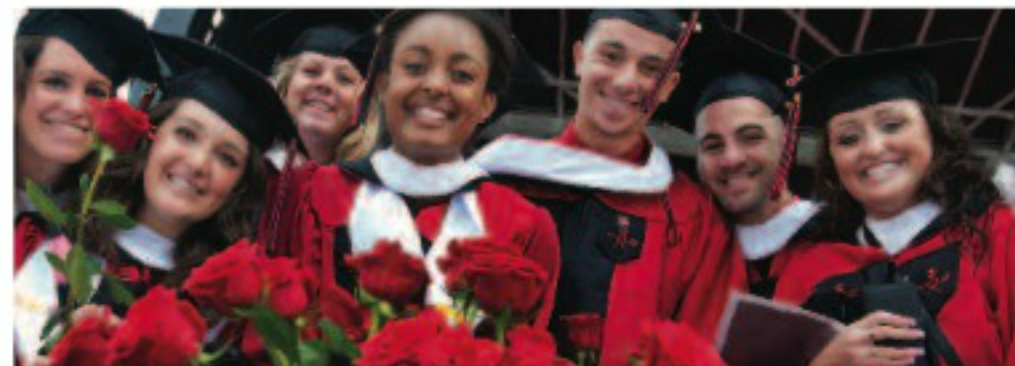
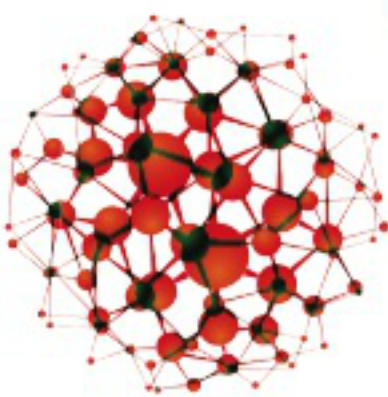


# Great things to know about Rutgers



# Our Reputation

Founded in 1766, Rutgers, The State University of New Jersey, is the only university in the United States that is a colonial college, a land-grant institution, and a leading national public research university.

450,000



## Top 5

### PUBLIC UNIVERSITIES IN THE NORTHEAST

- *U.S. News & World Report*, Best Colleges
- *Washington Monthly*, College Guide
- Center for Measuring University Performance, Top Public Research Universities

