mathematics, Department of Mathematics, School of Arts and Sciences  
Election Year: 1973

**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

**James Flanagan**, Professor Emeritus, Department of Electrical and Computer Engineering, School of Engineering  
Election Year: 1983

**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

### **NATIONAL ACADEMY OF ENGINEERING**

**James Flanagan**, Professor Emeritus, Department of Electrical and Computer Engineering, School of Engineering  
Election Year: 1978

**Richard H. Frenkiel**, Visiting Professor, Department of Electrical and Computer Engineering, School of Engineering  
Election Year: 1997

**James D. Idol**, Professor Emeritus, Department of Materials Science and Engineering, School of Engineering  
Election Year: 1986

**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

**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

**Elias Snitzer**, Professor Emeritus, Department of Materials Science and Engineering, School of Engineering  
Election Year: 1979

**John B. Wachtman Jr.**, Professor Emeritus, Department of Materials Science and Engineering, School of Engineering  
Election Year: 1976

## **INSTITUTE 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

**Gerald N. Grob**, Henry E. Sigerist Professor of the History of Medicine Emeritus, Department of History, School of Arts and Sciences; Institute for Health, Health Care Policy and Aging Research  
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

*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section F*

*Characteristics of the Governors and Trustees*

**Governing Board Characteristics \***  
**Fall, 2015**

**Board of Governors**

	White	African American	Latino	Asian	American Indian	Non-Resident Alien	Vacancy	Total
Male	7	2	1					10
Female	4			1				5
Vacancy								0
<b>Total</b>	11	2	1	1				15

**Board of Trustees**

	White	African American	Latino	Asian	American Indian	Non-Resident Alien	Vacancy	Total
Male	16	5	3	2				26
Female	9	4	1	0				14
Vacancy							5	5
<b>Total</b>	25	9	4	2			5	45

\*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/>





## Office of the Secretary of the University

## DIVERSITY TABLES – as of September 3, 2015

(Due to the signing of S-2468 & A-3988 by Governor Christie on February 5, 2015, the number of members on the Board of Trustees has been reduced.)

**BOARD OF GOVERNORS****Table 1**

AFRICAN AMERICAN MALE	2
ASIAN FEMALE	1
CAUCASIAN FEMALE	4
CAUCASIAN MALE	7
HISPANIC MALE	<u>1</u>
	15

**Table 2**

MALE	10
FEMALE	<u>5</u>
	15

**Table 3**

AFRICAN AMERICAN	2
ASIAN	1
CAUCASIAN	11
HISPANIC	<u>1</u>
	15

**Table 4**

<u>Minority</u>	
FEMALE	1
MALE	3

**Non-Minority**

FEMALE	4
MALE	<u>7</u>
	15

**BOARD OF TRUSTEES****Table 1**

AFRICAN AMERICAN FEMALE	4
AFRICAN AMERICAN MALE	5
ASIAN FEMALE	0
ASIAN MALE	2
CAUCASIAN FEMALE	9
CAUCASIAN MALE	16
HISPANIC FEMALE	1
HISPANIC MALE	3
VACANCIES	<u>5</u>
	45

**Table 2**

FEMALE	14
MALE	26
VACANCIES	<u>5</u>
	45

**Table 3**

AFRICAN AMERICAN	9
ASIAN	2
CAUCASIAN	25
HISPANIC	4
VACANCIES	<u>5</u>
	45

**Table 4**

<u>Minority</u>	
FEMALE	5
MALE	10

**Non-Minority**

FEMALE	9
MALE	16
VACANCIES	<u>5</u>
	45

**Governing Board Characteristics**  
**Members of the Board of Governors and/or Trustees**  
**FY 2015-2016**

**Board of Governors**

NAME	TITLE	AFFILIATION
<i>Robert L. Barchi</i>	President	Ex Officio Member of the Board of Governors
<i>Mark A. Angelson</i>	Chairman	Institute of International Education's Scholar Rescue Fund
<i>Gregory Q. Brown</i>	Chairman and Chief Executive Officer	Motorola Solutions, Inc.
<i>Dorothy W. Cantor</i>	Psychologist	Private Practice - Westfield, New Jersey
<i>Margaret T. Derrick</i>	Senior Counselor, Retired	Consumer Credit Counseling Services of N.J., Inc.
<i>Lora L. Fong</i>	Partner	Brown Moskowitz & Kallen, P.C.
<i>Ann B. Gould</i>	Faculty Representative - 2016	School of Environmental and Biological Sciences (SEBS) - Plant Biology & Pathology
<i>Mark P. Hershhorn</i>	Chairman and CEO	CKS & Associates
<i>Susan M. McCue</i>	President	Message Global LLC
<i>Martin Perez</i>	Attorney	Perez & Bomblyn P.C.; Founder and President of the Latino Leadership Alliance of New Jersey (LLANJ)
<i>Samuel Rabinowitz</i>	Faculty Representative - 2016	School of Business-Camden
<i>Joseph M. Rigby</i>	Chairman of the Board, President and Chief Executive Officer	Pepco Holdings, Inc.
<i>Dudley H. Rivers, Jr.</i>	Global Controller	Financial Services, Johnson & Johnson Corporate
<i>Richard W. Roper</i>	President	The Roper Group, Public Policy Consulting
<i>Kenneth M. Schmidt</i>	Retired, Managing Director	Dillon Read & Co., Inc.
<i>Sandy J. Stewart</i>	Retired	Biotech Entrepreneur
<i>Candace L. Straight</i>	Private Investor	Director and Investment Banking Consultant
<i>William M. Tambussi</i>	Partner	Brown & Connery, LLP

**Governing Board Characteristics**  
**Members of the Board of Governors and/or Trustees**  
**FY 2015-2016**

**Board of Trustees**

<b>NAME</b>	<b>TITLE</b>	<b>AFFILIATION</b>
<i>Robert L. Barchi</i>	President	Ex Officio Member of the Board of Governors
<i>Michael W. Azzara</i>	Senior Consultant	Foley Proctor Yoskowitz
<i>Rahn K. Bailey</i>	Chairman and Professor	Department of Psychiatry, Wake Forest Baptist Medical Center
<i>Gregory Bender</i>	Senior Packaging, Handling, Storage and Transportation Engineer	Naval Surface Warfare Center, Indian Head Division
<i>William E. Best</i>	Senior Vice President	PNC Bank
<i>Dominick J. Burzichelli</i>	Vice President and Chief Operating Officer	Rowan College at Gloucester County
<i>Hollis A. Copeland</i>	Principal-Institutional Stock Broker	Williams Capital Group
<i>Anthony Covington</i>	Student Charter Trustee, 2019	School of Arts and Sciences, B.A., 2015
<i>Alan M. Crosta, Jr.</i>	Chairman	Department of Anesthesiology, Morristown Medical Center
<i>Steven M. Darien</i>	Chairman and Chief Executive Officer	The Cabot Advisory Group LLC
<i>Marisa A. Dietrich</i>	GSLE Program Specialist	Girl Scouts Central and Southern New Jersey
<i>Mary I. DiMartino</i>	Executive Director	J.P. Morgan Securities LLC
<i>Teresa A. Dolan</i>	Vice President and Chief Clinical Officer	DENTSPLY International
<i>James F. Dougherty</i>	Internist and Co-Owner	Metropolitan Veterinary Associates
<i>Norman H. Edelman</i>	Professor of Preventative and Internal Medicine	Core Faculty, Program in Public Health, State University of New York at Stony Brook
<i>Ronald J. Garutti</i>	Retired, Group Vice President and Head	Global Regulatory Affairs, Schering-Plough
<i>Evangeline Gomez</i>	Of Counsel	Fahy Choi, LLC

**Governing Board Characteristics**  
**Members of the Board of Governors and/or Trustees**  
**FY 2015-2016**

**Board of Trustees**

NAME	TITLE	AFFILIATION
<i>Diana Gonzalez</i>	Graduate Student Representative, 2016	Graduate School of Education
<i>M. Wilma Harris</i>	Retired, Vice President, Human Resources	Prudential
<i>Frank B. Hundley</i>	Vice President/Wealth Management Advisor	Merrill Lynch & Co., Inc.
<i>Nimesh S. Jhaveri</i>	Executive Director	Transforming Community Pharmacy, Walgreen Co.
<i>Roberta Kanarick</i>	Educational Consultant	
<i>Tilak Lal</i>	Managing Director	Risk Management, K2 Advisors
<i>Jennifer Lewis-Hall</i>	Broadcast Journalist, Radio Host, Television and Media Expert, President and Founder	The Journey Productions, LLC
<i>Debra Ann Lynch</i>	Director of Psychology	Hunterdon Developmental Center
<i>Rashida V. MacMurray-Abdullah</i>	Core and Forensics Senior Manager	Deloitte Financial Advisory Services, LLP
<i>Amy B. Mansue</i>	President and Chief Executive Officer	Children's Specialized Hospital, NJ
<i>Christina G. McGinnis</i>	Student Representative, 2016	School of Arts and Sciences
<i>Robert E. Mortensen</i>	Chief Executive Officer	Rift Valley Railways (Uganda); Board President, Board of Directors, The Philadelphia Singers and Principal, R.E. Mortensen Associates (Transportation Consultants)
<i>Daniel J. Phelan</i>	Retired, Chief of Staff and Member, Board of Directors	GlaxoSmithKline TE Connectivity
<i>Jose A. Piazza</i>	Vice President - Finance Transformation Program	Verizon Services Operations
<i>George A. Rears</i>	Senior Director, Information Technology	Association Headquarters, Inc.

**Governing Board Characteristics**  
**Members of the Board of Governors and/or Trustees**  
**FY 2015-2016**

**Board of Trustees**

<b>NAME</b>	<b>TITLE</b>	<b>AFFILIATION</b>
<i>James H. Rhodes</i>	Deputy County Administrator	County of Camden
<i>Alejandro Roman</i>	Relationship Manager	Institutional Client Services, Vanguard
<i>Asha Samant</i>	Faculty Representative - 2016	Department Restorative Dentistry, Rutgers School of Dental Medicine
<i>Carole Sampson-Landers</i>	Director, Global Development, Women's Health	Bayer Healthcare
<i>Sidney D. Seligman</i>	Senior Vice President and Chief Human Resources Officer	St. Barnabas Health
<i>Richard H. Shindell</i>	Retired, Vice President	T. Rowe Price Association
<i>Menahem Spiegel</i>	Faculty Representative - 2016	Department of Finance and Economics
<i>Susan Stabile</i>	School Nurse	Newark Public Schools
<i>Kate Sweeney</i>	Senior Vice President-Financial Advisor, Certified Financial Planner	Morgan Stanley
<i>Heather C. Taylor</i>	Director	EisnerAmper LLP
<i>Edgar Torres</i>	Assistant Professor	Massachusetts General Hospital Institute of Health Professions
<i>Lucas J. Visconti</i>	Chief Executive Officer	DiversityInc Media LLC
<i>Ronald D. Wilson</i>	Retired, President and Chief Operating Officer	Philadelphia Coca-Cola Bottling Company



*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section G*

*A Profile of the Institution - Degree Programs*

STATE OF NEW JERSEY -- COMMISSION ON HIGHER EDUCATION  
 INVENTORY OF PROGRAMS OFFERED BY NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION

Rutgers University - Camden Campus

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Bachelor's	520301	B.S.	Accounting	Accounting and Related Services
Bachelor's	50201	B.A.	Afro-American Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Bachelor's	500701	B.A.	Art	Fine and Studio Arts
Bachelor's	260101	B.A.	Biology	Biology, General
Bachelor's	260101	B.S.	Biology	Biology, General
Bachelor's	511005	B.S.	Biomedical Technology	Clinical/Medical Laboratory Science/Research and Allied Professions
Bachelor's	520201	B.A.	Business Administration	Business Administration, Management and Operations
Bachelor's	400501	B.A.	Chemistry	Chemistry
Bachelor's	400501	B.S.	Chemistry	Chemistry
Bachelor's	309999	B.A.	Childhood Studies	Multi/Interdisciplinary Studies, Other
Bachelor's	261104	B.S.	Computational & Integrative Biology	Biostatistics, Bioinformatics, and Computational Biology
Bachelor's	110101	B.A.	Computer Science	Computer and Information Sciences, General
Bachelor's	110101	B.S.	Computer Science	Computer and Information Sciences, General
Bachelor's	430104	B.A.	Criminal Justice	Criminal Justice and Corrections
Bachelor's	450601	B.A.	Economics	Economics
Bachelor's	230101	B.A.	English	English Language and Literature, General
Bachelor's	520801	B.S.	Finance	Finance and Financial Management Services
Bachelor's	160901	B.A.	French	Romance Languages, Literatures, and Linguistics
Bachelor's	300101	B.A.	General Science	Biological and Physical Sciences
Bachelor's	160501	B.A.	German	Germanic Languages, Literatures, and Linguistics
Bachelor's	510000	B.A.	Health Sciences	Health Services/Allied Health/Health Sciences, General
Bachelor's	540101	B.A.	History	History
Bachelor's	520901	B.H.M.	Hospitality Management	Hospitality Administration/Management
Bachelor's	521001	B.S.	Human Resource Management	Human Resources Management and Services
Bachelor's	309999	B.A.	Interdisciplinary/Individual/Interdepartmental	Multi/Interdisciplinary Studies, Other
Bachelor's	309999	B.S.	Interdisciplinary/Individual/Interdepartmental	Multi/Interdisciplinary Studies, Other
Bachelor's	240101	B.A.	Liberal Studies	Liberal Arts and Sciences, General Studies and Humanities
Bachelor's	520201	B.S.	Management	Business Administration, Management and Operations
Bachelor's	521401	B.S.	Marketing	Marketing
Bachelor's	270101	B.A.	Mathematics	Mathematics
Bachelor's	270101	B.S.	Mathematics	Mathematics
Bachelor's	500901	B.A.	Music	Music
Bachelor's	513801	B.S.	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Bachelor's	380101	B.A.	Philosophy	Philosophy
Bachelor's	400801	B.A.	Physics	Physics
Bachelor's	400801	B.S.	Physics	Physics
Bachelor's	451001	B.A.	Political Science	Political Science and Government
Bachelor's	420101	B.A.	Psychology	Psychology, General
Bachelor's	440701	B.A.	Social Work	Social Work
Bachelor's	451101	B.A.	Sociology	Sociology
Bachelor's	160905	B.A.	Spanish	Romance Languages, Literatures, and Linguistics



**STATE OF NEW JERSEY -- COMMISSION ON HIGHER EDUCATION  
INVENTORY OF PROGRAMS OFFERED BY NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION**

**Rutgers University - Camden Campus**

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<b>Bachelor's</b>	500501	B.A.	Theater	Drama/Theatre Arts and Stagecraft
<b>Bachelor's</b>	451201	B.A.	Urban Studies	Urban Studies/Affairs
<b>Post-Baccalaureate</b>	513899	Grad.Cert.	School Nurse	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<b>Post-Baccalaureate</b>	300101	Grad.Cert.	Science and Technology Management	Biological and Physical Sciences
<b>Master's</b>	520301	M.Acc.	Accounting	Accounting and Related Services
<b>Master's</b>	260101	M.S.	Biology	Biology, General
<b>Master's</b>	260101	M.S.T.	Biology	Biology, General
<b>Master's</b>	520201	M.B.A.	Business Administration	Business Administration, Management and Operations
<b>Master's</b>	521301	M.S.	Business Analytics	Management Sciences and Quantitative Methods
<b>Master's</b>	300101	M.B.S.	Business and Science	Biological and Physical Sciences
<b>Master's</b>	400501	M.S.	Chemistry	Chemistry
<b>Master's</b>	309999	M.A.	Childhood Studies	Multi/Interdisciplinary Studies, Other
<b>Master's</b>	261104	M.S.	Computational and Integrative Biology	Biomathematics, Bioinformatics, and Computational Biology
<b>Master's</b>	110701	M.S.	Computer Science	Computer Science
<b>Master's</b>	231302	M.F.A.	Creative Writing	Rhetoric and Composition/Writing Studies
<b>Master's</b>	430104	M.A.	Criminal Justice	Criminal Justice and Corrections
<b>Master's</b>	230101	M.A.	English	English Language and Literature, General
<b>Master's</b>	160101	M.A.T.	Foreign Language	Linguistic, Comparative, and Related Language Studies and Services
<b>Master's</b>	540101	M.A.	History	History
<b>Master's</b>	240101	M.A.	Liberal Studies	Liberal Arts and Sciences, General Studies and Humanities
<b>Master's</b>	279999	M.S.	Mathematical Sciences	Mathematics and Statistics, Other
<b>Master's</b>	512308	M.P.T.	Physical Therapy	Rehabilitation and Therapeutic Professions
<b>Master's</b>	420101	M.A.	Psychology	Psychology, General
<b>Master's</b>	440401	M.P.A.	Public Administration	Public Administration
<b>Master's</b>	512201	M.P.H.	Public Health	Public Health
<b>Master's</b>	440701	M.S.W.	Social Work	Social Work
<b>Post-Master's</b>	130401	Grad.Cert.	Educational Leadership	Educational Administration and Supervision
<b>Doctoral</b>	309999	Ph.D.	Childhood Studies	Multi/Interdisciplinary Studies, Other
<b>Doctoral</b>	261104	Ph.D.	Computational and Integrative Biology	Biomathematics, Bioinformatics, and Computational Biology
<b>Doctoral</b>	261503	Ph.D.	Neurosciences	Neurobiology and Neurosciences
<b>Doctoral</b>	513818	D.N.P.	Nursing Practice	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<b>Doctoral</b>	512308	D.P.T.	Physical Therapy	Rehabilitation and Therapeutic Professions
<b>Doctoral</b>	440501	Ph.D.	Public Affairs	Public Policy Analysis
<b>Professional</b>	220101	J.D.	Law	Law

STATE OF NEW JERSEY -- COMMISSION ON HIGHER EDUCATION  
 INVENTORY OF PROGRAMS OFFERED BY NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION

