Agenda

Update on New Brunswick Administration
Student Highlights
Research & Faculty Excellence
Fostering the Student Experience
New Brunswick Campus Initiatives
Rutgers – New Brunswick
Our Threefold Mission

- Providing for the **educational** needs of New Jersey through our undergraduate, graduate, and continuing education programs.

- Conducting cutting-edge **research** that contributes to the health, environmental, social, and cultural well-being of the State, nation, and world, as well as strengthening the economy and supporting businesses and industries.

- Performing public **service** in response to the needs of the people of the State and their local, county, and State governments.
Chancellor’s Cabinet

Romayne Botti
Vice Chancellor for Finance

Lavinia Boxill
Vice Chancellor for Advancement

Enobong (Anna) Branch
Vice Chancellor for Diversity, Inclusion, and Community Engagement

Jennifer Hollingshead
Vice Chancellor for Marketing and Communications

Courtney McAnuff
Vice Chancellor for Enrollment Management

Felicia McGinty
Executive Vice Chancellor of Administration and Planning

Salvador B. Mena
Vice Chancellor for Student Affairs

Prabhas Moghe
Provost and Executive Vice Chancellor for Research and Academic Affairs
Academic and Faculty Excellence

- Recognize faculty accomplishments
- Recruit, retain and promote high caliber faculty
- Enhance faculty mentoring and development
- Develop an innovation campus to elevate student experiential opportunities
- Develop institutional changes for enhanced diversity and inclusion

Research & Innovation

- Ideate new research initiatives and support advanced research centers
- Encourage bold and disruptive research to meet grand challenges
- Develop strategic research partnerships with industry and other institutions
- Advance undergraduate research and pre- and post-doctoral training programs
- Design research test-beds for an innovation campus
New Brunswick Deans

Gerald Beegan
Interim Dean
Mason Gross School of the Arts

Wanda J. Blanchett
Dean
Graduate School of Education

Francine Conway
Dean
Graduate School of Applied and Professional Psychology

Adrienne Eaton
Dean
School of Management and Labor Relations

Thomas N. Farris
Dean
School of Engineering

Robert M. Goodman
Executive Dean
School of Environmental and Biological Sciences

Jerome J. Kukor
Dean
School of Graduate Studies

Lei Lei
Dean
Rutgers Business School–Newark and New Brunswick

Jacquelyn Litt
Dean
Douglass Residential College

Peter March
Executive Dean
School of Arts and Sciences

Matt Matsuda
Academic Dean
Honors College

Cathryn C. Potter
Dean
School of Social Work

Jonathan Potter
Dean
School of Communication and Information

Vonu Thakuriah
Dean
Edward J. Bloustein School of Planning and Public Policy
Agenda

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Student Highlights

Research & Faculty Excellence

Fostering the Student Experience

New Brunswick Campus Initiatives
Enrollment Update
2019 Highlights

- Enrolled largest and most academically accomplished class in RU-NB history
- Enrolled record number of out-of-state and international students
- Enrolled a diverse and accomplished transfer class
- Maintained highest number of underrepresented minority, first-generation, and Pell-recipient student body among peers

First-year Enrollment Total: 7310
Average SAT Score: 1318
Out-of-State and International First-Year Students: 21%
First-Year Athletes Recruited: 162
Students in Top 30% of Their High School: 78%
Enrollment Update

Ongoing Work

- Earmarking more scholarship and need-based aid
- Increasing engagement with community organizations
- Enhancing communication and outreach to out-of-state students and parents of admits
- Alumni training to engage underrepresented minorities
Student Highlights
Big Ten Voter Challenge

Rutgers Awarded
“Most Improved Student Voter Turnout”

31% increase in turnout between 2014 (12 percent) and 2018 (43 percent)
Student Highlights
Dance Marathon

Raised more than $9M to date  #RUDM2020 on April 3-4
Diego A. Atehortúa

Graduate of the School of Arts and Sciences; Art History Major

Rutgers University’s first ever Marshall Scholar

- As one of 50 students selected for this prestigious honor for 2020, Atehortúa will pursue an advanced degree in the UK.