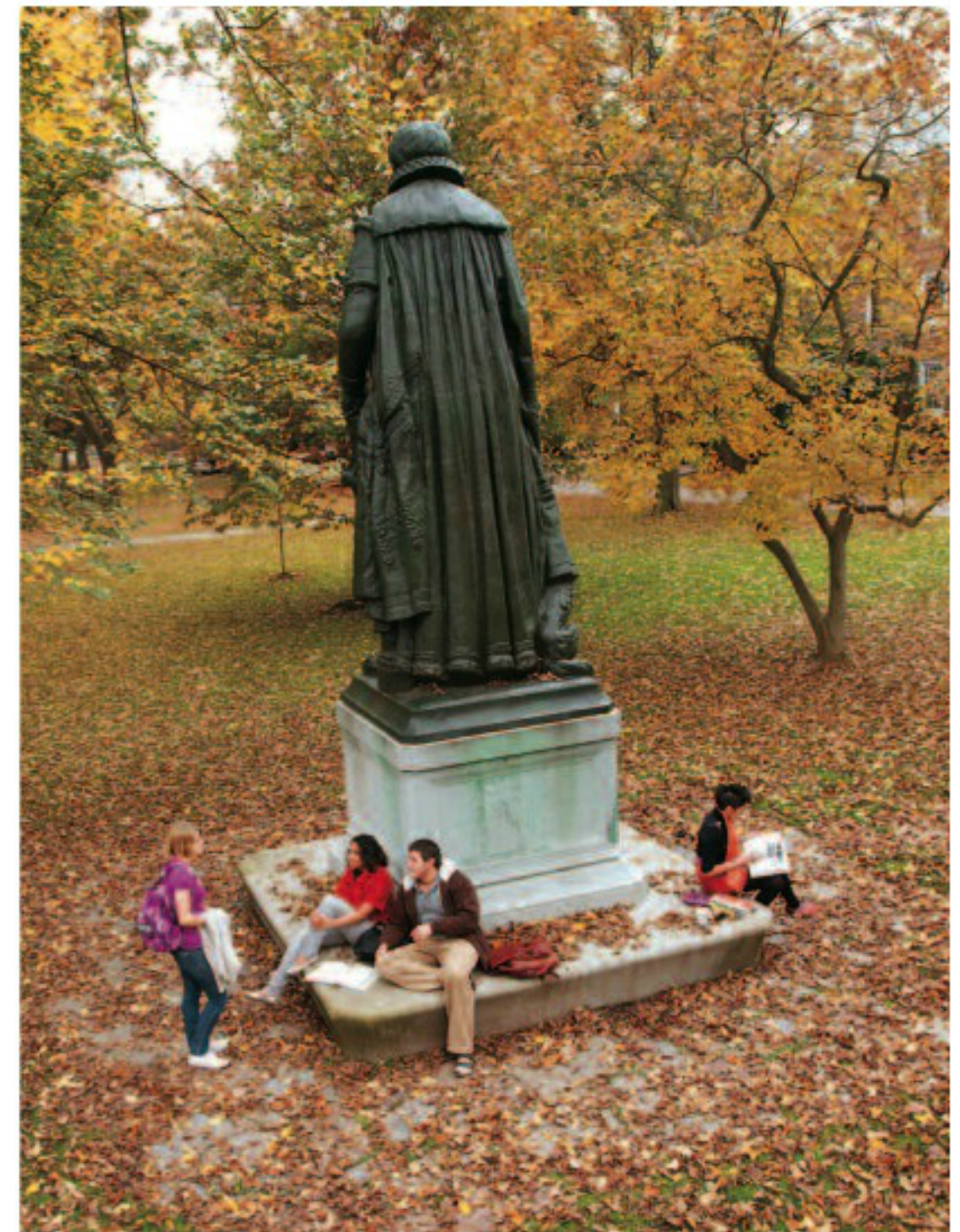
## Alumni Nation



With more than 450,000 alumni, Rutgers has one of the largest contingents of living alumni in the nation.

## Genius<sup>4</sup>

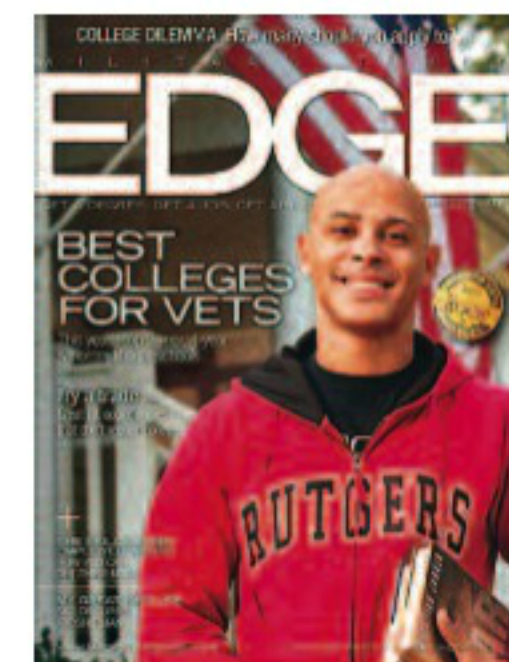
Four 2013 MacArthur "genius grant" winners: professor Julie Livingston, alumni Craig Fennie and Jeffrey Brenner, visiting teacher Karen Russell



## Top 25

### PUBLIC UNIVERSITIES IN THE NATION

- *U.S. News & World Report*, Best Colleges, National Universities
- Payscale Return on Investment, Research Universities
- *Wall Street Journal*, Top Recruiter Picks
- Shanghai Jiao Tong University Academic Ranking of World Universities (China)



### Best for Vets

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



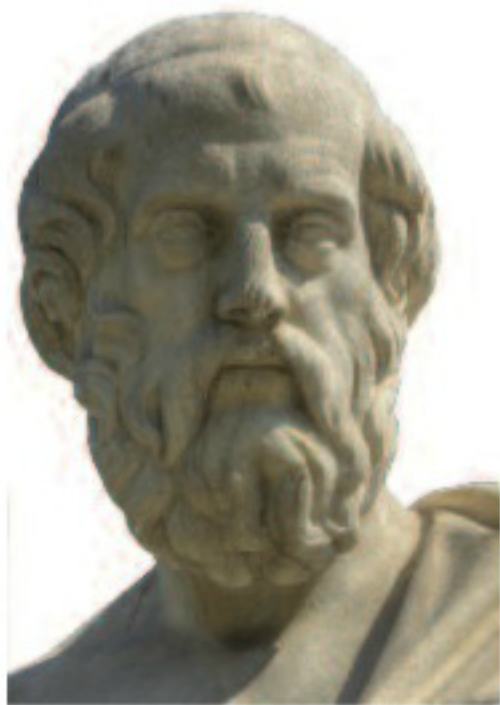
### Committee on Institutional Cooperation

In July 2013, Rutgers joined the Committee on Institutional Cooperation, the prestigious academic counterpart of the Big Ten athletic conference. Members are 15 top-tier American universities, including all members of the Big Ten and the University of Chicago.

# TOP 100

## UNIVERSITIES IN THE WORLD

- Center for World University Rankings (Saudi Arabia)
- Shanghai Jiao Tong University Academic Ranking of World Universities (China)
- *Times Higher Education*, World Reputation Rankings (U.K.)
- Webometrics (Spain)



## 3 for 3

- School of Arts and Sciences  
#3 faculty in the English-speaking world, *Philosophy, Philosophical Gourmet Report*
- Rutgers Business School  
#3 in the nation, *Wall Street Journal*, Top Recruiter Picks, New Brunswick undergraduate program
- Edward J. Bloustein School of Planning and Public Policy  
#3 in the nation, *Planetizen: Guide to Graduate Urban Planning Programs*



## Top 10

### A SAMPLING OF TOP 10 RANKED PROGRAMS\*

African-American History • Criminology • Discrete Mathematics and Combinatorics • Gender and Literature • Library and Information Studies • Logic • Oceanography • Physician Assistant • Printmaking • Public Management Administration • Quantitative Finance • Sociology of Culture • Supply Chain Management • Women's History (\*Various guides and rankings)

## Top 25

Graduate programs ranked in the nation's top 25 by *U.S. News & World Report*: School of Law–Newark, Return on Investment #9 • U.S. History #14 • English #17 • History #20 • Industrial Engineering #23 • Mathematics #23 • Public Affairs #23

“Rutgers students come from diverse backgrounds and are offered many opportunities to gain real-world exposure. Their personal diversity fits in with our inclusive culture, and their varied professional experience gives Rutgers students a competitive edge in our interdisciplinary organization.”