Rutgers University - New Brunswick Campus

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Pre-Bachelor's	40401	Certif	Environmental Planning	Environmental Design
Bachelor's	520301	B.S.	Accounting	Accounting and Related Services
Bachelor's	160101	B.A.	African/Middle Eastern and South Asian Languages & Literatures	Linguistic, Comparative, and Related Language Studies and Services
Bachelor's	50201	B.A.	Africana Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Bachelor's	10000	B.S.	Agriculture and Food Systems	Agriculture, General
Bachelor's	50102	B.A.	American Studies	Area Studies
Bachelor's	10901	B.S.	Animal Sciences	Animal Sciences
Bachelor's	450201	B.A.	Anthropology	Anthropology
Bachelor's	141301	B.S.	Applied Sciences In Engineering	Engineering Science
Bachelor's	500703	B.A.	Art History	Fine and Studio Arts
Bachelor's	400202	B.S.	Astrophysics	Astronomy and Astrophysics
Bachelor's	260202	B.A.	Biochemistry	Biochemistry, Biophysics and Molecular Biology
Bachelor's	140301	B.S.	Bioenvironmental Engineering	Agricultural Engineering
Bachelor's	260101	B.A.	Biological Sciences	Biology, General
Bachelor's	260101	B.S.	Biological Sciences	Biology, General
Bachelor's	261101	B.A.	Biomathematics	Biomathematics, Bioinformatics, and Computational Biology
Bachelor's	140501	B.S.	Biomedical Engineering	Biomedical/Medical Engineering
Bachelor's	261201	B.S.	Biotechnology	Biotechnology
Bachelor's	521301	B.S.	Business Analytics & Information Technology	Management Sciences and Quantitative Methods
Bachelor's	260401	B.A.	Cell Biology & Neuroscience	Cell/Cellular Biology and Anatomical Sciences
Bachelor's	140701	B.S.	Chemical Engineering	Chemical Engineering
Bachelor's	400501	B.A.	Chemistry	Chemistry
Bachelor's	160301	B.A.	Chinese	East Asian Languages, Literatures, and Linguistics
Bachelor's	140801	B.S.	Civil Engineering	Civil Engineering
Bachelor's	161200	B.A.	Classics	Classics and Classical Languages, Literatures, and Linguistics
Bachelor's	90101	B.A.	Communication	Communication and Media Studies
Bachelor's	160104	B.A.	Comparative Literature	Linguistic, Comparative, and Related Language Studies and Services
Bachelor's	110101	B.A.	Computer Science	Computer and Information Sciences, General
Bachelor's	110101	B.S.	Computer Science	Computer and Information Sciences, General
Bachelor's	430103	B.A.	Criminal Justice	Criminal Justice and Corrections
Bachelor's	500301	B.A.	Dance	Dance
Bachelor's	500301	B.F.A.	Dance	Dance
Bachelor's	50104	B.A.	East Asian Languages & Area Studies	Area Studies
Bachelor's	30201	B.S.	Ecology/Evolution and Natural Resources	Natural Resources Management and Policy
Bachelor's	450601	B.A.	Economics	Economics
Bachelor's	141001	B.S.	Electrical & Computer Engineering	Electrical, Electronics and Communications Engineering
Bachelor's	230101	B.A.	English	English Language and Literature, General
Bachelor's	459999	B.S.	Environmental & Business Economics	Social Sciences, Other
Bachelor's	40401	B.S.	Environmental Planning & Design	Environmental Design
Bachelor's	30103	B.S.	Environmental Policy/ Institutions & Behavior	Natural Resources Conservation and Research

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Bachelor's	30104	B.S.	Environmental Sciences	Natural Resources Conservation and Research
Bachelor's	50106	B.A.	European Studies	Area Studies
Bachelor's	450201	B.S.	Evolutionary Anthropology	Anthropology
Bachelor's	310505	B.S.	Exercise Science & Sport Studies	Health and Physical Education/Fitness
Bachelor's	520801	B.S.	Finance	Finance and Financial Management Services
Bachelor's	11001	B.S.	Food Science	Food Science and Technology
Bachelor's	160901	B.A.	French	Romance Languages, Literatures, and Linguistics
Bachelor's	260802	B.A.	Genetics	Genetics
Bachelor's	260804	B.A.	Genetics & Microbiology	Genetics
Bachelor's	450701	B.A.	Geography	Geography and Cartography
Bachelor's	400601	B.S.	Geological Sciences	Geological and Earth Sciences/Geosciences
Bachelor's	160501	B.A.	German	Germanic Languages, Literatures, and Linguistics
Bachelor's	540101	B.A.	History	History
Bachelor's	540199	B.A.	History & French	History
Bachelor's	540101	B.A.	History & Political Science	History
Bachelor's	521001	B.A.	Human Resource Management	Human Resources Management and Services
Bachelor's	143501	B.S.	Industrial & Systems Engineering	Industrial Engineering
Bachelor's	110401	B.A.	Information Technology & Informatics	Information Science/Studies
Bachelor's	309999	B.A.	Interdisciplinary/Individual/Interdepartmental Major	Multi/interdisciplinary Studies, Other
Bachelor's	309999	B.S.	Interdisciplinary/Individual/Interdepartmental Major	Multi/interdisciplinary Studies, Other
Bachelor's	160902	B.A.	Italian	Romance Languages, Literatures, and Linguistics
Bachelor's	380206	B.A.	Jewish Studies	Religion/Religious Studies
Bachelor's	90401	B.A.	Journalism and Media Studies	Journalism
Bachelor's	521002	B.S.	Labor and Employment Relations	Human Resources Management and Services
Bachelor's	521002	B.A.	Labor Studies and Employment Relations	Human Resources Management and Services
Bachelor's	40601	B.S.	Landscape Architecture	Landscape Architecture
Bachelor's	50107	B.A.	Latin American Studies	Area Studies
Bachelor's	50203	B.A.	Latino & Hispanic Caribbean Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Bachelor's	160102	B.A.	Linguistics	Linguistic, Comparative, and Related Language Studies and Services
Bachelor's	520201	B.S.	Management	Business Administration, Management and Operations
Bachelor's	261302	B.S.	Marine Sciences	Ecology, Evolution, Systematics, and Population Biology
Bachelor's	521401	B.S.	Marketing	Marketing
Bachelor's	140601	B.S.	Materials Science & Engineering	Ceramic Sciences and Engineering
Bachelor's	270101	B.A.	Mathematics	Mathematics
Bachelor's	270101	B.S.	Mathematics	Mathematics
Bachelor's	141901	B.S.	Mechanical Engineering	Mechanical Engineering
Bachelor's	511005	B.S.	Medical Technology	Clinical/Medical Laboratory Science/Research and Allied Professions
Bachelor's	301301	B.A.	Medieval Studies	Medieval and Renaissance Studies
Bachelor's	400404	B.S.	Meteorology	Atmospheric Sciences and Meteorology
Bachelor's	260502	B.S.	Microbiology	Microbiological Sciences and Immunology
Bachelor's	50108	B.A.	Middle Eastern Studies	Area Studies

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Bachelor's	260204	B.S.	Molecular Biology & Biochemistry	Biochemistry, Biophysics and Molecular Biology
Bachelor's	500901	B.A.	Music	Music
Bachelor's	500903	B.Mus.	Music	Music
Bachelor's	301901	B.S.	Nutritional Sciences	Nutrition Sciences
Bachelor's	512099	B.S.	Pharmacy	Pharmacy, Pharmaceutical Sciences, and Administration
Bachelor's	380101	B.A.	Philosophy	Philosophy
Bachelor's	400801	B.A.	Physics	Physics
Bachelor's	400801	B.S.	Physics	Physics
Bachelor's	11101	B.S.	Plant Science	Plant Sciences
Bachelor's	451001	B.A.	Political Science	Political Science and Government
Bachelor's	160904	B.A.	Portuguese	Romance Languages, Literatures, and Linguistics
Bachelor's	420101	B.A.	Psychology	Psychology, General
Bachelor's	420101	B.S.	Psychology	Psychology, General
Bachelor's	512201	B.S.	Public Health	Public Health
Bachelor's	451201	B.S.	Public Policy	Urban Studies/Affairs
Bachelor's	380201	B.A.	Religion	Religion/Religious Studies
Bachelor's	160402	B.A.	Russian	Slavic, Baltic and Albanian Languages, Literatures, and Linguistics
Bachelor's	440701	B.A.	Social Work	Social Work
Bachelor's	451101	B.A.	Sociology	Sociology
Bachelor's	160905	B.A.	Spanish	Romance Languages, Literatures, and Linguistics
Bachelor's	270501	B.A.	Statistics	Statistics
Bachelor's	270501	B.A.	Statistics/Mathematics	Statistics
Bachelor's	520203	B.S.	Supply Chain and Marketing Science	Business Administration, Management and Operations
Bachelor's	500501	B.A.	Theater Arts	Drama/Theatre Arts and Stagecraft
Bachelor's	500501	B.F.A.	Theater Arts	Drama/Theatre Arts and Stagecraft
Bachelor's	500701	B.A.	Visual Arts	Fine and Studio Arts
Bachelor's	500701	B.F.A.	Visual Arts	Fine and Studio Arts
Bachelor's	50207	B.A.	Women's & Gender Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Post-Baccalaureate	300101	Grad.Cert.	Science and Technology Management	Biological and Physical Sciences
Mast.Cert.	303001	Grad.Cert.	Computational and Data-Enabled Science and Engineering	Computational Science
Mast.Cert.	380201	Grad.Cert.	Contemplative Studies	Religion/Religious Studies
Mast.Cert.	130501	Grad.Cert.	Educational Technology	Educational/Instructional Media Design
Mast.Cert.	30103	Grad.Cert.	Environmental Resource Monitoring	Natural Resources Conservation and Research
Mast.Cert.	10701	Grad.Cert.	International Agriculture/Environment	International Agriculture
Mast.Cert.	250101	Grad.Cert.	Library Services	Library Science and Administration
Mast.Cert.	131210	Certif	P-3 Education Certification	Teacher Education and Professional Development, Specific Levels and Methods
Mast.Cert.	300101	Grad.Cert.	Pharmaceuticals and Clinical Trials Management	Biological and Physical Sciences
Mast.Cert.	380201	Grad.Cert.	Religion and Conflict	Religion/Religious Studies
Mast.Cert.	380201	Grad.Cert.	Religions in America	Religion/Religious Studies

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<i>Master's</i>	380201	Grad.Cert.	Religious Studies	Religion/Religious Studies
<i>Master's</i>	520301	M.Accy.	Accounting	Accounting and Related Services
<i>Master's</i>	130408	M.Ed.	Administration & Supervision/Elementary Education	Educational Administration and Supervision
<i>Master's</i>	130409	M.Ed.	Administration & Supervision/Secondary Education	Educational Administration and Supervision
<i>Master's</i>	131201	M.Ed.	Adult & Continuing Education	Teacher Education and Professional Development, Specific Levels and Methods
<i>Master's</i>	450201	M.A.	Anthropology	Anthropology
<i>Master's</i>	450201	M.Phil.	Anthropology	Anthropology
<i>Master's</i>	500703	M.A.	Art History	Fine and Studio Arts
<i>Master's</i>	500703	M.Phil.	Art History	Fine and Studio Arts
<i>Master's</i>	500903	Diploma	Artist's Diploma In Music	Music
<i>Master's</i>	400499	M.S.	Atmospheric Science	Atmospheric Sciences and Meteorology
<i>Master's</i>	260202	M.S.	Biochemistry	Biochemistry, Biophysics and Molecular Biology
<i>Master's</i>	140301	M.S.	Bioenvironmental Engineering	Agricultural Engineering
<i>Master's</i>	140501	M.E.	Biomedical Engineering	Biomedical/Medical Engineering
<i>Master's</i>	140501	M.S.	Biomedical Engineering	Biomedical/Medical Engineering
<i>Master's</i>	300101	M.B.S.	Business and Science	Biological and Physical Sciences
<i>Master's</i>	260401	M.S.	Cell & Developmental Biology	Cell/Cellular Biology and Anatomical Sciences
<i>Master's</i>	261001	M.S.	Cellular & Molecular Pharmacology	Pharmacology and Toxicology
<i>Master's</i>	140701	M.Phil.	Chemical & Biochemical Engineering	Chemical Engineering
<i>Master's</i>	140701	M.S.	Chemical & Biochemical Engineering	Chemical Engineering
<i>Master's</i>	140701	M.E.	Chemical and Biochemical Engineering	Chemical Engineering
<i>Master's</i>	400501	M.Phil.	Chemistry & Chemical Biology	Chemistry
<i>Master's</i>	400501	M.S.	Chemistry & Chemical Biology	Chemistry
<i>Master's</i>	400501	M.S.T.	Chemistry & Chemical Biology	Chemistry
<i>Master's</i>	160301	M.A.T.	Chinese	East Asian Languages, Literatures, and Linguistics
<i>Master's</i>	40301	M.C.R.P.	City & Regional Planning	City/Urban, Community and Regional Planning
<i>Master's</i>	40301	M.C.R.S.	City & Regional Studies	City/Urban, Community and Regional Planning
<i>Master's</i>	140801	M.Phil.	Civil & Environmental Engineering	Civil Engineering
<i>Master's</i>	140801	M.S.	Civil & Environmental Engineering	Civil Engineering
<i>Master's</i>	161200	M.A.	Classics	Classics and Classical Languages, Literatures, and Linguistics
<i>Master's</i>	161200	M.A.T.	Classics	Classics and Classical Languages, Literatures, and Linguistics
<i>Master's</i>	161200	M.Phil.	Classics	Classics and Classical Languages, Literatures, and Linguistics
<i>Master's</i>	131102	Ed.M.	College Student Affairs	Student Counseling and Personnel Services
<i>Master's</i>	110401	M.C.I.S.	Communication & Information Studies	Information Science/Studies
<i>Master's</i>	250101	M.Phil.	Communication/Information/Library Studies	Library Science and Administration
<i>Master's</i>	160104	M.A.	Comparative Literature	Linguistic, Comparative, and Related Language Studies and Services
<i>Master's</i>	110101	M.Phil.	Computer Science	Computer and Information Sciences, General
<i>Master's</i>	110101	M.S.	Computer Science	Computer and Information Sciences, General
<i>Master's</i>	239999	M.F.A.	Critical Writing	English Language and Literature/Letters, Other
<i>Master's</i>	500301	M.F.A.	Dance	Dance

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Master's	131324	Ed.M.	Dance Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	160300	M.A.	East Asian Languages and Cultures	East Asian Languages, Literatures, and Linguistics
Master's	261301	M.S.	Ecology & Evolution	Ecology, Evolution, Systematics, and Population Biology
Master's	450603	M.A.	Economics	Economics
Master's	450603	M.Phil.	Economics	Economics
Master's	130101	M.A.	Education [Option Within Ph.D. Program Only]	Education, General
Master's	259999	M.L.S.	Educational Media Services	Library Science, Other
Master's	130603	M.Ed.	Educational Statistics & Measurement	Educational Assessment, Evaluation, and Research
Master's	141001	M.Phil.	Electrical & Computer Engineering	Electrical, Electronics and Communications Engineering
Master's	141001	M.S.	Electrical & Computer Engineering	Electrical, Electronics and Communications Engineering
Master's	131202	M.Ed.	Elementary/Early Childhood Education	Teacher Education and Professional Development, Specific Levels and Methods
Master's	10901	M.S.	Endocrinology and Animal Biosciences	Animal Sciences
Master's	131305	M.Ed.	English Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	260702	M.S.	Entomology	Zoology/Animal Biology
Master's	141401	M.S.	Environmental Sciences	Environmental/Environmental Health Engineering
Master's	521302	M.Fin.A.	Financial Analysis	Management Sciences and Quantitative Methods
Master's	10103	M.S.	Food & Business Economics	Agricultural Business and Management
Master's	11001	M.Phil.	Food Science	Food Science and Technology
Master's	11001	M.S.	Food Science	Food Science and Technology
Master's	160901	M.A.	French	Romance Languages, Literatures, and Linguistics
Master's	160901	M.A.T.	French	Romance Languages, Literatures, and Linguistics
Master's	450701	M.A.	Geography	Geography and Cartography
Master's	450701	M.Phil.	Geography	Geography and Cartography
Master's	450701	M.S.	Geography	Geography and Cartography
Master's	400601	M.Phil.	Geological Sciences	Geological and Earth Sciences/Geosciences
Master's	400601	M.S.	Geological Sciences	Geological and Earth Sciences/Geosciences
Master's	160501	M.A.	German	Germanic Languages, Literatures, and Linguistics
Master's	160501	M.Phil.	German	Germanic Languages, Literatures, and Linguistics
Master's	160501	M.S.	German	Germanic Languages, Literatures, and Linguistics
Master's	510701	M.S.	Health Care Management	Health and Medical Administrative Services
Master's	512007	M.S.	Health Outcomes, Policy, and Economics	Pharmacy, Pharmaceutical Sciences, and Administration
Master's	540101	M.A.	History	History
Master's	521001	M.H.R.M.	Human Resource Management	Human Resources Management and Services
Master's	143501	M.S.	Industrial & Systems Engineering	Industrial Engineering
Master's	250101	M.L.S.	Information Science	Library Science and Administration
Master's	110103	M.I.T.	Information Technology	Computer and Information Sciences, General
Master's	160902	M.A.	Italian	Romance Languages, Literatures, and Linguistics
Master's	160902	M.A.T.	Italian	Romance Languages, Literatures, and Linguistics
Master's	160902	M.Phil.	Italian	Romance Languages, Literatures, and Linguistics
Master's	380206	M.A.	Jewish Studies	Religion/Religious Studies
Master's	521001	M.L.E.R.	Labor & Employment Relations	Human Resources Management and Services
Master's	40601	M.L.A.	Landscape Architecture	Landscape Architecture

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Master's	131306	M.Ed.	Language Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	422806	M.Ed.	Learning/Cognition & Development	Clinical, Counseling and Applied Psychology
Master's	250101	M.L.I.S.	Library & Information Science	Library Science and Administration
Master's	259999	M.L.S.	Library Administration	Library Science, Other
Master's	160102	M.A.	Linguistics	Linguistic, Comparative, and Related Language Studies and Services
Master's	131399	M.Ed.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	230101	M.A.	Literatures In English	English Language and Literature, General
Master's	230101	M.Phil.	Literatures In English	English Language and Literature, General
Master's	140601	M.Phil.	Materials Science & Engineering	Ceramic Sciences and Engineering
Master's	140601	M.S.	Materials Science & Engineering	Ceramic Sciences and Engineering
Master's	270101	M.S.	Mathematics	Mathematics
Master's	131311	M.Ed.	Mathematics Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	141901	M.E.	Mechanical & Aerospace Engineering	Mechanical Engineering
Master's	141901	M.Phil.	Mechanical & Aerospace Engineering	Mechanical Engineering
Master's	141901	M.S.	Mechanical & Aerospace Engineering	Mechanical Engineering
Master's	141901	M.Phil.	Mechanics	Mechanical Engineering
Master's	141901	M.S.	Mechanics	Mechanical Engineering
Master's	512004	M.S.	Medicinal Chemistry	Pharmacy, Pharmaceutical Sciences, and Administration
Master's	260502	M.S.	Microbial Biology	Microbiological Sciences and Immunology
Master's	260503	M.Phil.	Microbiology & Molecular Genetics	Microbiological Sciences and Immunology
Master's	260802	M.S.	Microbiology & Molecular Genetics	Genetics
Master's	500901	M.A.	Music	Music
Master's	500901	M.M.	Music	Music
Master's	500901	M.Phil.	Music	Music
Master's	131312	M.M.	Music Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	261503	M.S.	Neuroscience	Neurobiology and Neurosciences
Master's	301901	M.Phil.	Nutritional Sciences	Nutrition Sciences
Master's	301901	M.S.	Nutritional Sciences	Nutrition Sciences
Master's	400607	M.S.	Oceanography	Geological and Earth Sciences/Geosciences
Master's	143701	M.S.	Operations Research	Operations Research
Master's	512004	M.S.	Pharmaceutical Science	Pharmacy, Pharmaceutical Sciences, and Administration
Master's	380101	M.A.	Philosophy	Philosophy
Master's	380101	M.Phil.	Philosophy	Philosophy
Master's	400801	M.S.T.	Physics	Physics
Master's	400899	M.Phil.	Physics & Astronomy	Physics
Master's	400899	M.S.	Physics & Astronomy	Physics
Master's	260901	M.S.	Physiology & Integrative Biology	Physiology, Pathology and Related Sciences
Master's	260301	M.Phil.	Plant Biology	Botany/Plant Biology
Master's	260301	M.S.	Plant Biology	Botany/Plant Biology
Master's	451001	M.A.	Political Science	Political Science and Government
Master's	451001	M.Phil.	Political Science	Political Science and Government