- He will pursue a Master of Philosophy in Latin American studies at Cambridge and a Master of Arts in social anthropology at the University of Manchester.
**Student Honors**

<table>
<thead>
<tr>
<th>Fulbright Fellows (2018-2019)</th>
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<tbody>
<tr>
<td>Elizabeth Baran, Colombia</td>
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<tr>
<td>Shelby McMullan, Germany</td>
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<tr>
<td>Massimo Guglietta, Slovak Republic</td>
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<tr>
<td>Elise Zhou, South Korea</td>
</tr>
<tr>
<td>Sarah Regn, Taiwan</td>
</tr>
<tr>
<td>Sarah Lin, Taiwan</td>
</tr>
<tr>
<td>Hope McCraw, Taiwan</td>
</tr>
<tr>
<td>Emily Chen, Taiwan</td>
</tr>
<tr>
<td>Colin Chehanske, Taiwan</td>
</tr>
<tr>
<td>Keana Mirmajlesi, Bulgaria</td>
</tr>
<tr>
<td>Charles Rabolli, Italy</td>
</tr>
<tr>
<td>Delfina Picchio, Spain</td>
</tr>
<tr>
<td>Ashley So, United Kingdom</td>
</tr>
<tr>
<td>Alexander Lopez-Perez, Indonesia</td>
</tr>
<tr>
<td>Anna Alves, Philippines</td>
</tr>
<tr>
<td>Megan Kenny, Ecuador</td>
</tr>
<tr>
<td>Christopher Markosian, Armenia, Diego Atehortua, Brazil</td>
</tr>
<tr>
<td>Jennyfer Javier, Brazil</td>
</tr>
<tr>
<td>Michelle Arias, Brazil</td>
</tr>
<tr>
<td>Cecilia Salazar, Mexico</td>
</tr>
<tr>
<td>Sarah Schrading, Mexico</td>
</tr>
<tr>
<td>Tenaya Clark, Germany</td>
</tr>
</tbody>
</table>

Rutgers University ranked 9th among Top-Producing Fulbright Research Institutions
<table>
<thead>
<tr>
<th>Other Notable Student Awards</th>
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</thead>
<tbody>
<tr>
<td><strong>Goldwater Scholars</strong></td>
<td>Brandon Gomes, Physics and Mathematics</td>
</tr>
<tr>
<td></td>
<td>Mariya Galochkina, Geology and Physics</td>
</tr>
<tr>
<td></td>
<td>Rikab Gambhir, Mechanical Engineering and Physics</td>
</tr>
<tr>
<td><strong>Gates Cambridge Scholar</strong></td>
<td>Sridhar Sriram, MPhil in Technology Policy</td>
</tr>
<tr>
<td><strong>Truman Scholar</strong></td>
<td>Aasha Shaik, Political Science and Middle Eastern Studies</td>
</tr>
<tr>
<td><strong>Public Policy and International Affairs Fellow</strong></td>
<td>Aasha Shaik, Political Science and Middle Eastern Studies</td>
</tr>
<tr>
<td><strong>Boren Scholar</strong></td>
<td>Mikaela Peters, Business Analytics and Information Technology and Russian, Kyrgyzstan</td>
</tr>
<tr>
<td><strong>Princeton in Asia Fellow</strong></td>
<td>Samuel Snyder, Public Health, Thailand</td>
</tr>
</tbody>
</table>
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Research & Faculty Excellence
Fostering the Student Experience
New Brunswick Campus Initiatives
### New Brunswick Research Portfolio Grant Awards

#### Awards in Millions of Dollars 2018-2019

- **FY2018**: 1,815
- **FY2019**: 1,841

- **16% increase**

#### 2019 – Fund Source Type

- **Federal**: 56%
- **State of New Jersey**: 22%
- **Corporations**: 6%
- **Other State, Local and Foreign Governments**: 1%
- **Institutions of Higher Education**: 7%
- **Foundations, Associations and Other**: 7%
- **Internal**: <1%
- **County Local and Other New Jersey Agencies**: 1%