—Christine Goodwin, University Relations Manager, AT&T, on hiring Rutgers graduates



# Our Faculty

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



School of Arts and Sciences economics department chair Rosanne Altshuler is a top national expert on taxation. She testifies frequently in Washington and her findings appear regularly in scholarly journals and the media.

# 1

Rutgers has more faculty than any New York metro area institution and ties for fifth most in the world in the inaugural class of Fellows of the American Association for Cancer Research.

# 2

Rutgers faculty continue to attract National Science Foundation (NSF) Integrative Graduate Education and Research Traineeship (IGERT) funding. Rutgers is second in the nation in number of active IGERTs. “The IGERT is the National Science Foundation’s flagship interdisciplinary training program, educating U.S. Ph.D. scientists and engineers.”—NSF

# 3

Rutgers is among the top three public universities in the Northeast for National Science Foundation Faculty Early CAREER Development Awards, which support the nation’s most promising early career scientists, engineers, and scholars.



## Game Changers

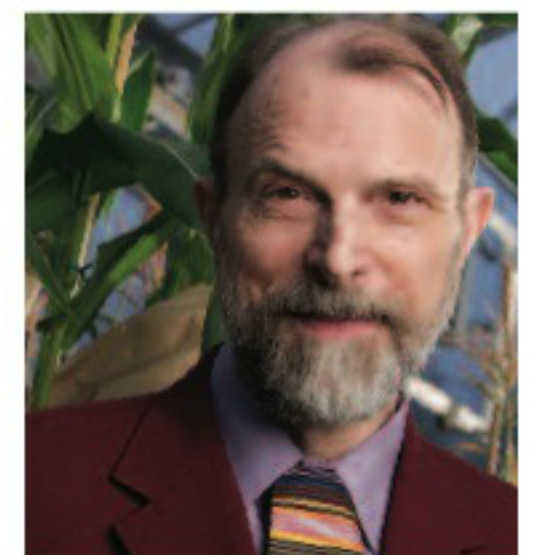
### RUTGERS FACULTY WIN TOP AWARDS FOR PIONEERING ACHIEVEMENTS

- MacArthur “Genius” Fellowship: **Julie Livingston**, above, for archival and ethnographic research of individuals with chronic illnesses in Africa and elsewhere
- American Academy of Pediatrics AIDS Lifetime Achievement Award: **James M. Oleske** for advancing the prevention, diagnosis, and treatment of pediatric HIV/AIDS
- National Academy of Engineering Charles Stark Draper Prize: **Richard H. Frenkiel**, for pioneering contributions to the world’s first cellular telephones
- Women’s Caucus for Art Lifetime Achievement Award: **Ferris Olin**, for building a legacy for women in the arts through exhibitions, documentation, and scholarship
- Lemelson-MIT Lifetime Achievement Award: **Sidney Pestka**, “the father of interferon,” for developing antiviral treatments for chronic hepatitis B and C, multiple sclerosis, and cancers
- Abdus Salam International Centre for Theoretical Physics Dirac Medal: **Alexander Zamolodchikov**, for pioneering theoretical work with significant impact in condensed matter systems and string theory

## The Other “Nobels”

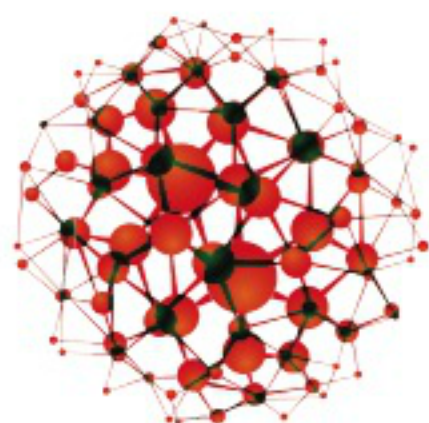
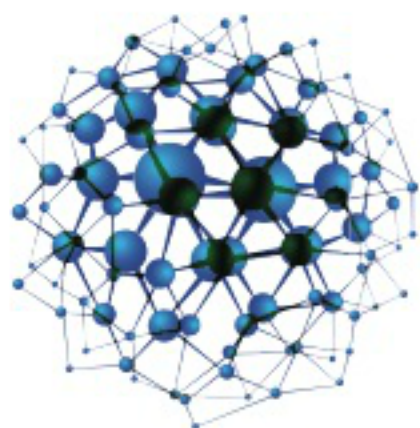
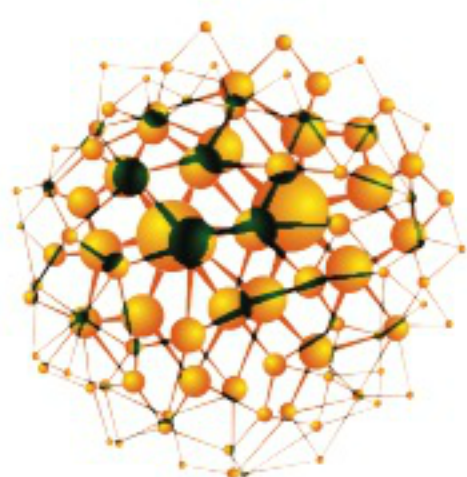
Three Rutgers faculty recently earned the world’s top awards for research in fields where Nobel Prizes are not given.