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Master's	420101	Psy.M.	Professional Psychology	Psychology, General
Master's	420101	M.A.	Psychology	Psychology, General
Master's	420101	M.S.	Psychology	Psychology, General
Master's	440501	M.P.A.P	Public Affairs & Politics	Public Policy Analysis
Master's	512201	M.P.H.	Public Health	Public Health
Master's	440501	M.P.P.	Public Policy	Public Policy Analysis
Master's	521399	M.Q.F.	Quantitative Finance	Management Sciences and Quantitative Methods
Master's	131315	M.Ed.	Reading	Teacher Education and Professional Development, Specific Subject Areas
Master's	380201	M.A.	Religious Studies	Religion/Religious Studies
Master's	130401	M.Ed.	School Business Administration	Educational Administration and Supervision
Master's	131101	M.Ed.	School Counseling and Counseling Psychology	Student Counseling and Personnel Services
Master's	131316	M.Ed.	Science Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	130901	M.Ed.	Social & Philosophical Foundations	Social and Philosophical Foundations of Education
Master's	131318	M.Ed.	Social Studies Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	440701	M.S.W.	Social Work	Social Work
Master's	451101	M.A.	Sociology	Sociology
Master's	451101	M.Phil.	Sociology	Sociology
Master's	160905	M.A.	Spanish	Romance Languages, Literatures, and Linguistics
Master's	160905	M.A.T.	Spanish	Romance Languages, Literatures, and Linguistics
Master's	131001	M.Ed.	Special Education	Special Education and Teaching
Master's	270501	M.Phil.	Statistics	Statistics
Master's	270501	M.S.	Statistics & Biostatistics	Statistics
Master's	520301	M.Accy.	Taxation	Accounting and Related Services
Master's	500501	M.F.A.	Theater Arts	Drama/Theatre Arts and Stagecraft
Master's	500501	M.T.A.	Theater Arts	Drama/Theatre Arts and Stagecraft
Master's	261004	M.S.	Toxicology	Pharmacology and Toxicology
Master's	500701	M.F.A.	Visual Arts	Fine and Studio Arts
Master's	131319	M.Ed.	Vocational-Technical Education	Teacher Education and Professional Development, Specific Subject Areas
Master's	50207	M.A.	Women's & Gender Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Prof. Post-Mast.	130401	Ed.S.	Educational Administration & Supervision	Educational Administration and Supervision
Prof. Post-Mast.	131202	Ed.S.	Elementary/Early Childhood Education	Teacher Education and Professional Development, Specific Levels and Methods
Prof. Post-Mast.	131306	Ed.S.	Language Education	Teacher Education and Professional Development, Specific Subject Areas
Prof. Post-Mast.	131399	Ed.S.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas
Prof. Post-Mast.	131311	Ed.S.	Mathematics Education	Teacher Education and Professional Development, Specific Subject Areas
Prof. Post-Mast.	131316	Ed.S.	Science Education	Teacher Education and Professional Development, Specific Subject Areas
Prof. Post-Mast.	130901	Ed.S.	Social & Philosophical Foundations	Social and Philosophical Foundations of Education
Prof. Post-Mast.	131318	Ed.S.	Social Studies Education	Teacher Education and Professional Development, Specific Subject Areas
Prof. Post-Mast.	131319	Ed.S.	Vocational-Technical Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	450201	Ph.D.	Anthropology	Anthropology



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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Doctoral	500703	Ph.D.	Art History	Fine and Studio Arts
Doctoral	400499	Ph.D.	Atmospheric Science	Atmospheric Sciences and Meteorology
Doctoral	260202	Ph.D.	Biochemistry	Biochemistry, Biophysics and Molecular Biology
Doctoral	300101	Ph.D.	Biomaps: Program in Computational Biology & Molecular Biophysics	Biological and Physical Sciences
Doctoral	140501	Ph.D.	Biomedical Engineering	Biomedical/Medical Engineering
Doctoral	260401	Ph.D.	Cell & Developmental Biology	Cell/Cellular Biology and Anatomical Sciences
Doctoral	261001	Ph.D.	Cellular & Molecular Pharmacology	Pharmacology and Toxicology
Doctoral	140701	Ph.D.	Chemical & Biochemical Engineering	Chemical Engineering
Doctoral	400501	Ph.D.	Chemistry & Chemical Biology	Chemistry
Doctoral	140801	Ph.D.	Civil & Environmental Engineering	Civil Engineering
Doctoral	161200	Ph.D.	Classics	Classics and Classical Languages, Literatures, and Linguistics
Doctoral	250101	Ph.D.	Communication/Library Studies	Library Science and Administration
Doctoral	160104	Ph.D.	Comparative Literature	Linguistic, Comparative, and Related Language Studies and Services
Doctoral	110101	Ph.D.	Computer Science	Computer and Information Sciences, General
Doctoral	131101	Ed.D.	Counseling Psychology	Student Counseling and Personnel Services
Doctoral	422806	Ed.D.	Design of Learning Environments	Clinical, Counseling and Applied Psychology
Doctoral	261301	Ph.D.	Ecology & Evolution	Ecology, Evolution, Systematics, and Population Biology
Doctoral	450603	Ph.D.	Economics	Economics
Doctoral	130101	Ph.D.	Education	Education, General
Doctoral	130901	Ed.D.	Education/Culture & Society	Social and Philosophical Foundations of Education
Doctoral	130401	Ed.D.	Educational Leadership	Educational Administration and Supervision
Doctoral	130603	Ed.D.	Educational Statistics & Measurement	Educational Assessment, Evaluation, and Research
Doctoral	141001	Ph.D.	Electrical & Computer Engineering	Electrical, Electronics and Communications Engineering
Doctoral	10901	Ph.D.	Endocrinology and Animal Biosciences	Animal Sciences
Doctoral	260702	Ph.D.	Entomology	Zoology/Animal Biology
Doctoral	141401	Ph.D.	Environmental Sciences	Environmental/Environmental Health Engineering
Doctoral	30104	Ph.D.	Environmental Sciences	Natural Resources Conservation and Research
Doctoral	11001	Ph.D.	Food Science	Food Science and Technology
Doctoral	160901	Ph.D.	French	Romance Languages, Literatures, and Linguistics
Doctoral	450701	Ph.D.	Geography	Geography and Cartography
Doctoral	400601	Ph.D.	Geological Sciences	Geological and Earth Sciences/Geosciences
Doctoral	160501	Ph.D.	German	Germanic Languages, Literatures, and Linguistics
Doctoral	540101	Ph.D.	History	History
Doctoral	143501	Ph.D.	Industrial & Systems Engineering	Industrial Engineering
Doctoral	521002	Ph.D.	Industrial Relations & Human Resources	Human Resources Management and Services
Doctoral	309999	Ph.D.	Interdisciplinary Program	Multi/interdisciplinary Studies, Other
Doctoral	160902	Ph.D.	Italian	Romance Languages, Literatures, and Linguistics
Doctoral	131306	Ed.D.	Language Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	160102	Ph.D.	Linguistics	Linguistic, Comparative, and Related Language Studies and Services
Doctoral	131399	Ed.D.	Literacy Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	230101	Ph.D.	Literatures in English	English Language and Literature, General

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Rutgers University - New Brunswick Campus

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Doctoral	140601	Ph.D.	Materials Science & Engineering	Ceramic Sciences and Engineering
Doctoral	270101	Ph.D.	Mathematics	Mathematics
Doctoral	131311	Ed.D.	Mathematics Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	141901	Ph.D.	Mechanical & Aerospace Engineering	Mechanical Engineering
Doctoral	141901	Ph.D.	Mechanics	Mechanical Engineering
Doctoral	512004	Ph.D.	Medicinal Chemistry	Pharmacy, Pharmaceutical Sciences, and Administration
Doctoral	260502	Ph.D.	Microbial Biology	Microbiological Sciences and Immunology
Doctoral	260802	Ph.D.	Microbiology & Molecular Genetics	Genetics
Doctoral	500903	D.M.A.	Music	Music
Doctoral	500901	Ph.D.	Music	Music
Doctoral	261503	Ph.D.	Neurosciences	Neurobiology and Neurosciences
Doctoral	301901	Ph.D.	Nutritional Sciences	Nutrition Sciences
Doctoral	400607	Ph.D.	Oceanography	Geological and Earth Sciences/Geosciences
Doctoral	143701	Ph.D.	Operations Research	Operations Research
Doctoral	512004	Ph.D.	Pharmaceutical Science	Pharmacy, Pharmaceutical Sciences, and Administration
Doctoral	380101	Ph.D.	Philosophy	Philosophy
Doctoral	400899	Ph.D.	Physics & Astronomy	Physics
Doctoral	260901	Ph.D.	Physiology & Integrative Biology	Physiology, Pathology and Related Sciences
Doctoral	40301	Ph.D.	Planning & Public Policy	City/Urban, Community and Regional Planning
Doctoral	260301	Ph.D.	Plant Biology	Botany/Plant Biology
Doctoral	451001	Ph.D.	Political Science	Political Science and Government
Doctoral	420101	Psy.D.	Professional Psychology	Psychology, General
Doctoral	420101	Ph.D.	Psychology	Psychology, General
Doctoral	512201	Dr.P.H.	Public Health	Public Health
Doctoral	512201	Ph.D.	Public Health	Public Health
Doctoral	131316	Ed.D.	Science Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	131318	Ed.D.	Social Studies Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	440701	D.S.W.	Social Work	Social Work
Doctoral	440701	Ph.D.	Social Work	Social Work
Doctoral	451101	Ph.D.	Sociology	Sociology
Doctoral	160905	Ph.D.	Spanish	Romance Languages, Literatures, and Linguistics
Doctoral	131001	Ed.D.	Special Education	Special Education and Teaching
Doctoral	270501	Ph.D.	Statistics & Biostatistics	Statistics
Doctoral	131202	Ed.D.	Teacher Leadership	Teacher Education and Professional Development, Specific Levels and Methods
Doctoral	261004	Ph.D.	Toxicology	Pharmacology and Toxicology
Doctoral	131319	Ed.D.	Vocational-Technical Education	Teacher Education and Professional Development, Specific Subject Areas
Doctoral	50207	Ph.D.	Women's & Gender Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Professional	310505	M.S./Ph.D.	Kinesiology and Applied Physiology	Health and Physical Education/Fitness
Professional	512001	Pharm.D.	Pharmacy	Pharmacy, Pharmaceutical Sciences, and Administration

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Rutgers University - Newark Campus

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Bachelor's	520301	B.S.	Accounting	Accounting and Related Services
Bachelor's	50201	B.A.	African American and African Studies	Ethnic, Cultural Minority, Gender, and Group Studies
Bachelor's	510999	B.S.	Allied Health Technologies	Allied Health Diagnostic, Intervention, and Treatment Professions
Bachelor's	50102	B.A.	American Studies	Area Studies
Bachelor's	302201	B.A.	Ancient & Medieval Civilizations	Classical and Ancient Studies
Bachelor's	450201	B.A.	Anthropology	Anthropology
Bachelor's	270301	B.A.	Applied Mathematics (w/NJIT)	Applied Mathematics
Bachelor's	400801	B.A.	Applied Physics (w/NJIT)	Physics
Bachelor's	500701	B.A.	Art	Fine and Studio Arts
Bachelor's	260101	B.A.	Biology	Biology, General
Bachelor's	260101	B.S.	Biology	Biology, General
Bachelor's	260101	B.A.	Biology (w/NJIT)	Biology, General
Bachelor's	260101	B.S.	Biology (w/NJIT)	Biology, General
Bachelor's	260301	B.A.	Botany	Botany/Plant Biology
Bachelor's	50105	B.A.	Central & Eastern European Studies	Area Studies
Bachelor's	400501	B.A.	Chemistry	Chemistry
Bachelor's	511005	B.S.	Clinical Laboratory Sciences	Clinical/Medical Laboratory Science/Research and Allied Professions
Bachelor's	110101	B.A.	Computer Science (w/NJIT)	Computer and Information Sciences, General
Bachelor's	430104	B.S.	Criminal Justice	Criminal Justice and Corrections
Bachelor's	450601	B.A.	Economics	Economics
Bachelor's	230101	B.A.	English	English Language and Literature, General
Bachelor's	30104	B.S.	Environmental Sciences (w/NJIT)	Natural Resources Conservation and Research
Bachelor's	520801	B.S.	Finance	Finance and Financial Management Services
Bachelor's	160901	B.A.	French	Romance Languages, Literatures, and Linguistics
Bachelor's	400601	B.A.	Geology	Geological and Earth Sciences/Geosciences
Bachelor's	400601	B.S.	Geology	Geological and Earth Sciences/Geosciences
Bachelor's	143901	B.S.	Geoscience Engineering (w/NJIT)	Geological/Geophysical Engineering
Bachelor's	160501	B.A.	German	Germanic Languages, Literatures, and Linguistics
Bachelor's	540101	B.A.	History	History
Bachelor's	540101	B.A.	History (w/NJIT)	History
Bachelor's	110401	B.S.	Human Computer Interaction (w/NJIT)	Information Science/Studies
Bachelor's	110401	B.A.	Information Systems (w/NJIT)	Information Science/Studies
Bachelor's	309999	B.A.	Interdisciplinary/Individual/Interdepartmental Major	Multi/Interdisciplinary Studies, Other
Bachelor's	309999	B.S.	Interdisciplinary/Individual/Interdepartmental Major	Multi/Interdisciplinary Studies, Other
Bachelor's	160902	B.A.	Italian	Romance Languages, Literatures, and Linguistics
Bachelor's	90401	B.A.	Journalism	Journalism
Bachelor's	520201	B.S.	Management	Business Administration, Management and Operations
Bachelor's	521201	B.S.	Management Information Systems	Management Information Systems and Services
Bachelor's	521401	B.S.	Marketing	Marketing
Bachelor's	270101	B.A.	Mathematics	Mathematics
Bachelor's	511005	B.S.	Medical Technology	Clinical/Medical Laboratory Science/Research and Allied Professions

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<i>Bachelor's</i>	500901	B.A. Music	Music	Music
<i>Bachelor's</i>	513801	B.S. Nursing	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Bachelor's</i>	380101	B.A. Philosophy	Philosophy	Philosophy
<i>Bachelor's</i>	400801	B.A. Physics	Physics	Physics
<i>Bachelor's</i>	400801	B.A. Physics [Dual w/NJIT B.S. In Industrial Engineering]	Physics [Dual w/NJIT B.S. In Industrial Engineering]	Physics
<i>Bachelor's</i>	451001	B.A. Political Science	Political Science	Political Science and Government
<i>Bachelor's</i>	160904	B.A. Portuguese & Lusophone World Studies	Portuguese & Lusophone World Studies	Romance Languages, Literatures, and Linguistics
<i>Bachelor's</i>	420101	B.A. Psychology	Psychology	Psychology, General
<i>Bachelor's</i>	449999	B.A. Public and Nonprofit Administration	Public and Nonprofit Administration	Public Administration and Social Service Professions, Other
<i>Bachelor's</i>	50203	B.A. Puerto Rican Studies	Puerto Rican Studies	Ethnic, Cultural Minority, Gender, and Group Studies
<i>Bachelor's</i>	301501	B.A. Science/Technology & Society (w/NJIT)	Science/Technology & Society (w/NJIT)	Science, Technology and Society
<i>Bachelor's</i>	440701	B.A. Social Work	Social Work	Social Work
<i>Bachelor's</i>	451101	B.A. Sociology	Sociology	Sociology
<i>Bachelor's</i>	160905	B.A. Spanish	Spanish	Romance Languages, Literatures, and Linguistics
<i>Bachelor's</i>	520203	B.S. Supply Chain and Marketing Science	Supply Chain and Marketing Science	Business Administration, Management and Operations
<i>Bachelor's</i>	500501	B.A. Theater	Theater	Drama/Theatre Arts and Stagecraft
<i>Bachelor's</i>	500602	B.A. Video Production	Video Production	Film/Video and Photographic Arts
<i>Bachelor's</i>	500701	B.F.A. Visual Arts	Visual Arts	Fine and Studio Arts
<i>Bachelor's</i>	50207	B.A. Women's Studies	Women's Studies	Ethnic, Cultural Minority, Gender, and Group Studies
<i>Bachelor's</i>	260701	B.A. Zoology	Zoology	Zoology/Animal Biology
<i>Post-Baccalaureate</i>	300101	Grad.Cert. Science and Technology Management	Science and Technology Management	Biological and Physical Sciences
<i>Master's</i>	520301	M.Accy. Accounting	Accountancy	Accounting and Related Services
<i>Master's</i>	50102	M.A. American Studies	American Studies	Area Studies
<i>Master's</i>	400801	M.S. Applied Physics (w/NJIT)	Applied Physics (w/NJIT)	Physics
<i>Master's</i>	261501	M.S. Behavioral & Neural Sciences	Behavioral & Neural Sciences	Neurobiology and Neurosciences
<i>Master's</i>	260101	M.S. Biology	Biology	Biology, General
<i>Master's</i>	260101	M.S. Biology (w/NJIT)	Biology (w/NJIT)	Biology, General
<i>Master's</i>	300101	M.B.S. Business and Science	Business and Science	Biological and Physical Sciences
<i>Master's</i>	400501	M.S. Chemistry	Chemistry	Chemistry
<i>Master's</i>	261103	M.S. Computational Biology (w/NJIT)	Computational Biology (w/NJIT)	Biomathematics, Bioinformatics, and Computational Biology
<i>Master's</i>	231302	M.F.A. Creative Writing	Creative Writing	Rhetoric and Composition/Writing Studies
<i>Master's</i>	430104	M.A. Criminal Justice	Criminal Justice	Criminal Justice and Corrections
<i>Master's</i>	450601	M.A. Economics	Economics	Economics
<i>Master's</i>	230101	M.A. English	English	English Language and Literature, General
<i>Master's</i>	400601	M.S. Environmental Geology	Environmental Geology	Geological and Earth Sciences/Geosciences
<i>Master's</i>	30104	M.S. Environmental Science (w/NJIT)	Environmental Science (w/NJIT)	Natural Resources Conservation and Research
<i>Master's</i>	450901	M.S. Global Affairs	Global Affairs	International Relations and National Security Studies
<i>Master's</i>	540101	M.A. History	History	History
<i>Master's</i>	540101	M.A.T. History	History	History

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Master's	540101	M.A.	History (w/NJIT)	History
Master's	540101	M.A.T.	History (w/NJIT)	History
Master's	110103	M.I.T.	Information Technology	Computer and Information Sciences, General
Master's	500910	M.A.	Jazz History & Research	Music
Master's	240101	M.A.L.S.	Liberal Studies	Liberal Arts and Sciences, General Studies and Humanities
Master's	520201	M.B.A.	Management	Business Administration, Management and Operations
Master's	513808	M.S.	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Master's	300501	M.A.	Peace and Conflict Studies	Peace Studies and Conflict Resolution
Master's	451001	M.A.	Political Science	Political Science and Government
Master's	520301	M.B.A.	Professional Accounting	Accounting and Related Services
Master's	420101	M.A.	Psychology	Psychology, General
Master's	440401	M.P.A.	Public Administration	Public Administration
Master's	512201	M.P.H.	Public Health (w/NJIT)	Public Health
Master's	521399	M.Q.F.	Quantitative Finance	Management Sciences and Quantitative Methods
Master's	440701	M.S.W.	Social Work	Social Work
Master's	520301	M.Accy.	Taxation	Accounting and Related Services
Doctoral	50102	Ph.D.	American Studies	Area Studies
Doctoral	400801	Ph.D.	Applied Physics (w/NJIT)	Physics
Doctoral	261501	Ph.D.	Behavioral & Neural Sciences	Neurobiology and Neurosciences
Doctoral	260101	Ph.D.	Biology	Biology, General
Doctoral	260101	Ph.D.	Biology (w/NJIT)	Biology, General
Doctoral	400501	Ph.D.	Chemistry	Chemistry
Doctoral	430104	Ph.D.	Criminal Justice	Criminal Justice and Corrections
Doctoral	30104	Ph.D.	Environmental Science (w/NJIT)	Natural Resources Conservation and Research
Doctoral	450901	Ph.D.	Global Affairs	International Relations and National Security Studies
Doctoral	520201	Ph.D.	Management	Business Administration, Management and Operations
Doctoral	279999	Ph.D.	Mathematical Sciences (w/NJIT)	Mathematics and Statistics, Other
Doctoral	261503	Ph.D.	Neurosciences	Neurobiology and Neurosciences
Doctoral	513808	Ph.D.	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Doctoral	513818	D.N.P.	Nursing Practice	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Doctoral	420101	Ph.D.	Psychology	Psychology, General
Doctoral	440401	Ph.D.	Public Administration	Public Administration
Doctoral	459999	Ph.D.	Urban Systems (w/NJIT)	Social Sciences, Other
Professional	220101	J.D.	Law	Law