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Number</th>
<th>Total Amount</th>
</tr>
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<tbody>
<tr>
<td>FY2018</td>
<td>1,815</td>
<td>$256.7 M</td>
</tr>
<tr>
<td>FY2019</td>
<td>1,841</td>
<td>$307.1 M</td>
</tr>
</tbody>
</table>
Higher Education Research & Development (HERD) FY 2018 Expenditures for Rutgers AAU

$706.3 M

a 3.6% increase from FY2017

Ranked:

- 17th among public universities
- 34th overall

SOURCE: National Center for Science and Engineering Statistics, National Science Foundation, Higher Education Research and Development Survey
Rankings

Ranked 73rd among the Top 100 World’s Most Innovative Universities (2019)

Ranked 37th among the Top 100 Worldwide Universities Granted U.S. Utility Patents (2018)
Faculty Excellence

2019 National Science Foundation Early CAREER Awards

Mehdi Javanmard
Assistant Professor
Electrical and Computer Engineering

Nicole Farhenfeld
Assistant Professor
Civil and Environmental Engineering

Shishir Chundawat
Assistant Professor
Chemical and Biochemical Engineering

David Margolis
Assistant Professor
Cell Biology and Neuroscience

Jingjin Yu
Assistant Professor
Computer Science

Abdelsam Boularias
Assistant Professor
Computer Science
Masayori Inouye  
*Distinguished Professor*  
Department of Molecular Biology and Biochemistry

Gabriel Kotliar  
*Board of Governors Professor*  
Department of Physics and Astronomy

David Vanderbilt  
*Board of Governors Professor*  
Department of Physics and Astronomy

Thomas Leustek  
*Associate Dean and Professor*  
Department of Plant Biology
Victoria Abraira
Assistant Professor, Cell Biology and Neuroscience

2019 Pew Scholar
in the Biomedical Sciences

- Fourth Pew Scholar at Rutgers
- First woman scientist from Rutgers to receive this honor
2018 Frederick Douglass Book Prize recipient for her book, “Never Caught: The Washingtons’ Relentless Pursuit of Their Runaway Slave, Ona Judge”
2019 Recipient of the National Science Foundation Presidential Early Career Award for Scientists and Engineers (PECASE)

Saman Zonouz
Associate Professor, Electrical and Computer Engineering
Professor Gross was one of three NASA scientists to open an untouched rock and soil sample from the Moon.

The sample was retrieved during Apollo 17, marking the first time in more than 40 years a pristine sample of rock and regolith from the Apollo era has been opened.

The opening took place November 5, 2019 at NASA’s Johnson Space Center in Houston.
Agenda

Update on New Brunswick Administration

Student Highlights

Research & Faculty Excellence

Fostering the Student Experience

New Brunswick Campus Initiatives
Career Exploration and Success
A philosophical shift from previous division of Undergraduate Academic Affairs

68% Undergraduate and 36% of graduate students activated Rutgers Handshake accounts

32,844 Job + internship opportunities posted by employers

189 Employers have interviewed through Rutgers Interview Program
Job and Internship Posting Data

+294%
FY15 – FY19

*As of Dec. 1, 2019

<table>
<thead>
<tr>
<th>Year</th>
<th>All Positions (e.g., part-time, volunteer, etc.)</th>
<th>Full-time Positions</th>
<th>Internship Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-15</td>
<td>13,944</td>
<td>7,845</td>
<td>3,931</td>
</tr>
<tr>
<td>2015-16</td>
<td>20,631</td>
<td>11,596</td>
<td>5,598</td>
</tr>
<tr>
<td>2016-17</td>
<td>20,305</td>
<td>11,130</td>
<td>5,686</td>
</tr>
<tr>
<td>2017-18</td>
<td>27,259</td>
<td>17,064</td>
<td>6,444</td>
</tr>
<tr>
<td>2018-19</td>
<td>54,943</td>
<td>36,766</td>
<td>13,064</td>
</tr>
<tr>
<td>2019-20</td>
<td>38,276</td>
<td>25,493</td>
<td>8,789</td>
</tr>
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</table>
As one of the nation’s most diverse universities, Rutgers draws strength from the rich variety of perspectives and life experiences in our community. Our core values, drawn from the 2017 report of the Taskforce on Inclusion and Community illustrate how the Rutgers – New Brunswick community aims to interact with its values as ideals and action-oriented goals:

*Work towards** Inclusion and respect Difference
*Provide** Opportunity and ensure Access
*Value** Innovation and promote Leadership
*Foster** Global Reach and honor Humanity
Advancing Our Inclusive Culture

• Created the new Division of Diversity, Inclusion, and Community Engagement (DICE).

• Charged with:
  • Addressing recruitment and retention challenges to faculty diversity.
  • Supporting diversity education and outreach to faculty and staff.
  • Enabling campus engagement to support achievement of our action-oriented goals.
  • Fostering a vibrant, inclusive campus culture through networking and community building events that support the recruitment and retention of faculty and staff of color.

• Launched a new diversity website to showcase campus investments in fostering an inclusive community. Visit diversity.rutgers.edu.
Strategies and Tactics for Recruiting to Improve Diversity and Excellence
Faculty Recruitment Workshop
Robeson Centennial

- This fall, Jewish Studies, Women and Gender Studies, SAS, and MGSA all offered programs that connected to Robeson’s legacy
- Big Ten spot increased impact, reach and exposure
- Collaborating with the Middlesex County Curriculum Council to integrate Robeson into the curriculum to achieve the outcomes of the Amistad Act
New location on George Street will provide:

- Increased visibility
- Closer access to students
- Reaffirmed commitment to student journalism
Food Insecurity

Challenge
Significant number of students face food insecurity

Opportunity
Rutgers has student farms and dining halls to leverage

Progress To Date
• “No Hungry Knights”
• 2019: Produce Tuesday began, Free lunch events, Chancellor’s Task Force on Student Essential Needs commissioned
• 2020: Meal Plan Scholarship Program, Expansion of Rutgers Student Garden
Athletics Highlights

100 Student Athletes named to the Big Ten Fall 2019 Academic All-Big Ten Team

87 Student Athletes recognized as Big Ten Distinguished Scholars Minimum GPA of 3.7

20 Student Athletes with Perfect 4.0 GPAs

150 Years of College Football at Rutgers
Big Ten Academic Alliance

Academic
- Uborrow - 90M books available to Big Ten libraries
- CourseShare - 172 languages offered
- Summer Research Opportunities

Leadership
- The Academic Leadership Program Department
- Executive Officers Seminar
- Deans Leadership Program

Research
- Big Ten Cancer Research Consortium
  - Cares for 50,000+ patients
- Big Ten/Ivy League Traumatic Brain Injury Initiative
  - 22 institutional members
- Big Ten Academic Alliance Summit Series on Advancing Women in STEM
### Responding to Student Feedback on Scheduling

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
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<tr>
<td>1st Year</td>
<td>19%</td>
</tr>
<tr>
<td>2nd Year</td>
<td>29%</td>
</tr>
<tr>
<td>3rd Year</td>
<td>33%</td>
</tr>
<tr>
<td>4th Year</td>
<td>30%</td>
</tr>
<tr>
<td>Graduate</td>
<td>18%</td>
</tr>
</tbody>
</table>

### Time-To-Degree:

Have you ever been unable to take a class because of a tight class change schedule? Is the inability to take this class likely to delay your expected graduation?*

*From Rutgers 2030 student survey
New course scheduling system designed to:

- **Reduce** curricular bottlenecks + student course **conflicts**
- **Decrease** time to degree
- **Decrease** unnecessary course-related student travel
- **Facilitate** course "right-sizing" to reduce the number of closed sections
- **Manage** school and university **enrollments**
- **Enable** improved **classroom planning** and renovation
Course Scheduling

Implementation began in Fall 2017

4 Simulations in 4 successive semesters

40+ Training Sessions for department schedulers

1,600+ Faculty and Instructors used custom-built web app
Classroom Planning and Renovation

We are committed to continually improving our teaching and learning spaces.