- **J. Frederick Grassle**, Japan Prize 2013 (marine sciences)
- **Joachim Messing**, pictured, Wolf Prize 2013 (agriculture)
- **Endre Szemerédi**, Abel Prize 2012 (mathematics)



# Top 5

Rutgers ranks fifth in the world in the number of mathematicians in the inaugural class of Fellows of the prestigious American Mathematical Society.



# World Class

World rankings reflect faculty excellence.

Shanghai Jiao Tong (China)

■ Computer Science: #20

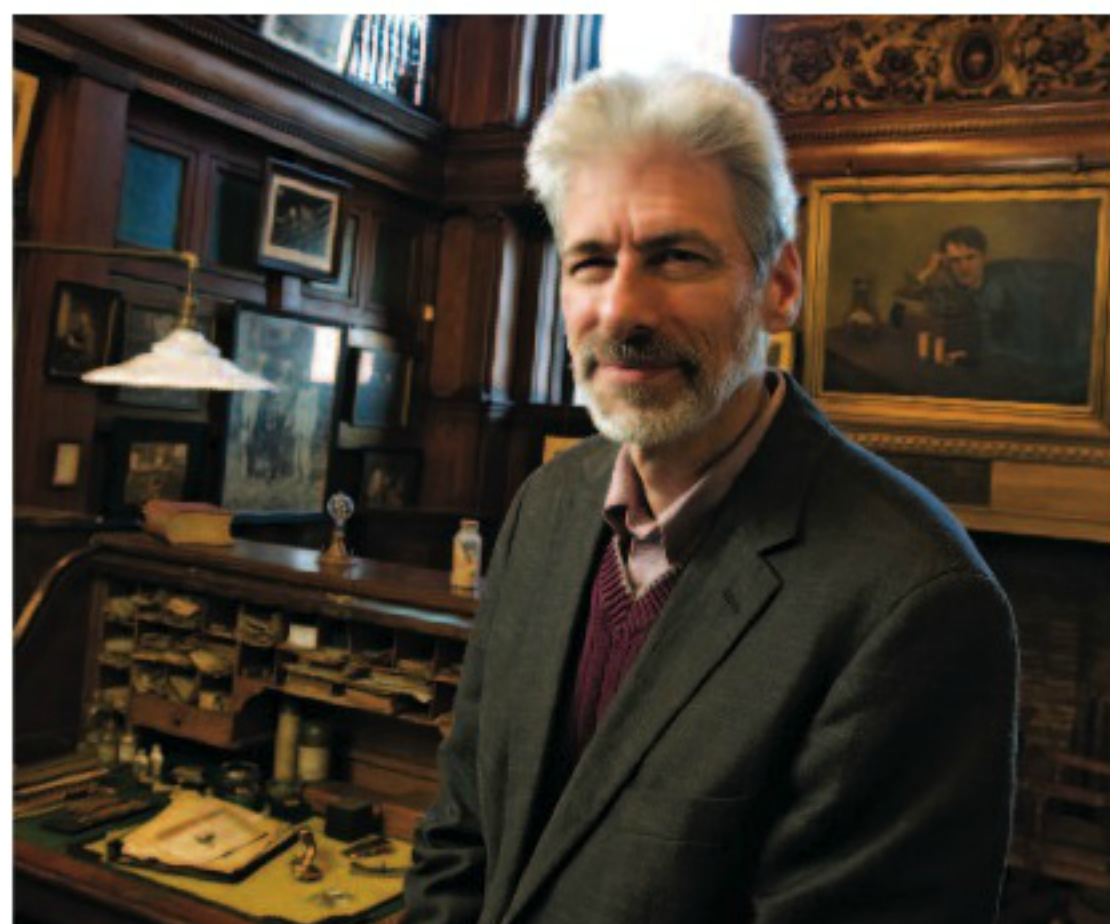
■ Mathematics: #27

■ Physics: #43

*Times Higher Education* (U.K.)

■ Arts and Humanities: #27

George McLaughlin, clinical professor in the Department of Restorative Dentistry, left in photo at right, is a popular teacher and student adviser. He has been honored for "excellence in teaching, community service, patient care, and participation in organized dentistry."



## Archives of the Essential

■ Under the guidance of historian Paul Israel, above, the Thomas A. Edison Papers project is one of the most ambitious editing projects ever undertaken by an American university. Since 1978, a team of editors/scholars has been turning an incomparable trove of Edisonia—5 million pages of documents—into an unparalleled educational resource.

■ The six-volume papers of Elizabeth Cady Stanton and Susan B. Anthony, the nation's foremost advocates of women's suffrage, are published by Rutgers University Press and represent decades of work at Rutgers by historian Ann Gordon. Rutgers is ranked first for women's history by *U.S. News & World Report*.

■ Called "one of the world's treasures" by documentary filmmaker Ken Burns, the Institute of Jazz Studies is America's premier jazz archive. The institute rose to prominence under the guidance of its director emeritus, National Endowment for the Arts Jazz Master, and eight-time Grammy winner Dan Morgenstern.