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<i>Pre-Associate</i>	510601	Certif	Dental Assisting	Dental Support Services and Allied Professions
<i>Pre-Associate</i>	510601	Certif	Dental Assisting (w/ Essex/Union/Brookdale/RVCC/TESC/Ocean)	Dental Support Services and Allied Professions
<i>Pre-Associate</i>	513103	Certif	Dietary Management	Dietetics and Clinical Nutrition Services
<i>Pre-Associate</i>	513103	Certif	Dietary Management (w/ Comm Colls)	Dietetics and Clinical Nutrition Services
<i>Pre-Associate</i>	513103	Certif	Dietary Manager (w/RVCC)	Dietetics and Clinical Nutrition Services
<i>Pre-Associate</i>	510703	Certif	Medical Coding	Health and Medical Administrative Services
<b>Associate</b>	510602	A.A.S.	Dental Hygiene (w/ 6 colleges)	Dental Support Services and Allied Professions
<b>Associate</b>	510803	A.S.	Occupational Therapy Assistant	Allied Health and Medical Assisting Services
<b>Associate</b>	510803	A.S.	Occupational Therapy Assistant (w/ 7 Community Colleges and Thomas Edison)	Allied Health and Medical Assisting Services
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Burlington)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Camden)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Essex)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Middlesex)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Ocean)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Passaic & Ranitan)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Union)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	512399	A.S.	Psychosocial Rehabilitation/Treatment (w/ Warren & Cumberland)	Rehabilitation and Therapeutic Professions
<b>Associate</b>	510908	A.S.	Respiratory Care (w/ Various Comm Colls)	Allied Health Diagnostic, Intervention, and Treatment Professions
<b>Associate</b>	510908	A.A.S.	Respiratory Therapy (w/ACC/Cam/Glour/Burl/Sal/Cum/Ocean)	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Post-Associate</i>	510901	Cert.	Cardiac Sonography	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Post-Associate</i>	510602	Certif	Dental Hygiene	Dental Support Services and Allied Professions
<i>Post-Associate</i>	510910	Certif	Diagnostic Medical Sonography	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Post-Associate</i>	510905	Certif	Nuclear Medicine Technology	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Post-Associate</i>	510908	Certif	Respiratory Therapy	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Post-Associate</i>	519999	Certif	Vascular Sonography	Health Professions and Related Clinical Sciences, Other
<b>Bachelor's</b>	510999	B.S.	Allied Health Technologies	Allied Health Diagnostic, Intervention, and Treatment Professions
<b>Bachelor's</b>	510999	B.S.	Allied Health Technologies (w/ Fel/GCUNJCU/Ram/RU- Nwk/Bloomfield/FDU)	Allied Health Diagnostic, Intervention, and Treatment Professions
<b>Bachelor's</b>	511099	B.S.	Clinical Laboratory Sciences (w/ Others)	Clinical/Medical Laboratory Science/Research and Allied Professions
<b>Bachelor's</b>	511099	B.S.	Clinical Laboratory Sciences (w/NJIT)	Clinical/Medical Laboratory Science/Research and Allied Professions
<b>Bachelor's</b>	512211	B.S.	Health Administration	Public Health
<b>Bachelor's</b>	510706	B.S.	Health Information Management	Health and Medical Administrative Services
<b>Bachelor's</b>	510706	B.S.	Health Information Management (w/ 7 others)	Health and Medical Administrative Services
<b>Bachelor's</b>	510000	B.S.	Health Sciences	Health Services/Allied Health/Health Sciences, General
<b>Bachelor's</b>	510000	B.S.	Health Sciences (w/ TESC/NJCU)	Health Services/Allied Health/Health Sciences, General
<b>Bachelor's</b>	510999	B.S.	Medical Imaging Sciences	Allied Health Diagnostic, Intervention, and Treatment Professions
<b>Bachelor's</b>	510999	B.S.	Medical Imaging Sciences (w/ 7 Colleges)	Allied Health Diagnostic, Intervention, and Treatment Professions
<b>Bachelor's</b>	513808	B.S.N.	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<b>Bachelor's</b>	513101	B.S.	Nutrition and Dietetics (w/ Thomas Edison State College)	Dietetics and Clinical Nutrition Services
<b>Bachelor's</b>	512399	B.S.	Psychiatric Rehabilitation & Psychology	Rehabilitation and Therapeutic Professions

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
Bachelor's	512399	B.S.	Psychiatric Rehabilitation & Psychology (w/ Georgian Court)	Rehabilitation and Therapeutic Professions
Bachelor's	512399	B.S.	Psychiatric Rehabilitation & Psychology (w/ Kean w/Felician)	Rehabilitation and Therapeutic Professions
Post-Baccalaureate	260102	Grad.Cert.	Biomedical Sciences	Biology, General
Post-Baccalaureate	261309	Grad.Cert.	Clinical Epidemiology	Ecology, Evolution, Systematics, and Population Biology
Post-Baccalaureate	511002	Grad.Cert.	Cyrotechnology	Clinical/Medical Laboratory Science/Research and Allied Professions
Post-Baccalaureate	513199	Grad.Cert.	Dietetic Internship	Dietetics and Clinical Nutrition Services
Post-Baccalaureate	512202	Grad.Cert.	Environmental & Occupational Health	Public Health
Post-Baccalaureate	512201	Grad.Cert.	General Public Health	Public Health
Post-Baccalaureate	510000	Grad.Cert.	Health Care Informatics	Health Services/Allied Health/Health Sciences, General
Post-Baccalaureate	510706	Grad.Cert.	Health Information Management	Health and Medical Administrative Services
Post-Baccalaureate	511005	Grad.Cert.	Medical Laboratory Science	Clinical/Medical Laboratory Science/Research and Allied Professions
Post-Baccalaureate	261501	Grad.Cert.	Neuroscience	Neurobiology and Neurosciences
Post-Baccalaureate	261001	Grad.Cert.	Pharmacological Sciences	Pharmacology and Toxicology
Post-Baccalaureate	512299	Grad.Cert.	Public Health Preparedness	Public Health
Post-Baccalaureate	510504	Grad.Cert.	Public Policy & Oral Health Services Administration	Advanced/Graduate Dentistry and Oral Sciences
Post-Baccalaureate	269999	Grad.Cert.	Stem Cell Biology	Biological and Biomedical Sciences, Other
Master's	260403	M.S.	Anatomy	Cell/Cellular Biology and Anatomical Sciences
Master's	260210	M.S.	Biochemistry	Biochemistry, Biophysics and Molecular Biology
Master's	140501	M.S.	Biomedical Engineering	Biomedical/Medical Engineering
Master's	512706	M.S.	Biomedical Informatics	Medical Illustration and Informatics
Master's	260102	M.B.S.	Biomedical Sciences	Biology, General
Master's	260102	M.S.	Biomedical Sciences	Biology, General
Master's	261102	M.S.	Biostatistics	Biomathematics, Bioinformatics, and Computational Biology
Master's	260406	M.S.	Cell & Developmental Biology/Anatomy	Cell/Cellular Biology and Anatomical Sciences
Master's	260499	M.S.	Cell and Molecular Biology	Cell/Cellular Biology and Anatomical Sciences
Master's	260101	M.S.	Cellular & Molecular Pharmacology	Pharmacology and Toxicology
Master's	519999	M.S.	Clinical and Translational Science	Health Professions and Related Clinical Sciences, Other
Master's	513102	M.S.	Clinical Nutrition	Dietetics and Clinical Nutrition Services
Master's	512099	M.S.	Clinical Trial Sciences	Pharmacy, Pharmaceutical Sciences, and Administration
Master's	510501	Master	Dental Science	Advanced/Graduate Dentistry and Oral Sciences
Master's	510501	M.S.	Dentistry	Advanced/Graduate Dentistry and Oral Sciences
Master's	510701	M.S.	Health Care Management	Health and Medical Administrative Services
Master's	510702	M.S.	Health Care Management	Health and Medical Administrative Services
Master's	510000	M.S.	Health Sciences	Health Services/Allied Health/Health Sciences, General
Master's	130406	M.A.	Higher Education	Educational Administration and Supervision
Master's	260599	M.S.	Microbiology & Molecular Genetics	Microbiological Sciences and Immunology
Master's	260999	M.S.	Molecular Pathology & Immunology	Physiology, Pathology and Related Sciences
Master's	261501	M.S.	Neurosciences	Neurobiology and Neurosciences
Master's	513808	M.S.N.	Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Master's	513808	M.S.N.	Nursing Informatics	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
Master's	510503	M.S.	Oral Biology	Advanced/Graduate Dentistry and Oral Sciences

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DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<i>Master's</i>	261001	M.S.	Pharmacology	Pharmacology and Toxicology
<i>Master's</i>	512308	M.P.T.	Physical Therapy	Rehabilitation and Therapeutic Professions
<i>Master's</i>	510912	M.S.	Physician Assistant	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Master's</i>	260901	M.S.	Physiology	Physiology, Pathology and Related Sciences
<i>Master's</i>	260999	M.S.	Physiology & Integrative Biology	Physiology, Pathology and Related Sciences
<i>Master's</i>	512399	M.S.	Psychiatric Rehabilitation	Rehabilitation and Therapeutic Professions
<i>Master's</i>	512201	M.P.H.	Public Health	Public Health
<i>Master's</i>	510907	M.S.	Radiologist Assistant	Allied Health Diagnostic, Intervention, and Treatment Professions
<i>Master's</i>	512399	M.S.	Rehabilitation Counseling	Rehabilitation and Therapeutic Professions
<i>Master's</i>	261004	M.S.	Toxicology	Pharmacology and Toxicology
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Acute Critical Care	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Adult Health	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Adult Psychiatric & Mental Health	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Family Health	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Family Nurse Practitioner in Emergency Care	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Gerontology	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Advanced Practice Nursing - Oncology/Palliative Care	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	260407	Grad.Cert.	Anatomy Instruction	Cell/Cellular Biology and Anatomical Sciences
<i>Post-Master's</i>	519999	Grad.Cert.	Clinical and Translational Science	Health Professions and Related Clinical Sciences, Other
<i>Post-Master's</i>	513808	Grad.Cert.	Clinical Trials Research Nurse	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513807	Grad.Cert.	Nurse Midwifery	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	513808	Grad.Cert.	Nursing Informatics	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Post-Master's</i>	512399	Grad.Cert.	Professional Counseling	Rehabilitation and Therapeutic Professions
<i>Post-Master's</i>	513808	Grad.Cert.	Women's Health Advanced Practice Nursing	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing
<i>Doctoral</i>	260403	Ph.D.	Anatomy	Cell/Cellular Biology and Anatomical Sciences
<i>Doctoral</i>	260210	Ph.D.	Biochemistry	Biochemistry, Biophysics and Molecular Biology
<i>Doctoral</i>	140501	Ph.D.	Biomedical Engineering	Biomedical/Medical Engineering
<i>Doctoral</i>	140501	Ph.D.	Biomedical Engineering (w/NJIT)	Biomedical/Medical Engineering
<i>Doctoral</i>	512706	Ph.D.	Biomedical Informatics	Medical Illustration and Informatics
<i>Doctoral</i>	260102	Ph.D.	Biomedical Sciences	Biology, General
<i>Doctoral</i>	260406	Ph.D.	Cell & Developmental Biology/Anatomy	Cell/Cellular Biology and Anatomical Sciences
<i>Doctoral</i>	261002	Ph.D.	Cellular & Molecular Pharmacology	Pharmacology and Toxicology
<i>Doctoral</i>	511099	D.C.L.S.	Clinical Laboratory Science	Clinical/Medical Laboratory Science/Research and Allied Professions
<i>Doctoral</i>	513102	D.C.N.	Clinical Nutrition	Dietetics and Clinical Nutrition Services
<i>Doctoral</i>	30104	Ph.D.	Environmental Sciences	Natural Resources Conservation and Research
<i>Doctoral</i>	510000	Ph.D.	Health Sciences	Health Services/Allied Health/Health Sciences, General
<i>Doctoral</i>	260599	Ph.D.	Microbiology & Molecular Genetics	Microbiological Sciences and Immunology
<i>Doctoral</i>	260999	Ph.D.	Molecular Pathology & Immunology	Physiology, Pathology and Related Sciences
<i>Doctoral</i>	261501	Ph.D.	Neurosciences	Neurobiology and Neurosciences
<i>Doctoral</i>	261503	Ph.D.	Neurosciences	Neurobiology and Neurosciences
<i>Doctoral</i>	513808	D.N.P.	Nursing Practice	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing



**STATE OF NEW JERSEY -- COMMISSION ON HIGHER EDUCATION  
INVENTORY OF PROGRAMS OFFERED BY NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION**

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

DEGREE LEVEL	CIP CODE	DEGREE NAME	PROGRAM	CIP TITLE
<i>Doctoral</i>	510503	Ph.D.	Oral Biology	Advanced/Graduate Dentistry and Oral Sciences
<i>Doctoral</i>	261001	Ph.D.	Pharmacology	Pharmacology and Toxicology
<i>Doctoral</i>	512308	D.P.T.	Physical Therapy	Rehabilitation and Therapeutic Professions
<i>Doctoral</i>	260901	Ph.D.	Physiology	Physiology, Pathology and Related Sciences
<i>Doctoral</i>	260999	Ph.D.	Physiology & Integrative Biology	Physiology, Pathology and Related Sciences
<i>Doctoral</i>	512399	Ph.D.	Psychiatric Rehabilitation	Rehabilitation and Therapeutic Professions
<i>Doctoral</i>	512201	Dr.P.H.	Public Health	Public Health
<i>Doctoral</i>	512201	Ph.D.	Public Health	Public Health
<i>Doctoral</i>	261004	Ph.D.	Toxicology	Pharmacology and Toxicology
<i>Doctoral</i>	459999	Ph.D.	Urban Systems (w/NJIT)	Social Sciences, Other
<i>Professional</i>	510401	D.M.D.	Dentistry	Dentistry
<i>Professional</i>	511201	M.D.	Medicine	Medicine
<i>Prof. Post-Doc.</i>	510506	Grad.Cert.	Endodontics	Advanced/Graduate Dentistry and Oral Sciences
<i>Prof. Post-Doc.</i>	600199	Grad.Cert.	General Dentistry Residency	Dental Residency Programs
<i>Prof. Post-Doc.</i>	600101	Grad.Cert.	Oral & Maxillofacial Surgery	Dental Residency Programs
<i>Prof. Post-Doc.</i>	510502	Grad.Cert.	Oral Medicine	Advanced/Graduate Dentistry and Oral Sciences
<i>Prof. Post-Doc.</i>	510508	Grad.Cert.	Orthodontics	Advanced/Graduate Dentistry and Oral Sciences
<i>Prof. Post-Doc.</i>	510509	Grad.Cert.	Pediatric Dentistry	Advanced/Graduate Dentistry and Oral Sciences
<i>Prof. Post-Doc.</i>	510510	Grad.Cert.	Periodontics	Advanced/Graduate Dentistry and Oral Sciences
<i>Prof. Post-Doc.</i>	510511	Grad.Cert.	Prosthodontics	Advanced/Graduate Dentistry and Oral Sciences



*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: YEAR 2014**

	Amount (\$)
Federally Financed Academic R&D Expenditures	\$272,152,170
Institutionally Financed Academic R&D Expenditures	\$130,099,761
Externally Financed Academic R&D Expenditures	\$115,444,317
Total Academic R&D Expenditures	\$517,696,248

Note: Dollar amount as reported to the National Science Foundation (NSF)  
on Form #411  
(Higher Education Research and Development Survey FY2014).

## ***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.

- The Rutgers–Camden [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.

### **BUSINESS**

Economic growth and scholarship in business-related disciplines advance thanks to the innovative work and services at these Rutgers–Camden centers.

- The [Rutgers Institute for Management and Executive Development](#) has worked with clients in nearly every industry to provide advanced learning opportunities that strengthen the leadership capacity of both individuals and their organizations.
- The [Rutgers Small Business Development Center](#) is part of a statewide network that provides comprehensive small business counseling and educational opportunities to small business owners and potential owners throughout New Jersey.

## 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.

- The [Mid-Atlantic Regional Center for the Humanities](#) (MARCH) supports humanities research, programming, training, and communication throughout New Jersey, Pennsylvania, New York, Delaware, Maryland, and the District of Columbia.
- 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.

- The [Center for State Constitutional Studies](#) is an interdisciplinary institute dedicated to promoting public understanding of American state constitutions and of sub-national constitutions in other federal systems
- The [Center for Urban Research and Education](#) promotes national research on urban issues while training the next generation of urban scholars.
- The [Community Leadership Center](#), a grant-funded service and research center, helps revitalize urban communities through education, leadership, and community development.
- The [Rutgers Institute for Information Policy and Law](#) studies the legal, economic, and cultural implications of information production, distribution, consumption, and regulation.
- The [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.
- The [Senator Walter Rand Institute for Public Affairs](#) engages public, government, non-profit, and community stakeholders in addressing regional challenges.

- The [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.

- The [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





## ***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 **Rutgers Business School website** for the most up-to-date list of all RBS institutes and research centers.

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

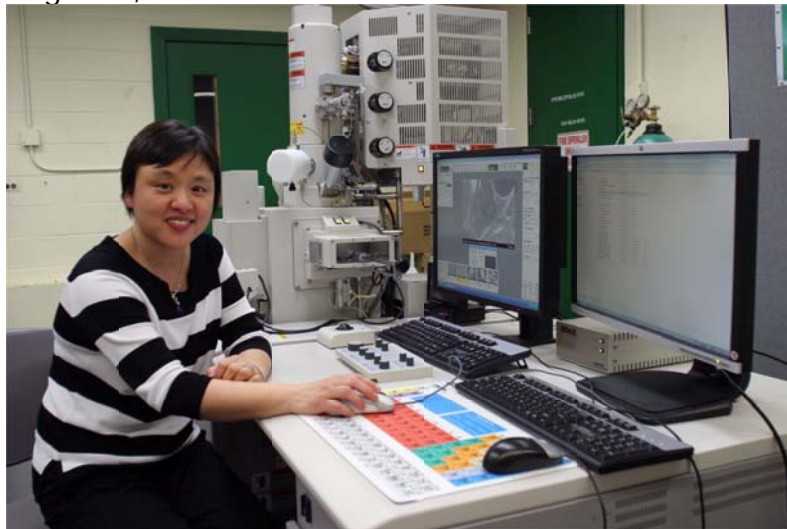
## ***Research News***



### **An Acclaimed Bard Finds A New Voice**

Words have always been important to the professional and personal life of Rachel Hadas, poet, author and professor.

August 4, 2015



## **Chemistry Professors Awarded for Their Research and Mentoring**

Two professors from NCAS' Department of Chemistry were recognized recently for outstanding achievement.