300 General purpose classrooms on the Rutgers–New Brunswick campuses

Institutional Planning and Operations (IP&O) is currently investigating renovations to both Scott Hall and the River Dorm classrooms.
One Stop Student Services Center

Current State

• Our new customer service model is revolutionizing the student experience
• Before even breaking ground on the renovation of their facility, this new team has already made significant change for students in the areas of financial aid, student accounting, and registration – both in person and virtually

Future State

Student Services Facility to open Fall 2021 on Busch Campus to support students in one location

Introduce new services:
• Parent/guest portal
• University-wide One Stop website
• Queuing and case-management
• Improved service with call center
New facility opening Summer 2021
Building A World-Class Infrastructure at Rutgers

2018

Chemistry Building

Richard Weeks Hall of Engineering
Building A World-Class Infrastructure at Rutgers

2019

Waksman Institute Addition

Performing Arts Center
Building A World-Class Infrastructure at Rutgers

2019-2021

RWJBarnabas Health Athletic Performance Center

Gary And Barbara Rodkin Academic Success Center
Innovation Hub in New Brunswick
One of Governor’s envisioned signature projects

- The State, City, and Rutgers share a vision of New Brunswick as driver for the New Jersey innovation economy

- Rutgers working to design collaborative research incubation space in downtown New Brunswick
Agenda

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Office of Research and Innovation
A Unit of the Office of the Provost and Executive Vice Chancellor for Research and Academic Affairs

Mission
- Create a collaborative research culture across disciplines and schools
- Build capacity in emerging areas of inquiry
- Strengthen funding submissions through strategic proposal development

Core Resources
- Research Ideation Workshops
- Large-Scale Proposal Development
- RU-NB LSO Coordination
- Team Proposal Development Grants
- Nominations and Support for Faculty Fellowships
- Membership to the National Center for Faculty Development and Diversity

Outcomes
2018 to date
- More than $750K in seed grants to interdisciplinary teams and working groups
- 300+ participants at Research Ideation Forums and Pop-Up Workshops
- Large-scale proposal development support to submissions totaling $220M+
Rutgers New Brunswick will pilot a new Initiative on INNOVATION & ENTREPRENEURSHIP

IDEA
Innovation, Design, and Entrepreneurship Academy

- Real World Problem Solving
  - Innovative Mindset
  - Collaboration Across Disciplines
- Mentorship and Advising
  - Peer, Faculty, Industry, and Alumni Connections
- Professional Opportunities
  - New Ventures
  - Leadership and Recognition
IDEA: Pathway to Entrepreneurship

Moving Forward

**Year 1**
Innovation Seminars
- Exploration of Interests
- Early Connections with Industry & Faculty experts

**Year 2**
Innovation Labs
- Multidisciplinary Teams
- Internships & Research

**Year 3**
Minimal Viable Product
- Venture Pitch & Value Proposition

**Year 4**
Launch
- Venture Development
- Start-up Launch
Enhancing Public Prominence
Campaign Overview

Goal
Enhance reputation of Rutgers-New Brunswick as a premier academic institution

Strategy
Utilize rankings to target influencers in key markets + provide resources to promote Rutgers to prospective students

Tactics
Employ digital + social media strategy enhanced by prominent billboard placements
<table>
<thead>
<tr>
<th>Rank</th>
<th>Ad Type</th>
<th>Impressions</th>
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<tbody>
<tr>
<td>850K</td>
<td>Landmark Billboard Ad</td>
<td></td>
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<tr>
<td>507,730</td>
<td>Social Media Ad</td>
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</tr>
<tr>
<td>4,109,439</td>
<td>Digital Ad</td>
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</tr>
</tbody>
</table>

*Current results – campaign still in progress.*
New website to come *April 2020*
The Road Ahead

Maintenance of current infrastructure vs. new construction

Funding student support

Faculty diversity

Alumni Engagement

Student Access
Thank You