# 20,000+

Number of undergraduate and graduate courses taught at Rutgers in a single year, from introductory calculus to chamber music composition to special courses in biomechanical engineering



Astrophysicist **Rachel Somerville** is the 2013 recipient of the American Institute of Physics and American Astronomical Society Dannie Heineman Prize for Astrophysics. Given annually to recognize outstanding work in the field, Somerville was lauded for her focus on understanding "how galaxies form and evolve in a cosmological context, from shortly after the Big Bang until the present day."

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

—The National Academies

# Our Students

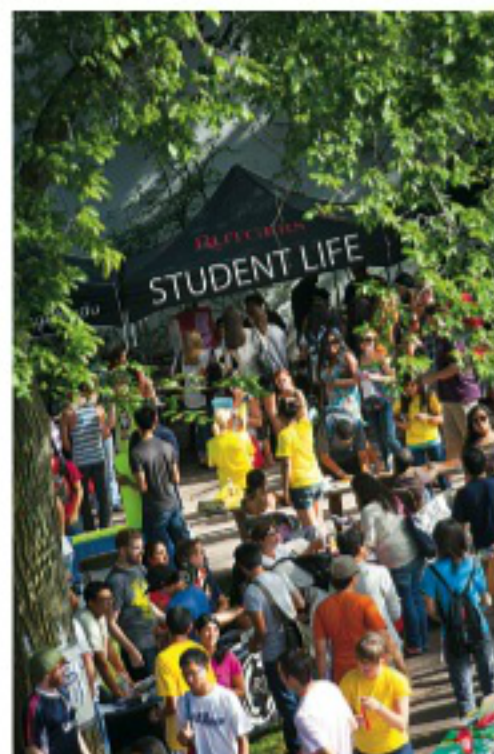
Our amazing students are smart, driven, diverse, and down-to-earth, helping to make Rutgers “a favorite of companies recruiting new hires,” according to the *Wall Street Journal*. Few universities, if any, do better than Rutgers in producing academic scholarship that is both highly regarded and practically useful, while also providing educational opportunity to a student body that is so economically and ethnically diverse.



Electrical and computer engineering undergraduate Amulya Kattimani thinks big, especially about how big data can “benefit humanity.” As she works toward her future, she is already making her mark: as a Texas Instruments intern, a lead learning assistant in the Rutgers Learning Centers, a Cyber Physical Systems Lab researcher, and active member of the Theta Tau engineering fraternity.