## **The Victimization Quandry: To Help Victims We Have To Stop Blaming Them – But How Do We Do That?**

A woman is brutally assaulted, but rather than receiving the sympathy she deserves, she is blamed. If she had dressed differently or acted differently, or made wiser choices, others say, she would have been spared her o



## **Business School professor shares award for article on social justice in the global marketplace**

**Jerome Williams**, a distinguished professor of marketing at



## **Rutgers University–Newark Research Day**

On Friday, April 17, the Office of the Chancellor, Graduate School–Newark, and Honors College of the Faculty of Arts and Sciences–Newark will host Rutgers University–Newark’s third annual Research Day at the Paul Robeson



## As Ebola Deaths Rise, Researcher Sees Parallels with Devastating Medieval Plague

*Photo by Rob Forman: Historian Nukhet Varlik says new knowledge of the medieval Black Death can improve our understanding of modern epidemics.*



## Research Results in Partnerships for the Public Good

Rutgers University-Newark has a decades-old tradition of using its academic resources in service to the people of the state, especially in its hometown.

December 8, 2014



## Of Dragonflies and Dinosaurs: Researcher Helps Map Insect Origins, Evolution

*Ground-breaking Findings Are Cover Story in Nov. 7 Issue of the Journal Science*

November 6, 2014



## International Research Team Concludes That Plant Communities in The Holy Land Can Cope with Climate Change of “Biblical” Dimensions

*Middle Eastern vegetation demonstrates high resilience to climate change*

October 8, 2014

//



## Improving Babies' Language Skills Before They're Even Old Enough to Speak

*A RUTGERS RESEARCHER FOCUSES INFANTS ON NOTICING THE SOUNDS THAT ARE MOST IMPORTANT*

In the first months of life, when babies begin to distinguish sounds that make up language from all the other sounds in

October 1, 2014

## ***Law, Criminal Justice & Public Affairs***



### **Centers and Institutes**

**Alliance 4 Public Service** is a network that aims to engage a broad range of citizens, public interest organizations, governments, and not-for-profit service providers in the active promotion of public service and personal responsibility at the local level.

**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.

**Center for Technology Leadership** 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.

**Crime Prevention Service for Business** 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.

**Division of Global Affairs** 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.

**Economic Development Research Group** Contributes to the self-sufficiency of marginalized groups and to the economic development of surrounding areas by conducting empirically grounded evaluations of services, programs, and opportunities available to these populations.

**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.

**Institute of Business District Management** 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.

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

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

**National Center for Public Performance** 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.

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

**Public Performance Measurement and Reporting Network** 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.

**Rutgers Institute on Anti-Corruption Studies** 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 **Areas of Study/Departments** 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.

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

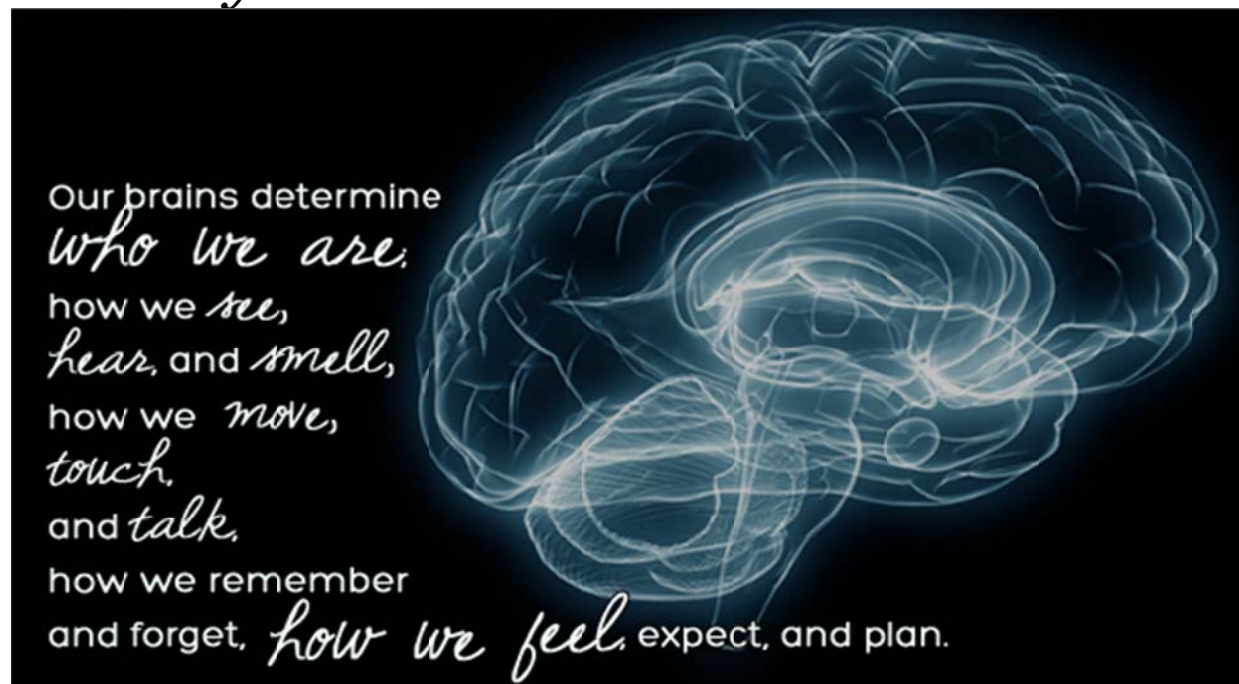
**Center for Molecular and Behavioral Neuroscience** is internationally renowned for neuroscience research, much of it leading to advances in areas such as learning disabilities, schizophrenia, Parkinson's disease, and treatment of memory disorders.

**Rutgers Institute for Data Science, Learning, and Applications (I-DSL)** 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.

**Rutgers University Brain Imaging Center** 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.***



We invite you to explore Neuroscience Research at Rutgers University-Newark.

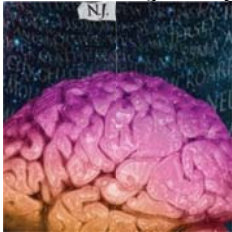
For more information please visit the **Center for Molecular and Behavioral Neuroscience**, the **Department of Psychology**, and the **Department of Biological Sciences**.

April Benasich



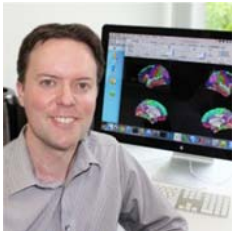
*Correcting Language Difficulties Before Baby Speaks.* 5-10% of children beginning school are estimated to have language-learning impairments, leading to reading, speaking and comprehension problems.

New Jersey's Biggest Brains



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

Michael Cole



Exploring what may be the true final frontier – the architecture of the human brain

Ian Creese



During the course of his research career Ian 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.

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.

Wilma Friedman



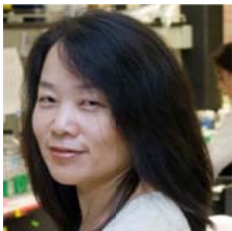
*Exploring Factors in Brain Cell Survival and Death:* Research could lead to control for damage from seizures and neurodegenerative diseases.

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?

Haesun Kim



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

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.

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.

Patrice Maurel



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

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?

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.

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.

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.

Elizabeth Tricomi



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



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.

## ***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.

# ***Arts & Humanities***



## **Academic Departments**

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

**Center for Migration and the Global City** 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.

**Center for the Study of Genocide, Conflict Resolution and Human Rights** 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.

**Documentation Center of Cambodia** 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.

**Joseph C. Cornwall Center for Metropolitan Studies** 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.

**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.

**Institute of Jazz Studies 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.

## ***Support For Research***



### **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](#)

### **B**

- [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
- 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

## **E**

- Eagleton Center for Public Interest Polling
- Eagleton Institute of Politics
- Early Education Research, National Institute for
- 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 Policy Institute
- 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

## H

- 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**

- 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 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 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

**T**

- 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 Art, Institute for
- Women and Work, Center for
- Women in Science, Engineering and Mathematics, Office for the Promotion of
- 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](#)
- [Graduate School of Biomedical Sciences](#)
- [New Jersey Medical School](#)
- [Robert Wood Johnson Medical School](#)
- [Rutgers School of Dental Medicine](#)
- [School of Health Related 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](#)

### 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

[University Behavioral Health Care](#) conducts [behavioral health, mental health, and addiction research](#) 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 [Clinical Research Organization](#) 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 Commercialization](#) serves 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**



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

The 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. The 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.

The 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.

The 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.

**Cancer Institute of New Jersey Research Programs**

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

## ***CENTER for ADVANCED BIOTECHNOLOGY and MEDICINE***

The Center for Advanced Biotechnology and Medicine (CABM) was founded in 1985 and research started in 1986 to advance knowledge in the life sciences for the improvement of human health. CABM, designated by the New Jersey Commission on Science and Technology as a New Jersey Advanced Technology Center, is located on the Busch/Piscataway campus in a 100,000 square foot building completed in 1990.

**CABM** – *Where Biology Becomes Medicine*. Our mission is to make fundamental discoveries in biomedical research, develop new technologies, and translate these to improve human health.

The mission of CABM scientists is focused in four areas:

### ***Research***

To perform cutting edge research in the areas of infectious disease, cancer, and neurodevelopmental/neurodegenerative disorders including AIDS, hepatitis C, influenza, leukemia/lymphoma, autism, and metabolic diseases, facilitated by collaboration among investigators with expertise in different disciplines.

### ***Teaching***

To foster the next generation of biomedical researchers through classroom teaching and laboratory training for undergraduate, graduate, and medical students as well as postdoctoral fellows and visiting scientists.

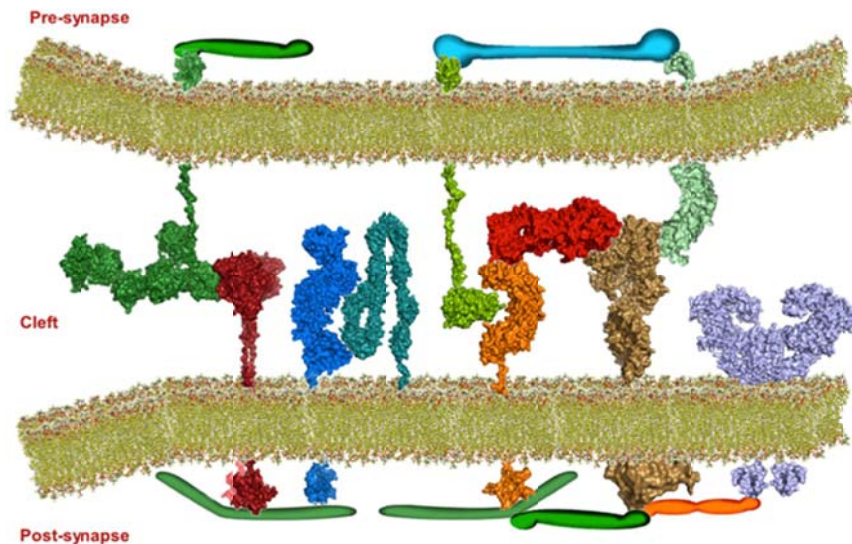
### ***Industry***

To promote economic development through corporate collaborations, consultation, and technology transfer.

### ***Service***

To enhance the research environment in New Jersey by providing access to high-end instrumentation, shared facilities, sophisticated technologies, and international collaborations.

## PRESIDENTIAL ORDER



The Molecular Interactome of Synaptogenesis

### **CABM Researcher Dr. Gaetano Montelione Awarded National Science Foundation Grant for President Obama's Brain Research through Advancing Innovative Neurotechnologies Initiative**

Gaetano Montelione, Distinguished Professor at the Center for Advanced Biotechnology and Medicine and Davide Comoletti, Assistant Professor at the Child Health Institute of New Jersey have been awarded a joint grant entitled "The Molecular Interactome of Synaptogenesis", one of the National Science Foundation (NSF) Early Concept Grants for Exploratory Research (EAGER). Drs. Montelione and Comoletti will collaborate to apply high throughput cloning and expression technologies in HEK293 cells to discover new protein-protein interactions that regulate neuronal synapse development. The highly competitive two-year \$300,000 EAGER awards, part of President Obama's Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, are aimed at generating transformative insights into understanding the connectivity of the brain. The primary objective of the grant is to provide infrastructure that will have broad scientific and social impacts. The interdisciplinary nature of the EAGER project, at the interface of neurobiology, cell biology, systems biology, bioengineering, bioinformatics, and molecular biophysics, will allow the principal investigators to expand undergraduate research programs, and to proactively recruit undergraduate minority students, training the next generation of molecular neuroscientists. For additional information, please visit the National Science Foundation, The White House BRAIN Initiative, and Montelione Laboratory Websites.

## STRUCTURE MATTERS



### **Dr. Eddy Arnold Elected as 2014 American Crystallographic Association Fellow**

Eddy Arnold, Board of Governors Professor of Chemistry and Chemical Biology at Rutgers University, and Resident Faculty Member at the Center for Advanced Biotechnology and Medicine, was recently elected as a Fellow of the American Crystallographic Association (ACA). Professor Arnold was honored for his research in macromolecular crystallography and drug design targeting infectious disease agents, and also for his contributions to the field through scholarly and organizational activities. Faculty colleague Helen Berman, also Board of Governors Professor of Chemistry and Chemical Biology at Rutgers University, was elected as an ACA Fellow in the inaugural class of 2011. ACA Fellows serve as scientific ambassadors to the broader scientific community and the general public to advance science education, research, knowledge, interaction, and collaboration.

Professor Eddy Arnold has been a faculty member at Rutgers since 1987, following undergraduate and graduate study in chemistry at Cornell University with Professor Jon Clardy, and postdoctoral research at Purdue University, where he worked with Professor Michael G. Rossmann (ACA Fellow 2011) to obtain a picture of a human common cold virus in atomic detail, the first animal virus structure. Arnold is author of more than 250 publications in prominent peer-reviewed scientific journals. With Professor Rossmann, Arnold co-edited the first *International Tables for Crystallography* volume devoted to crystallography of biological macromolecules (*Volume F*, editions published in 1999 and 2012). Eddy Arnold also has served on several national and international advisory committees, including for synchrotron X-ray facilities, and served as Chair of the International Union of Crystallography Commission on Biological Macromolecules (2005-2011).

Professor Eddy Arnold is an elected Fellow of the American Association for the Advancement of Science (2001), and of the American Academy of Microbiology (2006). Since its inception in 1987, Professor Arnold's laboratory has been continuously funded by the National Institutes of Health (NIH), and he is



the recipient of two consecutive NIH MERIT Awards (1998-2008, 2009-2019), which extend five-year grants to ten years and are awarded to less than 5% of NIH investigators. In 2013 Dr. Arnold received the Hyacinth Award “Honoring outstanding achievements in the struggle against HIV/AIDS,” recognizing work that he and his group have done to understand the structure and function of the AIDS virus reverse transcriptase enzyme, and to develop drugs that can overcome resistance. HIV reverse transcriptase is responsible for copying the viral genetic material in infected cells and is the target of many of the most widely used anti-AIDS drugs.

The year 2014 has been designated by UNESCO as the International Year of Crystallography (IYCr) to celebrate the 100th anniversary of the discovery of X-ray diffraction, the phenomenon that enables determination of the structures of molecules ranging in complexity from table salt to entire viruses and other complex biological machines. Professor Arnold was Director of an International School of Crystallography course on structure-based drug design in Erice, Sicily, Italy in June 2014, attended by 160 scientists from around the world. Dr. Arnold also presented a Keynote Lecture at the International Union of Crystallography Congress in Montreal in August describing his laboratory’s structural studies of HIV reverse transcriptase and how that information has contributed to the discovery and development of two drugs used for treating HIV infection. In October 2014 he also gave invited lectures at Purdue University, in Italy (International Year of Crystallography Meeting in Torino), and in France (European Molecular Biology Laboratory Outstation, Grenoble, and Institute for Genetics and Molecular and Cellular Biology, Strasbourg).

Professor Arnold said: “being named an ACA Fellow is particularly gratifying because of my passion for and long-term involvement in crystallography and the pivotal contributions of this field to fundamental chemical and biological knowledge and ongoing biomedical discovery.”

## EDWARD J. ILL AWARD

### **MDADVANTAGE ANNOUNCES 2014 RECIPIENTS OF PRESTIGIOUS EXCELLENCE IN MEDICINE AWARDS**

Lawrenceville, NJ, December 2, 2013 – Carrying forward a 75-year tradition of recognizing exceptional physicians and leaders in healthcare, MDAdvantage Insurance Company of New Jersey ([www.MDAdvantageonline.com](http://www.MDAdvantageonline.com)) today announced the 2014 honorees for the Edward J. Ill Excellence in Medicine Awards® ([www.EJIawards.org](http://www.EJIawards.org)).

The Excellence in Medicine Awards are named after Edward J. Ill, MD, a New Jersey physician who was a pioneer in promoting continuing education in ways that set the national standard. Every year since 1939, exemplary New Jersey physicians and leaders whose dedication to education, research and public service have significantly impacted the delivery of healthcare in the state and around the nation have been honored. This annual event has been sponsored by MDAdvantage Insurance Company of New Jersey since 2003.

Patricia A. Costante, Chairman and CEO of MDAdvantage, stated, “MDAdvantage is a proud and committed supporter of the Edward J. Ill Excellence in Medicine Awards. For 75 years, this awards program has honored the legacy of New Jersey healthcare leaders. The accomplishments of this year’s honorees exemplify the progress and the contributions that have been made by New Jersey’s extraordinary talent.”

**The 2014 awardees are:**

• **Outstanding Medical Educator Award:**

*David E. Swee, MD*, Associate Dean for Faculty Affairs and Development, Associate Dean for Education and Professor of Family Medicine and Community Health at Rutgers Robert Wood Johnson Medical School.

• **Outstanding Medical Executive Award:**

*Stephen K. Jones, FACHE*, President and Chief Executive Officer, Robert Wood Johnson University Hospital and Robert Wood Johnson Health System.

• **Edward J. Ill Physician's Award®:**

*George F. Heinrich, MD*, Vice Chair and Chief Executive Officer, New Jersey Health Foundation, and Associate Dean for Admissions and Adjunct Professor, Department of Preventive Medicine and Community Health at Rutgers New Jersey Medical School.

• **Verice M. Mason Community Service Leader Award:**

Executive Director *Faith W. Rice*, on behalf of the New Jersey Center for Tourette Syndrome and Associated Disorders.

• **Outstanding Medical Research Scientist Award for Basic Biomedical Research:**

*Peter Lobel, PhD*, Professor, Department of Biochemistry and Molecular Biology at Rutgers Robert Wood Johnson Medical School and Rutgers Center for Advanced Biotechnology and Medicine.

• **Outstanding Medical Research Scientist Award for Clinical Research:**

*Frederick F. Buechel, Sr., MD*, orthopaedic surgeon, South Mountain Orthopaedic Associates, and Clinical Professor, Department of Orthopaedics at Rutgers New Jersey Medical School.

• **Peter W. Rodino, Jr., Citizen's Award®:** *Donald M. Chervenak, MD*, obstetrician/gynecologist

## ***HONORED RESEARCH***



### **Hyacinth Gala Honors Soldiers in the Battle Against AIDS**

Eddy Arnold, PhD (pictured center), Board of Governors Professor of Chemistry and Chemical Biology, Rutgers University Center for Advanced Biotechnology and Medicine was honored for his significant accomplishments in treatment research and development, and ongoing work on medical problems presented by resistant strains of HIV. Dr. Arnold developed lifesaving treatments, which helped transform HIV/AIDS from a fatal to a chronic illness. Dr. Arnold is one of the leading HIV research specialists, who recently won a \$10.1 million grant, his second consecutive NIH MERIT Award, an honor bestowed on fewer than 5% of investigators. His team's results are used worldwide to interpret new scientific and clinical research findings in AIDS research. Founded in 1985, Hyacinth AIDS Foundation is New Jersey's first and largest AIDS service organization with eight offices located throughout the State, serving over 15,000 people annually. Services include case management, treatment education, testing and counseling, and prevention outreach to populations most at risk of infection. The foundation honored Dr. Arnold at its annual gala on Saturday, November 2, 2013 at Maritime Parc in Jersey City, New Jersey.

## ***RESEARCH SPOTLIGHT***

Isaac Edery, Ph.D., Professor, Center for Advanced Biotechnology and Medicine, and Department of Molecular Biology and Biochemistry, Rutgers, The State University of New Jersey.

### **RESEARCH SPOTLIGHT**

#### **Biological Clocks and Daylight Saving Time**

On 2:00AM on Sunday, November 2, we turned the clocks back one hour, saying goodbye to Daylight Saving Time and – until the second Sunday in March when the ritual of resetting the clocks begins again -- are forced to cope with what seems like a stretch of long, dark days.

But don't despair. Scientists say "falling back" from Daylight Saving Time – first introduced in the United States in 1918 during World War I to save fuel – to Standard Time is easier for our biological clocks to adjust to than the reverse situation of trying to wake up early and go to sleep earlier than we expect.

"The transition we go through in the spring is much worse," says Isaac Edery, Rutgers professor of molecular biology and biochemistry. "We're not 100 percent certain why this is but it seems that the clocks of most people run a bit slower than 24 hours, making it more natural to wake up slightly later each day. That is why 'late-night owls' have a very difficult time adjusting to the spring transition."

Edery, a researcher at the Center for Advanced Biotechnology and Medicine (CABM), a joint venture of Rutgers and the University of Medicine and Dentistry of New Jersey, who is studying the biological clocks of fruit flies, says studies indicate that when we transition to Daylight Saving Time in March, we lose 20-30 minutes of sleep each day just trying to adjust to the time change.

"This loss can go on for days, weeks or even months," says Edery. "For some people, it can take quite a toll."

So does that mean that starting November 3 – and for the next four months – we can expect to gain back the sleep we lost when we were forced to "spring ahead" one hour?

Don't count on it. Although sleep studies indicate that people seem to unwind, relax and slow down when night arrives, there is no scientific data that the sleep time lost during Daylight Saving Time will ever be recouped.

Instead, our biological clocks – that control a wide variety of 24-hour circadian rhythms, such as your wakesleep cycle, cell regeneration, hormone production and when other biological activities take place – undergo their own internal readjustment, Edery says.

This central body clock, located in the suprachiasmatic nucleus of the hypothalamus in the brain, right above where the optic nerves from the eyes cross, is directly regulated by light and dark cycles. When there is less light, the brain tells the body to make more melatonin, a hormone that makes us sleepy.

So, since this lack of natural light occurs in the fall and winter, we should be able to curl up and get that much needed sleep. That is Edery says, if we don't leave on the television, computer, cell phone, iPad and any one of the modern-day electronic devices that artificially light up our bedrooms and make it hard for our bodies to know whether it is night or day.

"Your body's clock tries to keep synchronized with local time and will make the necessary adjustments," says Edery, pointing to the jet lag that travelers suffer when their circadian rhythms are disrupted.

"People who fly from California to New York and lose three hours feel much worse than those who are flying from New York to California and gaining three hours," he says. "But your body clock eventually realigns its timing to local time and most people feel better after a day or two, similar to what happens when we make these time changes twice a year."

Article: Courtesy of Rutgers FOCUS, Robin Lally

# ***ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES INSTITUTE /EOSHI***

## ***RESEARCH HIGHLIGHTS***

### **WTC Health Program Honors First Responders**



Fourteen years after the unforgettable World Trade Center Disaster of 9/11/2001, the staff and faculty of EOHSI's WTC Health Program would like to say "thank you" to those who risked their lives and health in the rescue and recovery efforts.

Dr. Iris Udasin, the medical director of the World Trade Center Health Program at Rutgers, encourages all responders to observe the anniversary by taking care of their health and celebrating the joys in their lives. The program provides annual monitoring exams to members as well as referrals for treatment of World Trade-related conditions. The WTCHP recently published its [Fall 2015 Newsletter](#) containing member information and health tips.

At EOHSI we are committed to research that aims to help those responders whose health, as a result of their selfless actions, was affected by this disaster. For information about ongoing studies and to find out how you can help, [read more here](#).

## Due Date Extended for CEED Special Request



## for Pilot Project Proposals

CEED is soliciting applications for a **special Pilot Project Program focused on linking environmental research to communities affected by that specific environmental problem.**

This special RFP comes out of discussions about how CEED can more fully address our mission of improving human health, through involvement of our Community Outreach and Engagement Core (COEC) and affected communities in research design and implementation.

*The NIEHS Center for Environmental Exposures and Disease (CEED) is based at EOHSI. The mission of CEED is to understand how environmental exposures are integrated with host and environmental factors to influence human diseases; and to use this information to improve human health through education, outreach, and mechanistically based intervention, prevention, and treatment modalities. They encourage interdisciplinary and collaborative approaches to problems in the environmental health sciences, including involvement of the Community Outreach and Engagement Core (COEC). CEED is in its 28th year of funding by the National Institute of Environmental Health Sciences (NIEHS, P30-ES005022). CEED has a long-standing Pilot Project Program, which supports new environmental health research with the potential to improve human health. For examples of recent pilot projects, see the [CEED Pilot Program page](#).*

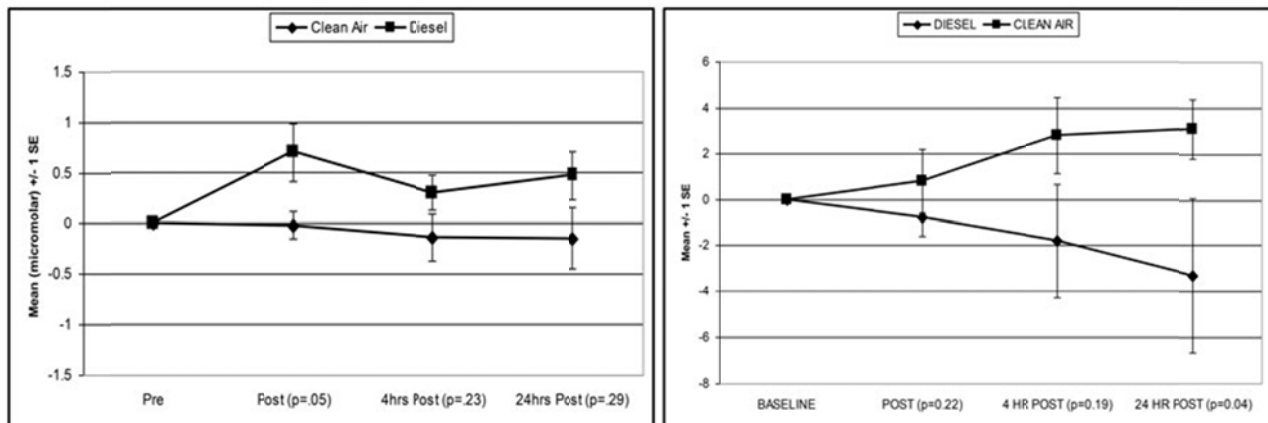
## DIESEL EXHAUST AFFECTS ADULT ASTHMA



Traffic-related air pollution can make asthma worse. A recent study at the Center for Environmental Exposures and Disease (CEED) found that diesel exhaust causes airway stress in people with asthma.

Traffic-related pollution has been associated with asthma attacks, but it's not clear how this pollution makes asthma worse. Scientists try to answer this question by doing experiments with diesel exhaust, a major type of traffic-related pollution. Better understanding of how pollution makes asthma worse can lead to better ways to prevent or treat asthma.

In this study, sixteen volunteers with mild to moderate asthma participated in a diesel exhaust exposure study. The volunteers were exposed to clean, filtered air for 1 hour on one day and air with diluted diesel exhaust for 1 hour on another day.



Left: Nitrite levels in breath samples, before (pre), immediately after (post), and 4 and 24 hours after exposure to air with diluted diesel exhaust compared to clean air control. Right: Forced expiratory volume in 1 second (FEV-1) before (baseline), immediately after (post), and 4 and 24 hours after a 1-hour exposure to air with diluted diesel exhaust compared to clean air control.

After exposure to diluted diesel exhaust, we found a temporary decrease in the amount of air the participants could blow out in one second (forced expiratory volume in 1 second, or FEV-1), a standard asthma test. We also found an increase in airway constriction in another asthma test. The volunteers also had higher levels of nitrite in breath samples immediately after the diesel exhaust exposure, indicating that oxidative stress may cause these respiratory effects.

**Next Steps:** We are extending these studies to include people with asthma living near congested roadways and routes with high diesel truck traffic, and studies of how anti-oxidants in foods might combat the effects of traffic air pollution.

**Read the published research:** Hussain S, Laumbach R, Coleman J, Youseff H, Kelly-McNeil K, Ohman-Strickland P, et al. Controlled Exposure to Diesel Exhaust Causes Increased Nitrite in Exhaled Breath Condensate among Subjects with Asthma. *Journal of Occupational and Environmental Medicine*. 2012;54(10):1186-91. PMID: PMC4443752.

**Click here to learn about currently ongoing studies at EOHSI.**

*This research was funded in part by the National Institute of Environmental Health Sciences (NIEHS) through the Center for Environmental Exposures and Disease at EOHSI (NIH-NIEHS P30 ES005022) and USEPA STAR Grant R832144.*

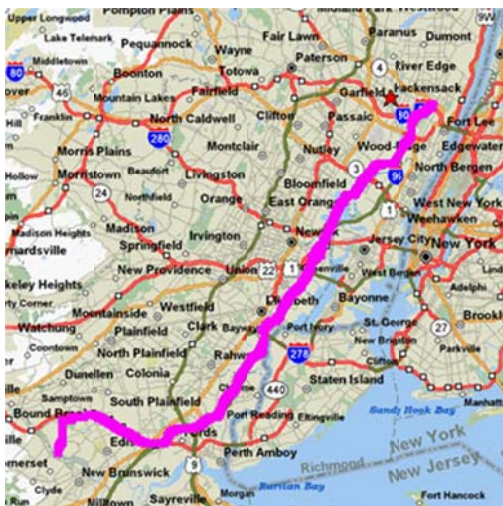


## EPA Awards New Research Grant – Climate Change, Indoor Ozone, and Vascular Function



Howard Kipen, MD, MPH, Professor of Environmental and Occupational Medicine and Director of Clinical Research and Occupational Medicine at EOHSI, is the principal investigator of an award totaling \$999,975 over three years. The project, titled “Climate Change, Indoor Ozone, and Vascular Function,” is being supported by the U.S. Environmental Protection Agency. Learn more about Dr. Kipen [here](#).

## Health Impacts of Breathing Traffic Air Pollution While Commuting



The route that each participant travelled, from the Rutgers Piscataway campus to the Vince Lombardi Service Area in Ridgefield NJ, and then back to the campus

We all know that driving on New Jersey's congested roadways can lead to aggravation and stress. A recent study at the Center for Environmental Exposures and Disease (CEED) found that traffic air pollution may cause stress on our lungs and airways as well.

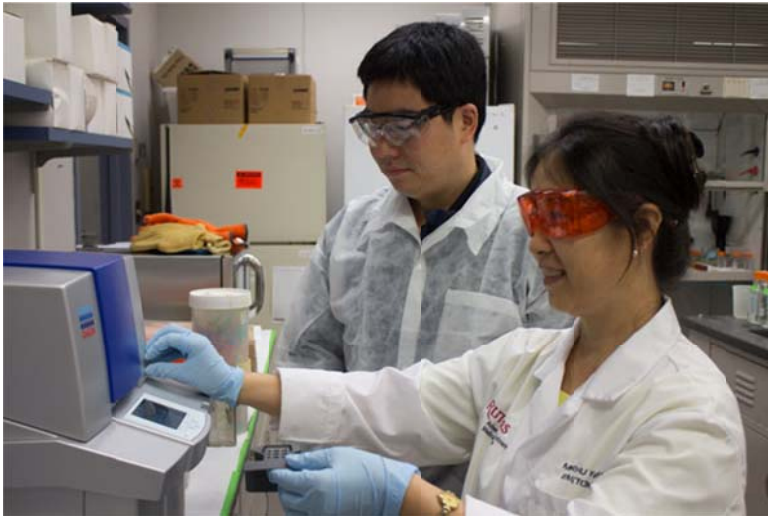
Drivers and passengers traveling on busy roadways routinely inhale air pollutants (gases and particles) from other cars and trucks. During morning rush hour traffic on the New Jersey Turnpike, 21 volunteers were passengers for two 90-minute car rides. For one car ride, the volunteers breathed the usual levels of traffic particles that enter the car, but for the other car ride the air was filtered to remove traffic particles.

We measured higher levels of nitrite in breath samples immediately after the unfiltered ride. The results suggest that traffic particles may increase oxidative stress in the airways, potentially contributing to inflammation and adverse health effects. More research is needed to determine if and how this stress may be related to important health outcomes.



One of the investigators demonstrates how the comfortable, light-weight air purifying respirator was worn by the participants in the study.

## International Collaboration Project with Korean Animal and Plant Quarantine Agency



Dr. Mingzhu Fang (Assistant Professor at EOHSI) initiated and developed a collaborative research project: “Development of an Alternative Research Strategy to Screen and Classify the Neurotoxicity and Hepatotoxicity Potential of Environmental Toxicants, Including Veterinary Drugs” with Dr. Hwan-Goo Kang, a Senior Researcher at the Animal and Plant Quarantine Agency, Republic of Korea (QIA-Korea). This project was supported for three years by QIA-Korea. The resulting insight from this project will facilitate the development of fast screening methods for the risk assessment of environmental contaminants, including veterinary drugs.

Dr. Yongil Park, DVM is a researcher in the Veterinary Drugs and Biologics Division of QIA-Korea and is also a Ph.D. candidate in the Toxicology graduate program of The College of Veterinary Medicine at Seoul National University. Dr. Fang is hosting and mentoring Dr. Park here at EOHSI from June through November 2015.

# ***INSTITUTE for HEALTH, HEALTH CARE POLICY and AGING RESEARCH At Rutgers, The State University of New Jersey***

## ***Highlights:***

### **Allan Horwitz to Receive Reeder Award**

Congratulations to [Allan Horwitz](#), Institute for Health Interim Director and Distinguished Professor of Sociology, who has been selected as the recipient of the 2016 Leo G. Reeder Award. The Reeder Award is the highest honor bestowed by the Medical Sociology Section of the American Sociological Association and is given annually for Distinguished Contribution to Medical Sociology. This award recognizes scholarly contributions, especially a body of work displaying an extended trajectory of productivity that has contributed to theory and research in medical sociology. The Reeder Award also acknowledges teaching, mentoring, and training as well as service to the medical sociology community broadly defined.

### **Joel Cantor quoted in NJ Spotlight**

[Joel Cantor](#) was quoted in NJ Spotlight: "New Jersey Businesses See Sharp Increase in Family Health-Insurance Premiums" offering a possible explanation for why the increase in employer-covered workers is occurring: Workers are choosing to accept employer coverage that they may have turned down previously because they were concerned with the ACA mandate that every American have health insurance or pay a penalty. "People have a preference for complying" with the law, Cantor said. Cantor also said that the margin of error in the survey might also have led it to overstate the size of the increase in family premiums, since it's unlikely that the increase would be so different from the rise in single coverage.

### **Thompson Receives Best Article Award**

[Frank Thompson](#) (Distinguished Professor) has been awarded the first Publius, The Journal of Federalism Best Article Award along with his co-author Michael Gusmano for the article "The Administrative Presidency and Fractious Federalism: The Case of Obamacare" by the American Political Science Association's Organized Section on Federalism and Intergovernmental Relations. The award will be presented at the section's business meeting at APSA's Annual Meeting this September. Frank also received ASPA's prestigious Dwight Waldo Award ---- presented to persons who have made outstanding contributions to the professional literature of public administration over an extended career ompson Receives Best Article Award

### Joanna Kempner Receives Faculty Award

President Barchi just announced that [Joanna Kempner](#) is the recipient of a Board of Trustees Research Fellowship for Scholarly Excellence. Joanna was selected "as one of the university's most distinguished young faculty members," in recognition of her outstanding research as exemplified in her recent book "Not Tonight: Migraine and the Politics of Gender and Health."

### Deanna Gray-Miceli Appointed to Expert Panel

[Deanna Gray-Miceli](#), an assistant professor in the School of Nursing and an associate member of the Institute for Health, Health Care Policy and Aging Research, Rutgers Biomedical and Health Sciences, has been appointed a member of the expert panel on aging, American Academy of Nursing, Washington, DC.

The Academy serves the public and the nursing profession by advancing health policy and practice through the generation, synthesis, and dissemination of nursing knowledge.

Dr. Gray-Miceli's program of research focuses on improving the quality of care and safety in the aftermath of a fall for older adults in long-term care.

### Robert Wood Johnson Foundation Human Capital Blog on Project L/EARN "Thoughts on Mentoring"

For the past 23 years Project L/EARN, an innovative program involving undergraduates in health research with Institute faculty, has prepared students for graduate study in health-related fields. Their successes are unprecedented. 90 alumni are enrolled in or have completed masters degrees in fields including psychology, nursing, public health and social work. Nearly 60 alumni are undertaking or have completed doctoral degrees including PhD, PsyD, MD, PharmD, JD and DPT. Other alumni have completed post-doctoral fellowships, and several are professors, practicing clinical psychologists, physicians and health policy researchers. Visit the blog on the RWJF website for quotes from L/EARN interns and mentors about their experiences: [here](#)

### "Health, Culture, and Society" by Debby Carr and Johanna Schoen is Selected as the First Integrating Themes Course

One of the initiatives announced by President Barchi as part of the implementation of the University Strategic Plan was the creation of University-wide general education courses in the areas of our integrating themes:

- Cultures, Diversity, and Inequality-Local and Global
- Improving the Health and Wellness of Individuals and Populations
- Creating a Sustainable World through Innovation, Engineering, and Technology
- Educating Involved Citizens and Effective Leaders for a Dynamic World

- Creative Expression and the Human Experience

While many interesting and worthwhile proposals were submitted, the course proposed on Health, Culture, and Society, within the area of Improving the Health and Wellness of Individuals and Populations was selected. This proposal was submitted jointly by Professor [Deborah Carr](#), SAS Department of Sociology and the Institute for Health, Health Care Policy and Aging Research (IHHCPAR), and Professor [Johanna Schoen](#), SAS Department of History and IHHCPAR.

This course will introduce students to social sciences and humanities approaches in studying health and wellness, and will be initially offered during the Spring of 2016. Professors Carr and Schoen will be in touch with colleagues at all Rutgers locations within the coming months in order to ensure that this course truly is University-wide in its content and delivery.

### **Study Finds that Neighbors Improve Well-being in Middle and Later Life**

Institute faculty member [Emily Greenfield](#) in collaboration with Laurent Reyes, a School of Social Work graduate, and intern with [Project L/Earn](#), explored whether frequency of contact and perceived neighbor support for adults in middle and later life are important for psychological well-being. Results showed that having continuously low levels of contact with neighbors or losing contact with neighbors over the 10-year study period was associated with declining levels of psychological well-being including feelings of purpose in life, personal growth, autonomy, feeling in charge of one's life, self-acceptance, and positive relations with others.

The study, "Continuity and Change in Relationships with Neighbors: Implications for Psychological Well-being in Middle and Later Life," is published in the September issue of The Journals of Gerontology, Series B: Psychological and Social Sciences.