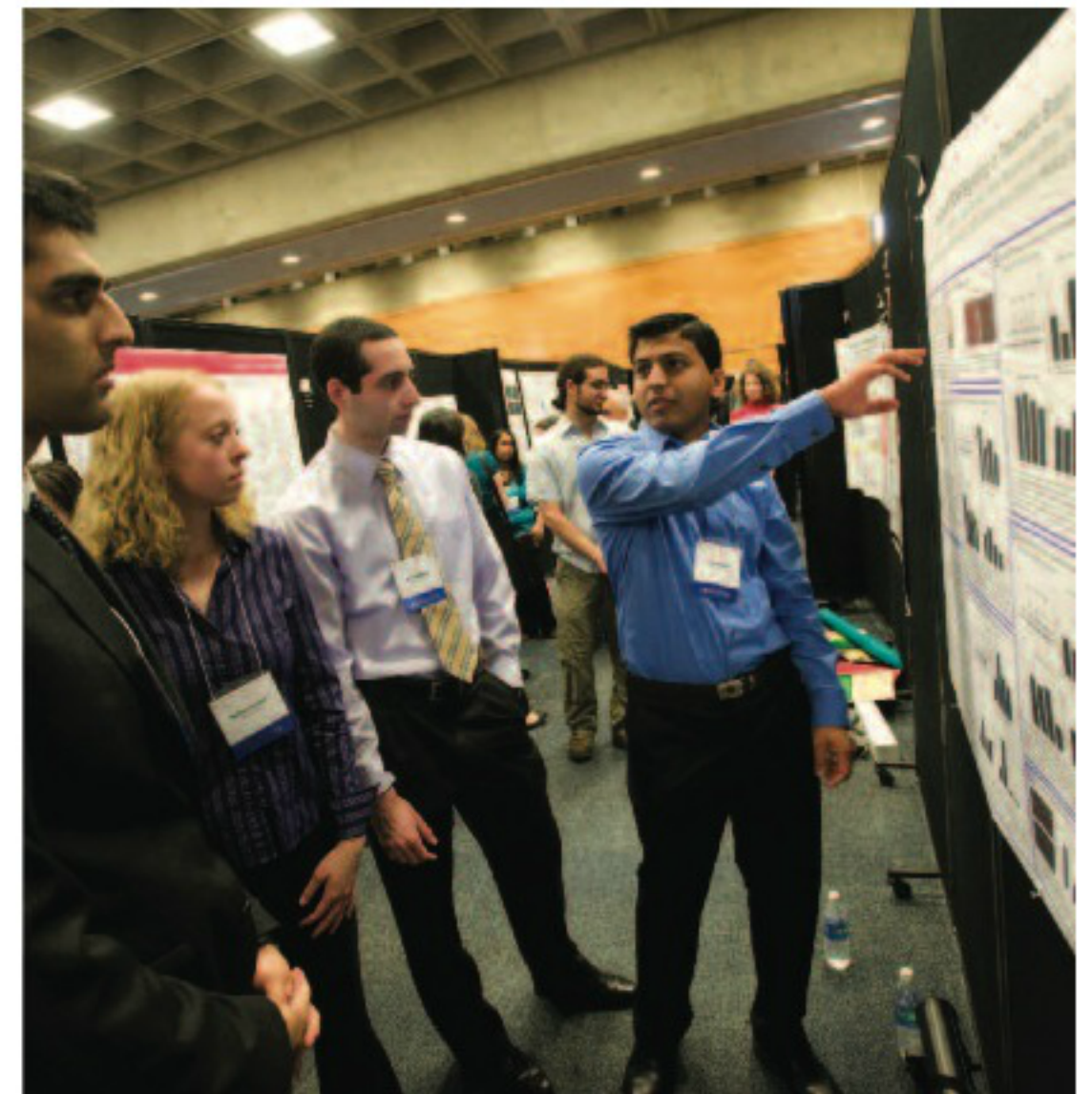
# 65,500 strong

Our 65,500 students come from every state in the nation and more than 115 countries.



## #1 in Diversity

- *U.S. News & World Report*, Best Colleges: Rutgers University–Newark is #1 in student diversity since 1997. Rutgers University–New Brunswick consistently ranks in the top 30.
- *Diverse Issues in Higher Education*: #5 in the nation for minorities among nonhistorically black colleges and universities (Rutgers University–Newark)
- Campus Pride’s Top 25 LGBT-Friendly Colleges and Universities



## The Bright Side

The mean SAT score for incoming first-year students at Rutgers’ flagship campus in New Brunswick is 1853, exceeding the national and New Jersey averages by more than 330 points.

# TOP 3 for Fulbrights

26 students earned Fulbright Scholarships for 2013–2014, making Rutgers third in the nation among all research universities.



More than two-thirds of incoming first-year students at Rutgers are immigrants or the children or grandchildren of immigrants.

# 1,000 of America's Best

Rutgers' nearly 1,000 incoming university merit scholars are from towns throughout New Jersey and from 30-plus states including California, Maryland, Michigan, and Texas.



## Class of 2013

**HIRED BY** Amazon • American Cancer Society • CBS Sports Radio • Citigroup • Colgate-Palmolive • Credit Suisse • Deloitte Consulting • Disney • Federal Reserve • Google • Johnson & Johnson • Merck • Moody's • Teach For America • Verizon

**ATTENDING GRADUATE SCHOOL** Carnegie Mellon • Columbia • Dartmouth • Georgetown • Princeton • Rutgers • Stanford • University of Pennsylvania • University of Virginia • Yale

**MEDICAL RESIDENCY MATCHES** Baylor • Cleveland Clinic • Massachusetts General • New York Presbyterian • University of Chicago • University of Pennsylvania • University of Southern California • Yale-New Haven



# Smart Play

The Rutgers Scarlet Knights football team was the lone state university program on the 2013 NCAA Academic Progress Rate list to be ranked in the top 10 percent nationally for the sixth straight year.

# 4,000



More than 4,000 international students from 115-plus countries—from Albania to Zimbabwe—study at Rutgers, 700-plus Rutgers students study abroad through the Center for Global Education and language department programs, and 100-plus students from other countries choose Rutgers for study abroad.

# \$954 million

That's how much financial aid our students garner in a single year. **84 percent of undergraduates and 81 percent of graduate students receive aid.** For percentage of first-year undergraduates receiving Pell grants, a key measure of access-to-education, Rutgers is 10th among the top 100 schools in *U.S. News & World Report's* Best Colleges.



## AMERICAN PARLIAMENTARY DEBATE ASSOCIATION

#3 Student Club of the Year. Top 5 clubs: Yale, Brandeis, Rutgers, Johns Hopkins, Harvard

Robert Wood Johnson Medical School student Towhid Ali was one of 45 students selected for the inaugural class of the National Institutes of Health Medical Research Scholars Program.

The program is “designed to attract the most creative, research-oriented medical, dental, and veterinary students.”

—National Institutes of Health

# Our Research

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



Medical geneticist Jay Tischfield leads RUCDR Infinite Biologics at Rutgers, the world's largest university-based biorepository for the study of genetic disorders including autism, schizophrenia, drug abuse, alcoholism, diabetes, and kidney diseases. A 2013 \$44.5 million grant from the National Institute of Mental Health supports the repository's research on mental disorders.