Read the article from Rutgers Today [here](#).

### **Stephen Crystal Receives AHRQ Grants**

[Stephen Crystal](#), principal investigator of "Applying Evidence to Improve Care and Outcomes in Severe Mental Illness" has been awarded four years of funding to continue the work of the established 6-state consortium for implementation of evidence-based practices in Medicaid mental health care. Three evidence-based practices will be implemented: 1) metabolic monitoring to improve early detection and guide ongoing management of abnormalities in glucose and lipid metabolism; 2) coordination of care transitions following hospital discharge to reduce the risk of early treatment disengagement and hospital readmission; and 3) appropriate use of uniquely effective and potentially lifesaving medications including clozapine, lithium, and long-acting injectable antipsychotic medications.

A set of metric-based, sustainable continuous quality improvement interventions will be implemented to increase uptake of evidence-based practices to improve patient outcomes. The consortium will engage state Medicaid and mental health leadership and other key stakeholders from Missouri, Wisconsin, Texas, California, Washington, and Oklahoma currently serving 193,000 adults with severe mental illnesses. The study builds on methods developed under the prior

AHRQ-funded project that engaged these state Medicaid agencies in improving safe use of antipsychotic medications.

A five stage quality improvement process includes: 1) baseline quality profiles and problem analysis; 2) identification of intervention strategies, provision of evidence-based education and technical assistance; 3) development and implementation of state quality improvement plans and interventions; 4) deployment and incorporation of metrics into ongoing care processes and impact evaluation; and 5) local and national dissemination.

The project will increase uptake on a broad scale of a key set of measurable, modifiable, underutilized evidence-based practices that have significant potential for improvement in outcomes through a sustainable strategy that integrates measurement and education with policy tools available to state and managed care payers.

Stephen Crystal is also principal investigator of an AHRQ award, "Improving Medication Safety in Nursing Home Dementia Care" that will provide actionable knowledge to strengthen national and state initiatives to increase use of safer, person-centered dementia care practices especially in the use of antipsychotics (APs) among nursing home residents. Implementing alternative management strategies for the often-distressing behavioral and psychological manifestations of dementia is complex and often difficult. APs continue to be widely used in nursing homes despite strong evidence of increased mortality and a resulting FDA black box warning. It is essential to examine the comparative impact of varied state strategies for safer dementia management including co-occurring changes in other dimensions of dementia management and potential unintended consequences (such as substitution of sedative/hypnotics). There is a critical need for more specific and informative measurement of practices to more clearly define the underlying safety challenge; inform development of improved quality measures; and identify modifiable points of intervention. A stakeholder-engaged, multi-method study will integrate analysis of merged administrative data on the full national long-stay population with case-study and translational components.

### **Tobias Gerhard Receives NIMH Grant**

[Tobias Gerhard](#) is principal investigator of "Safety of Second Generation Antipsychotics for Adult Depression" to assess the safety of second-generation antipsychotic (SGA) medication augmentation in the treatment of adult depression. Inadequate response to initial antidepressant treatment is common and more than half of depressed patients require multiple sequential treatment steps to achieve remission of depressive symptoms. Despite modest efficacy, augmentation of antidepressants with SGAs is the most strongly supported and fastest growing pharmacological treatment alternative for treatment-resistant depression. Yet the discovery of several serious SGA-associated adverse effects in other clinical populations, most strikingly a >50% increase in mortality risk in elderly patients with dementia, raises critical questions about the safety of SGAs in depression as it is not known whether and to what extent these risks generalize to non-elderly adults who receive SGA augmentation for depression. The combined experience of randomized clinical trials of SGAs for depression falls far short of sufficient power to detect a mortality risk in depression comparable to that observed in dementia.

Ten years of near national Medicaid data (2001-2010) with approximately 80,000 non-elderly adults with depression and incomplete response to antidepressant monotherapy will examine the real-world safety of SGA augmentation. The results will help inform clinical, regulatory and health care policy efforts to improve the management of treatment-resistant depression and support or refute the need for large-scale prospective safety studies.

### **Celebrating David Mechanic/Endowment**

We honor David Mechanic, eminent sociologist, distinguished scholar, pioneering leader and extraordinary mentor and colleague to recognize the range of his achievements, his 34 years of service to Rutgers and the far-reaching impact he has had on the many people and organizations he has helped advance.

An endowment has been established to recognize David's lifetime contributions to health research and policy to fund scholarships, fellowships and research studies by faculty. Your gift is tax deductible for charitable purposes per IRS guidelines.

Click here to donate to the endowment with a check. Complete the form and mail it with your check to: Institute for Health, Health Care Policy and Aging Research, 112 Paterson Street, New Brunswick, NJ 08901. Att: Business Office.

To make a contribution using a credit card, access this website.

For more information about the endowment and planned giving options, contact Carol A. Boyer at [caboyer@rci.rutgers.edu](mailto:caboyer@rci.rutgers.edu) or 848-932-8374.



## Venues for Learning, Research & Service

### 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 [Association of American Universities](#). [Visit](#) 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 [locations and directions](#) 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. [Visit](#) 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. [Visit](#) Rutgers University–Camden.

## **New Jersey Agricultural Experiment Station**

The [New Jersey Agricultural Experiment Station](#) (NJAES), with [Rutgers Cooperative Extension](#) 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 year-round.

## Additional Locations

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### Academic Satellite Locations

[Bachelor's in Hospitality Management](#): Atlantic City  
[Continuing Education](#): Check for locations throughout New Jersey  
[Lindley G. Cook 4-H Youth Center for Outdoor Education](#): 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 Related 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—Rutgers Center for Sustainable Agriculture](#): 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

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# 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 Franklinitite 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.



## *Explore the World We Have to Offer*

### Visit Rutgers

**Historic campus quads. Bustling urban plazas.** Advanced science centers. Lush farms and animal pastures. Parks, forests, and ornamental gardens. Playing fields, arenas, and stadiums. Libraries, museums, and galleries. Performing arts centers. The mastodon. The mummy.

#### Featured Destination: Jane Voorhees Zimmerli Art Museum



The [Jane Voorhees Zimmerli Art Museum](#) houses more than 60,000 works, including American, European, Japanese, and Russian art. The museum's Norton and Nancy Dodge Collection of Nonconformist Art from the Soviet Union is the largest collection of its kind outside of Russia.

Located on Rutgers' New Brunswick Campus, the Zimmerli is midway between New York City and Philadelphia and just a short walk from the New Jersey Transit train station.

Many fine restaurants and eateries are close by. Current exhibitions include [In the Search of an Absolute: Art of Valery Yurlov](#), an exhibition of the works of this early Soviet nonconformist. Plan your visit.



## Newark

For 100 years, Rutgers–Newark and the City of Newark have shared a rich history. Today, Rutgers is one of the most culturally and academically rich public universities in the nation. And, Newark is home to Fortune 100s, top law firms, medical centers, and more.

- **New Brunswick**

New Brunswick has a colonial past and a powerful presence in business, health care, education, and the arts. Home to major teaching hospitals and headquarters of Johnson & Johnson, the city sits between NYC and Philadelphia. By train—just two blocks from campus—either city is an hour away.

- **Camden**

Just across the river from Philadelphia, Rutgers–Camden is a small, friendly campus with green spaces, gardens, and Victorian to modern architecture. The campus is located in the Camden Waterfront District.

It's all at Rutgers. It's all in New Jersey. And it's all close to New York City and Philadelphia. Are we there yet?

Spend an afternoon, a weekend, a summer, a college career, a lifetime. [Visit our campuses](#) in New Brunswick, Newark, and Camden and discover that there is always more to explore at Rutgers, The State University of New Jersey.

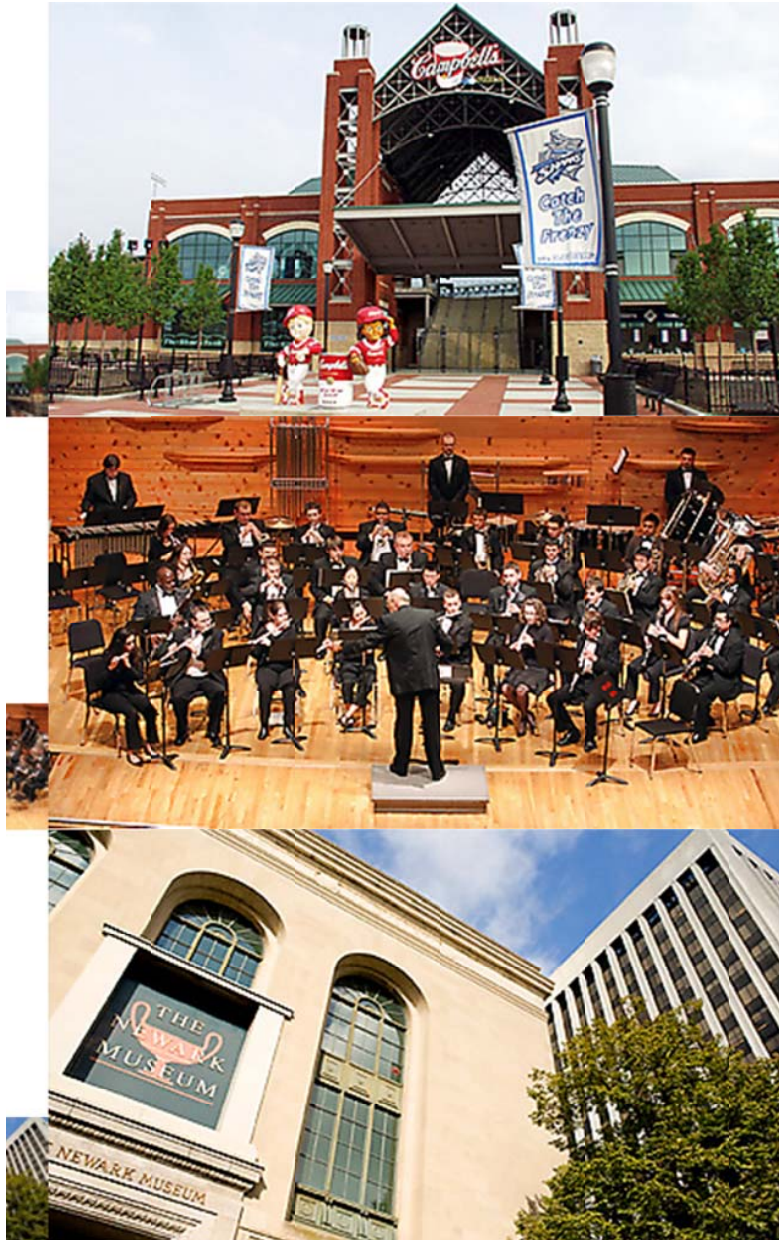
## Campus Information Services for Visitors

Rutgers is a big, dynamic place. On any given day, our campuses are alive with events and activities. In planning your visit, you may have specific questions about logistics, timing, contacts, and parking—anything at all. Campus Information Services is your go-to source for all things Rutgers.

You can call 732-445-INFO (4636) to speak to an information specialist or [ask your question online](#).

## Attractions & Destinations







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## Attractions & Destinations

**Rutgers has a wealth of enlightening and engaging attractions and destinations for visitors of all ages.** Whether it's stargazing or deep-sea exploration, jazz or chamber music, visual arts or gardening, the State University of New Jersey is involved and likely breaking new ground. It's a place to delve into history as well as catch a glimpse of the future, and the things to see and do here are as diverse as our student body and the vibrant cultural areas we call

home. Convenient to New York City, Philadelphia, and the Jersey Shore, our campuses are probably right along your way.

### The Gateway



“An entrance should make a strong, incisive statement because it creates the first impression,” artist Clyde Lynds says of the aptly named Gateway in Camden.

Located at Fourth and Cooper streets, the Gateway is two 10-foot high, glass panel walls that marks a transition from the city to the Camden Campus. At night, all 23 glass panels, etched with illustrations of prominent moments in civilization, are illuminated, highlighting an additional sculpture made of concrete, fiber optics, and glass that features a display of flickering light.

The \$1 million project, installed in September 2007, helped transform an underutilized street into a pedestrian-only green space. [Learn more.](#)

## Three Great Destinations

### Only at Rutgers

For a singular experience in New Jersey, try any of these terrific Rutgers attractions. Whether it's an unusual collection of American hollies, a new exhibit featuring a century of American woodcuts, or Miles Davis's trumpet, you'll find something exciting and leave these destinations feeling enlightened and refreshed.

**50 acres are yours to explore** at the [Rutgers Gardens](#), a world of flowering trees, shrubs, annuals, and perennials on the outskirts of the George H. Cook Campus in New Brunswick. The largest bamboo forest in New Jersey is just one of many gems to discover at the Rutgers Gardens.

**17,000 works** make up the foremost collection of dissident art from the former Soviet Union. The collection is the centerpiece of the [Jane Voorhees Zimmerli Art Museum](#) at Rutgers–New Brunswick, one of the finest university museums of art in the nation.

**100,000 recorded works of jazz** are housed at the world-renowned [Institute of Jazz Studies](#) at Rutgers–Newark. With its more than 100 distinct archival collections, the institute was called “one of world's treasures” by renowned documentary filmmaker Ken Burns who tapped its collections in making his PBS series, *Jazz*.

## EXPLORE RUTGERS

The lists below provide information, events, and points of interest for visitors in [New Brunswick](#), [Newark](#), and [Camden](#).

## . Arts & Culture

### **New Brunswick**

- Mason Gross School of the Arts
- Jane Voorhees Zimmerli Art Museum
- Brodsky Center for Innovative Editions
- Rutgers Day
- New Jersey Folk Festival
- The Rutgers Film Co-op/New Jersey Media Arts Center
- Asian American Cultural Center
- Center for Latino Arts & Culture
- Paul Robeson Cultural Center
- Bookstores

### **Newark**

- Newark Museum
- Newark Landmarks
- Paul Robeson Galleries
- Rutgers–NJIT Theatre Arts Program
- New Jersey Performing Arts Center (NJPAC)

### **Camden**

- Rutgers–Camden Center for the Arts
- Mid-Atlantic Regional Center for the Humanities (MARCH)
- The Gateway

## . Science & Nature

### **New Brunswick**

- Geology Museum
- Rutgers Gardens
- Robert A. Schommer Astronomical Observatory
- Rutgers Day
- Ag Field Day
- Hutcheson Memorial Forest

### **Newark**

- Branch Brook Park

**Camden**

- [Adventure Aquarium](#)
- [Johnson Park](#)

## . Architecture & History

**New Brunswick**

- [Mason Gross Memorial](#)
- [Old Queens and College Avenue Campus \[PDF\]](#)

**Newark**

- [Ballantine House](#)
- [New Jersey Historical Society](#)

**Camden**

- [Johnson Park](#)

## . Library Collections of Interest

**New Brunswick**

- [Special Collections and University Archives](#)
- [East Asian Library](#)

**Newark**

- [Institute of Jazz Studies](#)

# . Athletics & Recreation

## **New Brunswick**

- o [Scarlet Knights](#)
- o [Rutgers University Golf Course](#)
- o [Rutgers Recreation Public Programs](#)

## **Newark**

- o [Scarlet Raiders](#)
- o [Bears and Eagles Riverfront Stadium](#)

## **Camden**

- o [Scarlet Raptors](#)
- o [Camden Riversharks](#)





## 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.](#)

*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*Section I*

*Major Capital Projects*



# STATUS OF SIGNIFICANT PROJECTS

JUNE 2, 2015



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ANTONIO CALCADO

VICE PRESIDENT  
UNIVERSITY FACILITIES & CAPITAL PLANNING



	Budget	Page
<b>NEW BRUNSWICK</b>		
<u>@ BUSCH</u>		
1 Chemistry & Chemical Biology Building	\$ 115 M	5
<u>@ COLLEGE AVENUE</u>		
2 Seminary & Associated Property Development	\$ 295 M	6
3 Bishop Quad Residence Upgrades	\$ 13 M	7
<u>@ COOK</u>		
4 Institute for Food, Nutrition & Health	\$ 55 M	8
<u>@ DOUGLASS</u>		
5 Global Village Learning Center at the Jameson Dormitory Complex	\$ 11.5 M	9
<b>New Brunswick Total</b>	<b>\$ 489.5 M</b>	
<b>CAMDEN</b>		
6 Alumni House & Development Office	\$ 2.5 M	10
7 Writers House	\$ 4.5 M	11
8 Nursing and Science Building	\$ 62.5 M	12
<b>Camden Total</b>	<b>\$ 69.5 M</b>	
<b>NEWARK</b>		
9 Student Housing at 15 Washington St	\$ 85 M	13
10 Life Sciences Building, Phase II	\$ 59 M	14
11 Redevelopment of the Hahne & Co. Department Store	\$ 25 M	15
<b>Newark Total</b>	<b>\$ 169 M</b>	
<b>RUTGERS BIOMEDICAL &amp; HEALTH SCIENCES</b>		
<u>HEALTH SCIENCES @ PISCATAWAY</u>		
12 Pharmacy Building Expansion	\$ 38.0 M	16



	<b>Budget</b>	<b>Page</b>
<b>HEALTH SCIENCES @ NEWARK</b>		
13 School of Dental Medicine Oral Health Pavilion C Level Fit-Out	\$ 13.5 M	17
14 School of Health Related Professions Clinical Lab Renovation	\$ 4.03 M	18
15 School of Dental Medicine Oral Health Sciences Laboratory Renovation	\$ 16.0 M	19
16 Stanley S. Bergen, Jr. Building Level GA HVAC Upgrade	\$ 3.0 M	20
17 RBHS Site Wide Campus Network Protectors Replacement	\$ 5.0 M	21
 <b>Rutgers Biomedical and Health Sciences</b>		
<b>Total</b>	<b>\$79.53 M</b>	
 <b>Project Total University Wide</b>	<b>\$ 807.5 M</b>	

**Breakdown by Project Type**

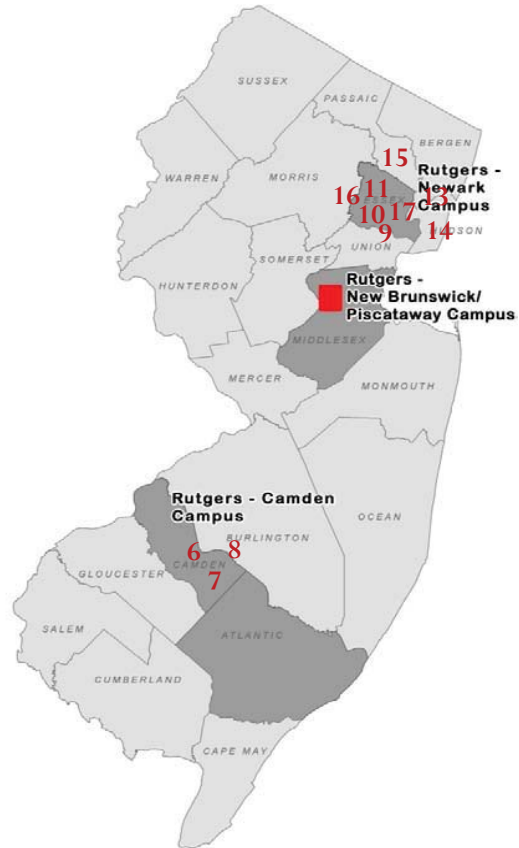
Student Services	\$ 96.5 M
Research/Teaching	\$ 700.5 M
Administrative	\$ 2.5 M
Infrastructure	\$ 8.0 M
 <b>Project Total University Wide</b>	<b>\$ 807.5 M</b>

**COMPLETED PROJECTS**

22



## CAPITAL PROJECTS AT RUTGERS, THE STATE UNIVERSITY





## NEW BRUNSWICK

@ BUSCH

### 1 Chemistry & Chemical Biology Building

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 gsf facility will feature flexible research laboratory areas for teaching/teaching support, classrooms and collaborative and administration space.

115 M



#### Key Dates

CPAC Approval Date	January 13, 2013
BoG Approval Date	February 28, 2013
Anticipated Completion Date	Fall 2016

#### Design & Construction Status

Construction underway, 10% complete







## NEW BRUNSWICK

@ COLLEGE AVENUE

### 2 Seminary & Associated Property Development

The redevelopment of the Seminary Property will add 680,000 gsf to the campus footprint and will include a Residential Honors College, signature Academic Building and the development of Lot 8 which will include university housing and retail and the construction of parking.

295 M



#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	June 20, 2012
Anticipated Completion Date	Academic Building: Fall 2016 Honors College: Fall 2015 Lot 8 Housing: Fall 2016

#### Design & Construction Status

- Academic Building: 35% complete
- Honors College: Construction underway, 75% complete
- Lot 8 Housing: Construction underway, 45% complete



Honors College



Academic Building



Lot 8 Housing



## NEW BRUNSWICK @ COLLEGE AVENUE

### 3 Bishop Quads Residence Upgrades

The Bishop Quad Residence Halls, which date back to the 1920's are comprised of four distinct buildings in the center of the College Avenue campus: Hegeman, Wessels, Leupp, and Pell Halls. These residences halls, comprising of 82,436 gsf, house approximately 300 undergraduate students and are among the most popular on campus. This extensive renovation will upgrade dormitories to current buildings codes and address function efficiencies.

13 M



#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	June 20, 2012
Anticipated Completion Date	Summer 2015

#### Design & Construction Status

Construction underway, 65% complete





## NEW BRUNSWICK

@ COOK

### 4 Institute for Food, Nutrition & Health

Construction of a new facility for this institute, located on the Cook Campus, comprising of 78,000 sq. ft.

This facility will focus on the study of cardio-inflammatory disease, cancer and obesity and will contain state-of-the-art laboratories, community clinics, a children's nutrition center and preschool as well as a dining facility offering health food options.

55 M



### Key Dates

CPAC Approval Date

Not Applicable

BoG Approval Date

February 28, 2012

Anticipated Completion Date

Summer 2015

### Design & Construction Status

Construction underway, 85% complete





## NEW BRUNSWICK

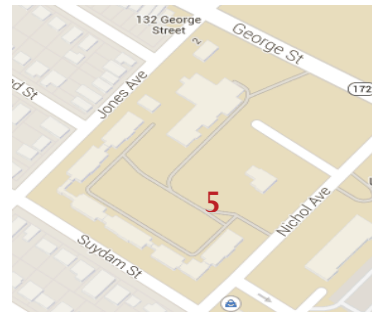
@ DOUGLASS

### 5 Global Village Learning Center at the Jameson Dormitory Complex

Construction of a new dormitory, located on the Douglass Campus, comprising of 19,000 sq. ft.

This facility will be the new home of the Global Village Learning Community, housing 37 beds for the Global Village house. The facility will include lounge, assembly, classroom and kitchen spaces as well as a public section offering students a supportive living learning experience.

11.5 M



#### Key Dates

CPAC Approval Date	November 12, 2013
BoG Approval Date	December 3, 2013
Anticipated Completion Date	Fall 2016

#### Design & Construction Status

- Design/Build awarded
- Design underway





## CAMDEN

### 6 Alumni House & Development Office

Renovation and restoration of 312 Cooper Street, the former Red Cross Building, built in the early 19th century and is located within the Cooper Street Historical district. This space will be occupied by the Alumni Development Office and consists of 8,015 sq. ft. A 1,150 sq. ft. addition includes an elevator and stairs.

The renovated space will include Alumni meeting rooms and offices and space for the Alumni Development Office.

2.5 M

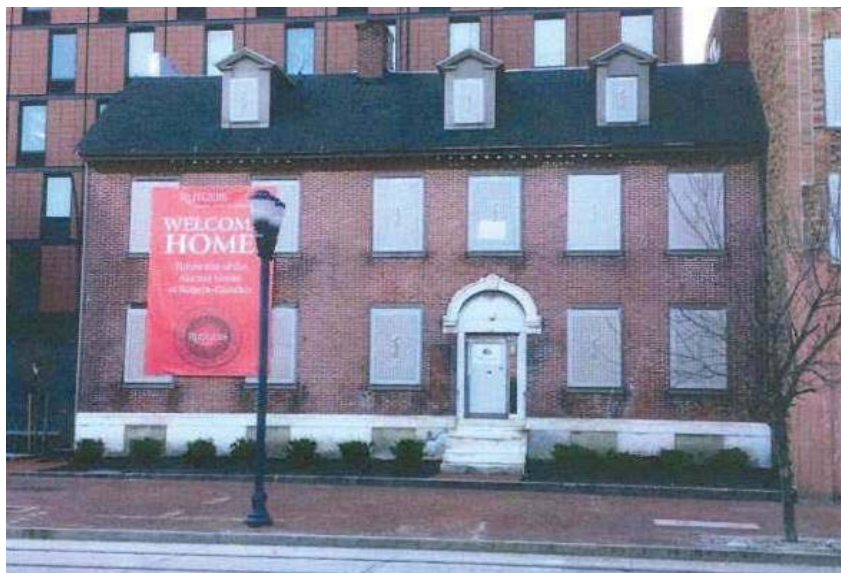


#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	December 14, 2012
Anticipated Completion Date	Fall 2015

#### Design & Construction Status

Design complete





## CAMDEN

### 7 Writers House

The renovation of 305 Cooper Street, the Henry Genet Taylor House, built in 1885 and currently on the National Register of Historic Properties, includes a renovation to the existing 6,685 sq. ft. as well as an addition to the building that will include stairs, elevator and offices. This space will be occupied by the Department of English.

The renovated space will provide students, faculty and guest writers the opportunity to gather and discuss literature and scholarly projects. As well, this project will provide a mechanism for the Masters in Fine Arts in Creative Writing to develop into a premier graduate program in southern New Jersey.

4.5 M



#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	December 14, 2012
Anticipated Completion Date	Fall 2015

#### Design & Construction Status

Construction underway, 20% complete





## CAMDEN

### 8 Nursing and Science Building

This project, the construction of a new 100,000 gsf facility will have state-of-the-art teaching spaces that are consistent with the current pedagogical trends in Nursing and Science education.

This facility will feature specialized simulation spaces for advanced teaching and SCALE-UP “Discovery Labs”. Shared student areas between Nursing and Science include student lounges, a food service area, group study rooms and collaboration spaces.

62.5 M



#### Key Dates

CPAC Approval Date	January 14, 2013
BoG Approval Date	February 28, 2013
Anticipated Completion Date	Summer 2017

#### Design & Construction Status

Contract awarded





## NEWARK

### 9 Student Housing at 15 Washington Street

This project involves the conversion of 15 Washington St. into a mixed use 260,000 gsf residence to house 175 graduate and 185 undergraduate students on the Newark Campus.

Features will include "apartment-style" living units, configured as studios, one, two, three and four bedroom units. Additionally, there will be common and study areas, and laundry facilities available. A 24 hour, 365 days per year security/service desk will be staffed in the building.

85 M



#### Key Dates

CPAC Approval Date  
 BoG Approval Date  
 Anticipated Completion Date

Not Applicable  
 February 28, 2013  
 Summer 2015

#### Design & Construction Status

Construction underway, 85% complete







## NEWARK

### 10 Life Sciences Building, Phase II

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 gsf building will be occupied by the Biology, Chemistry and Neuroscience departments.

59 M



#### Key Dates

CPAC Approval Date

January 14, 2013

BoG Approval Date

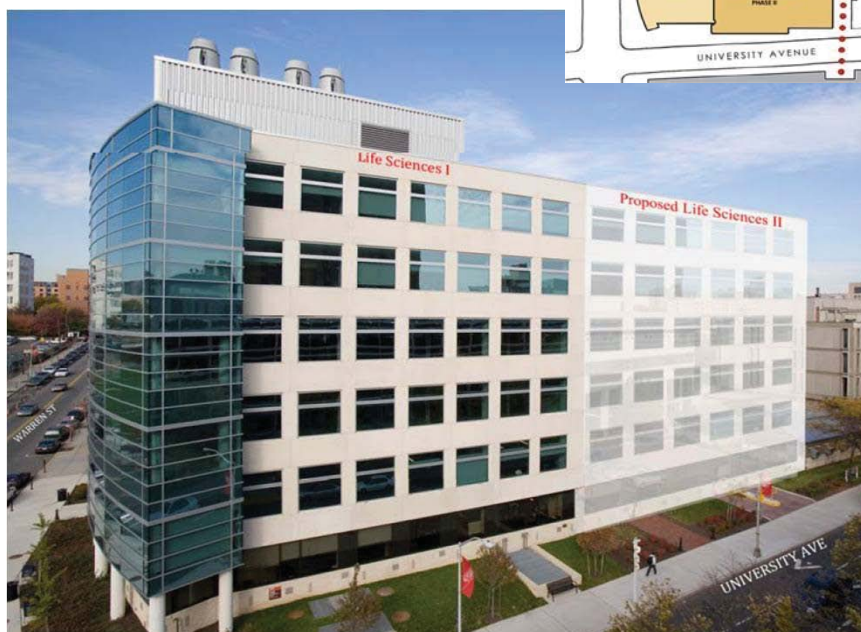
February 28, 2013

Anticipated Completion Date

Spring 2017

#### Design & Construction Status

Contract awarded





## NEWARK

### Redevelopment of the Hahne & Co. Department

#### 11 Store

This project, the renovation of between 45,000 and 60,000 square feet of space for Rutgers occupancy on multiple floors, will provide space for arts education and community collaboration in a landmark Newark building just east of the campus. The program - Express Newark: A University Community Collaboratory – will support cross-unit, cross-sector, cross-institutional publicly engaged scholarship collaborating with Newark artists, schools and institutions.

The Rutgers space in the redeveloped building will include a wide array of arts-based uses. These include portrait studios, print studios, galleries and media laboratories. From the multi-purpose creative to the flexible exhibit, the project will provide for student, faculty, arts institutions, and public collaboration throughout all of the spaces.

25 M



#### Key Dates

CPAC Approval Date	September 15, 2014
BoG Approval Date	October 19, 2014
Anticipated Completion Date	Spring 2017

#### Design & Construction Status

Developer agreement underway





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

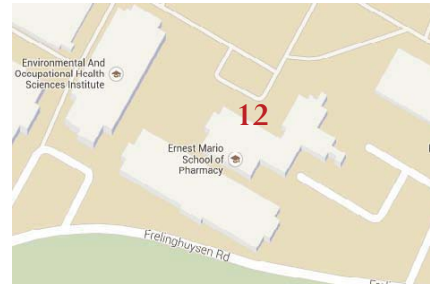
### HEALTH SCIENCES @ PISCATAWAY

#### 12 Pharmacy Building Addition

The project represents a state of the art 57,000 sf addition to the existing William Levine Hall Building that will feature classrooms and lecture space.

The space will house two 300 seat auditoriums, four 60 seat classrooms, four collaborative practice simulation laboratories, a community practice patient interaction simulation suite, small group study rooms, a centralized student commons as well as administrative pharmacy space.

37.5 M



#### Key Dates

CPAC Approval Date	January 14, 2013
BoG Approval Date	February 28, 2013
Anticipated Completion Date	Fall 2017

#### Design & Construction Status

Design underway





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

### HEALTH SCIENCES @ NEWARK

#### 13 School of Dental Medicine Oral Health Pavilion C Level Fit-Out

This project will add 24,500 square feet of clinical teaching space to NJDS, specifically, the C Level of the OHP building. This square footage translated into 87 state of the art clinical operatories that represent the environment in which students would ultimately practice. This clinic will seamlessly integrate into the existing building infrastructure and link to the older Bergen Building through a diagonal corridor.

13.5 M



#### Key Dates

CPAC Approval Date  
BoG Approval Date  
Anticipated Completion Date

Not Applicable  
February 28, 2013  
Winter 2015

#### Design & Construction Status

Construction underway, 25% complete





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

### HEALTH SCIENCES @ NEWARK

#### 14 School of Health Related Professions Clinical Lab Renovation

Renovation in the Stanley S. Bergen Jr. Building will occur at the GB level southwest laboratory and office area. This renovation will make better use of the existing interior space by reconfiguring approximately 4,410 square feet to provide space and resources for the renovated SHRP Clinical Laboratory Science and Interprofessional Health Laboratories and adjacent research and clinical trials support area.

4.03 M



#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	February 28, 2013
Anticipated Completion Date	Fall 2015

#### Design & Construction Status

Construction underway, 45% complete





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

### HEALTH SCIENCES @ NEWARK

#### 15 School of Dental Medicine Oral Health Sciences Laboratory Renovation

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 feet 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 feet. 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 M



#### Key Dates

CPAC Approval Date  
 BoG Approval Date  
 Anticipated Completion Date

Not Applicable  
 February 28, 2013  
 Winter 2016

#### Design & Construction Status

Design Underway





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

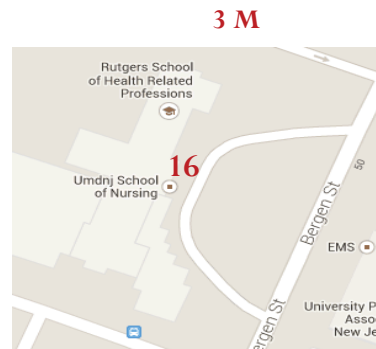
### HEALTH SCIENCES @ NEWARK

#### 16 Stanley S. Bergen, Jr. Building Level GA HVAC Upgrade

The scope of this program intends to replace the HVAC system on the GA Level, South End, as the system in this location has exceeded its anticipated life.

This project replaces the various control boxes within the GA Level, South with modern VAV boxes along with the necessary controls for the efficient operation of the system. Ductwork, ceilings and specific lighting requires removal and replacement for this installation.

In addition, this project replaces and upgrades the two Air Handlers supporting the spaces. One located in the basement under the main building and one in the expansion mechanical room on the South west sector of the building.



#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	TBD
Anticipated Completion Date	

#### Design & Construction Status

Project on hold per School of Nursing's request





## RUTGERS BIOMEDICAL AND HEALTH SCIENCES

### HEALTH SCIENCES @ NEWARK

#### 17 RBHS Site Wide Campus Network Protectors Replacement

The scope of this program intends to replace the Low Voltage Network Protectors in four existing transformer vaults (Administrative Complex, Dental School, Library, and Power Plant) at the RBHS Campus. Each vault consists of double ended switchgears in a ring bus configuration.

The switchgear feeders are energized with incoming 26.4 kV power flow from the main switchgear. Each substation is connected to a network of 2000 kVA transformers stepped down to 480/277V. The transformer outputs feed the building MCCs and distribution panels.

The functionality of Low Voltage Networks are to prevent power from ‘back-feeding’ from one transformer to another. The Network Protectors are designed to open (that is, break the circuit) quickly when they detect back-feeding and initiate automatic recloses system to normal.

5 M

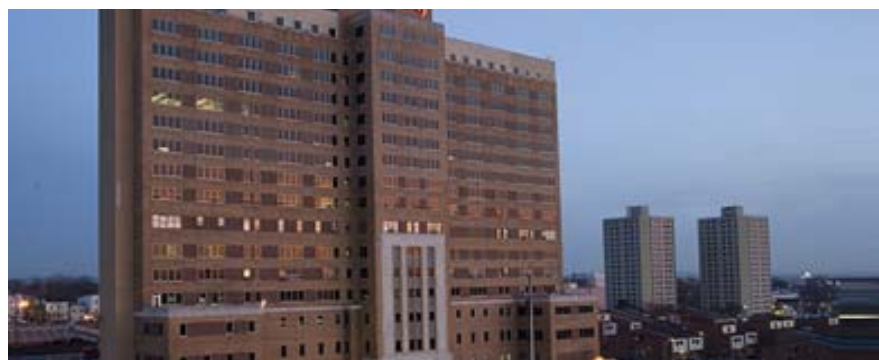


#### Key Dates

CPAC Approval Date	Not Applicable
BoG Approval Date	TBD
Anticipated Completion Date	Summer 2016

#### Design & Construction Status

Construction underway, 15% complete







## COMPLETED PROJECTS SINCE 2006

In millions

### Busch Campus

#### 2006

1	Bio Medical Engineering Building	\$	33.5
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#### 2007

2	Keck Neuroscience Center	\$	2.4
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3	Wright Rieman Polymer & Protein Wet Lab, Room 371	\$	3.0
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#### 2009

4	Stadium Expansion	\$	102.0
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5	University Visitor Center	\$	7.5
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#### 2010

6	Brown Welcome Pavilion & Football Recruiting Lounge	\$	4.9
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7	Cell DNA Repository	\$	3.8
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#### 2011

8	University Housing	\$	57.0
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9	Center for Integrative Proteomics Research	\$	47.0
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#### 2013

10	Nelson Biology Laboratories C-Wing Renovation	\$	10.8
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11	Infrastructure Improvements Project	\$	10.0
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### Camden Campus

#### 2007

12	Camden Dining Hall Renovation	\$	5.3
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#### 2009

13	Camden Law School	\$	37.0
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14	Camden Recreation Center	\$	12.0
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#### 2011

15	Early Learning Research Academy (ELRA)	\$	3.9
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#### 2012

16	Camden Student Housing Project	\$	55.0
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### College Avenue Campus

#### 2008

17	College of Nursing	\$	10.0
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#### 2009

18	Student Counseling Center	\$	5.0
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#### 2010

19	Institute for Health Sciences	\$	25.0
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In millions

**2012**

20	Gateway Transit Village	\$	19.6
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**Cook Campus****2008**

21	Endocrine Research Facility	\$	4.5
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**Douglass Campus****2008**

22	Douglass Developmental Disabilities Center	\$	4.0
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**2013**

23	Robert E. Mortensen Hall, Music & Dance Wing	\$	12.5
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**Livingston Campus****2009**

24	Livingston Solar Energy Project	\$	10.0
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**2010**

25	Livingston Student Center	\$	18.2
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**2011**

26	Livingston Dining Commons	\$	30.5
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**2012**

27	University Housing	\$	215.0
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**2013**

28	Solar Canopy Project	\$	40.8
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29	Livingston Business School	\$	85.0
----	----------------------------	----	------

30	Tillett Classroom Renovations	\$	13.5
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31	Livingston Campus Infrastructure	\$	10.0
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32	7 Kilmer Road	\$	3.5
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**Newark Campus****2009**

33	Rutgers Business School	\$	83.0
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**2010**

34	Life Sciences - Olson Hall	\$	5.4
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**2012**

35	Central Heating Plant Upgrade	\$	3.7
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In millions

**Outlying****2006**

36	Multi-Species Aquaculture Demonstration Facility	\$	7.8
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**2008**

37	Food Innovation Center	\$	7.7
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**2012**

38	Atlantic Cape Community College Facility	\$	7.5
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**University Utilities****2009**

39	High Voltage Substation Upgrade: Phase 1	\$	10.5
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**2010**

40	Interior Lighting Retrofit Program	\$	5.0
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**2011**

41	High Temp Hot Water Improvements	\$	8.0
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**Campus Wide****2011**

42	Classroom Enhancement	\$	15.0
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<b>Total Capital Investment Since 2006</b>		<b>\$</b>	<b>1,055.7</b>
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*Rutgers, The State University of New Jersey*

*Institutional Profile Report*

*2015*

*(September 15, 2015)*