# \$700 million

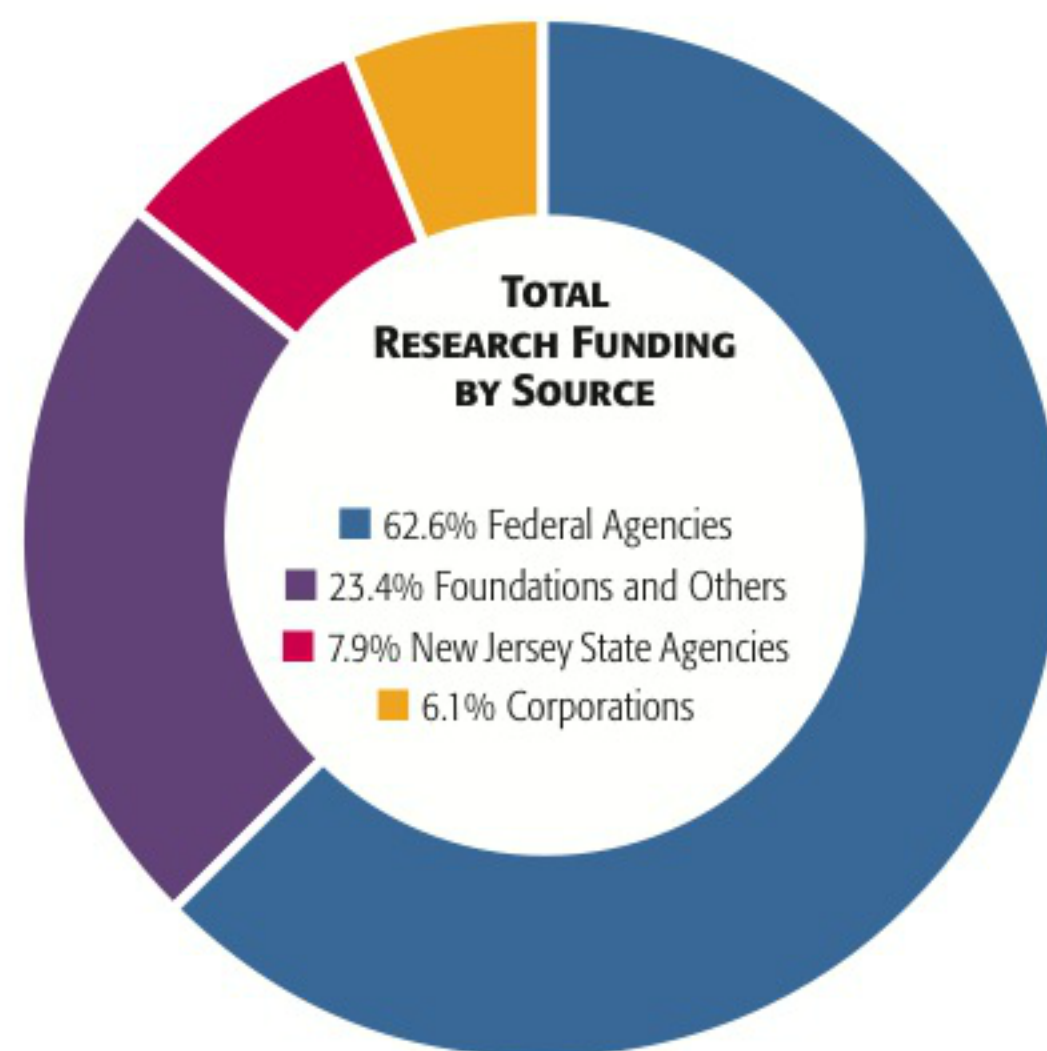
With the establishment of Rutgers Biomedical and Health Sciences in 2013, Rutgers has catapulted to the top tier of American universities in research and development (R&D) expenditures. Now exceeding \$700 million annually, Rutgers outpaces the vast majority of American schools in R&D.

In R&D expenditures, Rutgers University–New Brunswick is ranked

- #1 in the nation for chemistry
- #4 in the nation for social sciences
- #6 in the nation for mathematics



World-renowned Rutgers neuroscientist Wise Young (right) and paralyzed Scarlet Knights football player Eric LeGrand (left) inspire the nation with their shared commitment to advocate for research funding and bring treatments to people with spinal cord injuries.



Rutgers' federally funded research expenditures fuel the economy, exceeding all other New Jersey colleges and universities combined. Our largest federal funding source is the National Institutes of Health.

## 1,600 Patents

- 1,600 active U.S. and foreign patents and patent applications
- One of the "Top 100 Worldwide Universities Granted U.S. Patents" (National Academy of Inventors)
- 100-plus spinoff companies





# Top 25

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

# 300

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



# 350 clinical trials

Rutgers supports nearly 350 clinical trials at any given time, engaging thousands of patients and hundreds of researchers.

## Only at Rutgers

- **Rutgers Cancer Institute of New Jersey** is the only National Cancer Institute-designated Comprehensive Cancer Center in New Jersey, a mark of the highest distinction. Only 41 American cancer centers merit the designation, granted competitively to institutions with scientific excellence and the ability to bring research discoveries to patients.

- The **Protein Data Bank** is the only global repository for three-dimensional protein structures. Scientists around the world use the free, online library to study and share molecular information as they hunt for new medical and drug therapies.

- Rutgers New Jersey Medical School **Global Tuberculosis Institute** is the Centers for Disease Control and Prevention's TB Regional Training and Medical Consultation Center for the Northeast, one of only five centers in the nation to merit the designation. Now in its 20th year, the institute is renowned for its work in the United States and across the globe.

- The Rutgers Scarlet Knight undersea glider—now housed at a National Oceanic and Atmospheric Administration (NOAA) museum—was the **first robotic**



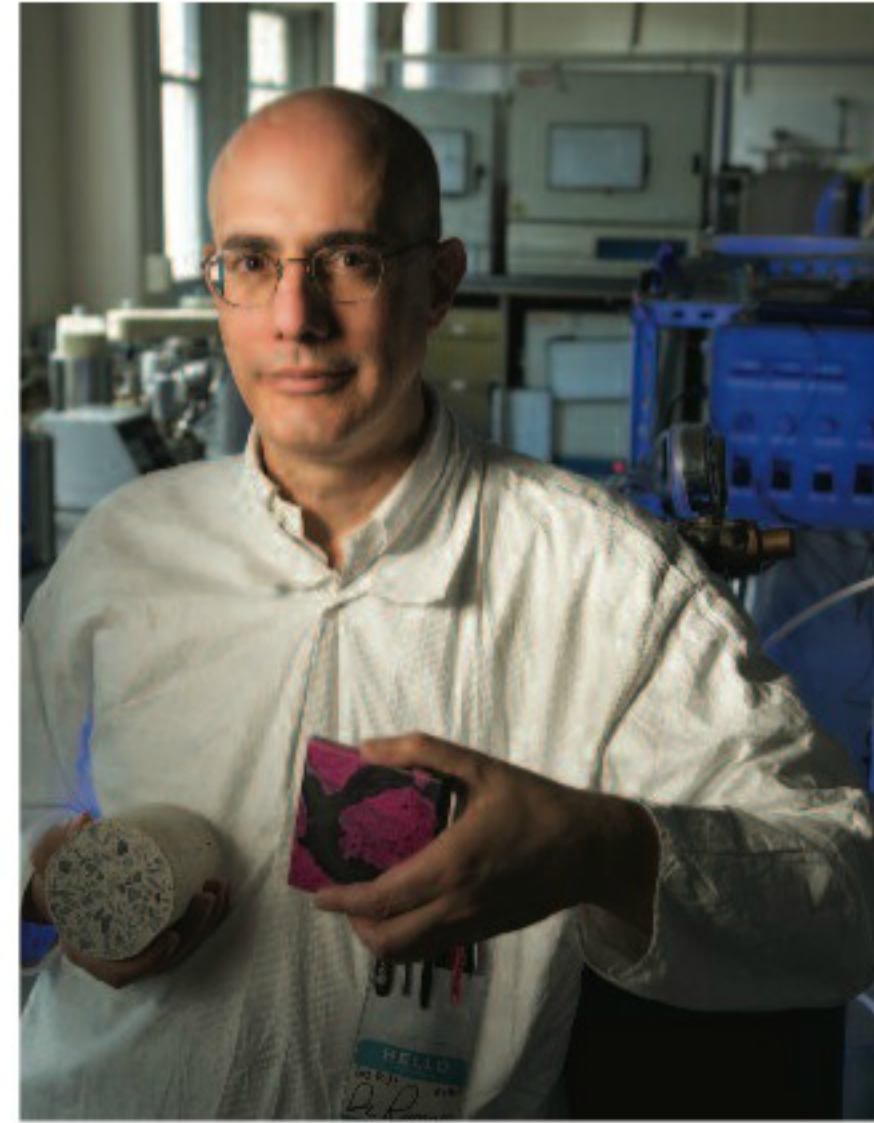
- glider to cross the Atlantic, proving the hardiness of sensor-laden devices that collect previously unobtainable oceanic data. Now Rutgers has accepted a NOAA challenge to send a fleet of gliders around the world.

- "A New Type of War"—published by the School of Law-Newark's student-run *Rutgers Law Review*—is an **online monograph of logs, audiotapes, transcripts, and radar data of the flights of 9/11**. In its first few days of publication, following front-page *New York Times* coverage, the site logged 7 million visits from 173 different countries.

- The Department of Childhood Studies at Rutgers University-Camden offers the **nation's first Ph.D. in childhood studies**. Childhood studies is transforming research and scholarship on children in the same way that women's studies and African-American studies transformed the study of gender and race during the late 20th century.



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



The R&D 100 Awards “recognize the 100 most technologically significant products introduced into the marketplace over the past year ... Since 1963, the awards have identified revolutionary technologies.”

—R&D Magazine. Two Rutgers-based technologies made R&D Magazine's 2013 R&D 100 list. Engineer Richard Rimán, above, developed a process that dramatically reduces carbon dioxide emissions in cement and concrete production. Manish Parashar and his team developed big data technology for extreme scale computing in areas such as combustion, fusion, gas exploration, and material science.

# Our Health Care

Rutgers Biomedical and Health Sciences (RBHS) is New Jersey's leader in academic health care. RBHS features medical, dental, nursing, pharmacy, and other schools and top faculty practices and research centers.



Inspired to excel by mentors he met as a Rutgers undergraduate, Rutgers Robert Wood Johnson Medical School student Wylie Lopez now mentors others. As president of the student group Salud, he encourages Latino high schoolers to consider careers in medicine. A role model who pursues excellence, Lopez recently completed a prestigious Summer Research Training Program in orthopedic oncology at Massachusetts General Hospital.

# 1.7 million



We log 1.7 million patient visits annually at our faculty practices and clinics.

# Top 25

Undergraduate institutions supplying 200 or more applicants to medical schools



# 400 smiles

The Rutgers School of Dental Medicine—New Jersey's only dental school—is New Jersey's flagship site for the national Give Kids A Smile! program. The school sees about 400 children each year, making New Jersey's program the second largest in the country, topped only by California.

## AMA Leader

Rutgers New Jersey Medical School alumna LeAnne Roberts was chair of the American Medical Association's 48,000-member Medical Student Section from June 2012 to June 2013 and today serves on its Governing Council.



# \$141 million

That's how much National Institutes of Health (NIH) funding Rutgers received in 2013, more than triple the amount of all other New Jersey NIH-funded recipients combined.

## Diversity in Health Care Education

- #5 in the nation in supplying 15 or more African-American applicants to U.S. medical schools annually
- Exceeding the Association of American Medical Colleges' 90th percentile for underrepresented minority enrollment, Rutgers New Jersey Medical School has one of the nation's most ethnically diverse student bodies.