



RUTGERS

UNIVERSITY | NEW BRUNSWICK

December 2019 / Campus Update

**Christopher J. Molloy, Ph.D.
Chancellor, Rutgers – New Brunswick**

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



Romaine 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

The Office of the Provost: Rutgers Reimagined

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

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Enrollment Update

2019 Highlights

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%**

- 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

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

Fulbright Fellows (2018-2019)

Elizabeth Baran, Colombia
Shelby McMullan, Germany
Massimo Guglietta, Slovak
Republic
Elise Zhou, South Korea
Sarah Regn, Taiwan
Sarah Lin, Taiwan
Hope McCraw, Taiwan
Emily Chen, Taiwan
Colin Chehanske, Taiwan
Keana Mirmajlesi, Bulgaria
Charles Rabolli, Italy
Delfina Picchio, Spain

Ashley So, United Kingdom
Alexander Lopez-Perez,
Indonesia
Anna Alves, Philippines
Megan Kenny, Ecuador
Christopher Markosian, Armenia,
Diego Atehortua, Brazil
Jennyfer Javier, Brazil
Michelle Arias, Brazil
Cecilia Salazar, Mexico
Sarah Schradling, Mexico
Tenaya Clark, Germany



Rutgers University
ranked 9th among
Top-Producing
Fulbright Research
Institutions

Student Honors

Other Notable Student Awards

Goldwater Scholars

Brandon Gomes, Physics and Mathematics
Mariya Galochkina, Geology and Physics
Rikab Gambhir, Mechanical Engineering and Physics

Gates Cambridge Scholar

Sridhar Sriram, MPhil in Technology Policy

Truman Scholar

Aasha Shaik, Political Science and Middle Eastern Studies

Public Policy and International Affairs Fellow

Aasha Shaik, Political Science and Middle Eastern Studies

Boren Scholar

Mikaela Peters, Business Analytics and Information
Technology and Russian, Kyrgyzstan

Princeton in Asia Fellow

Samuel Snyder, Public Health, Thailand

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Student Highlights

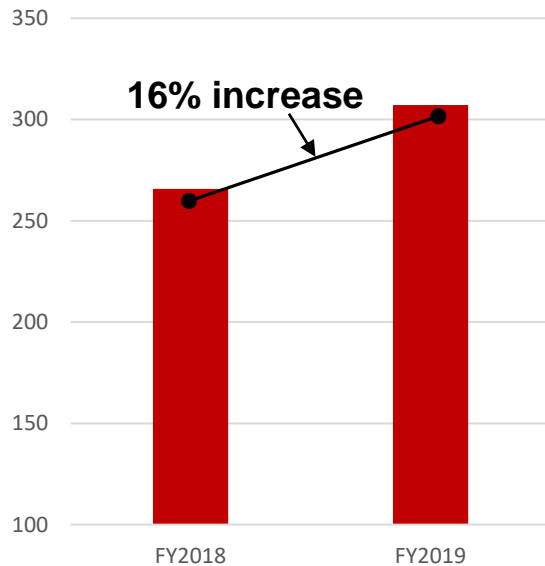
Research & Faculty Excellence

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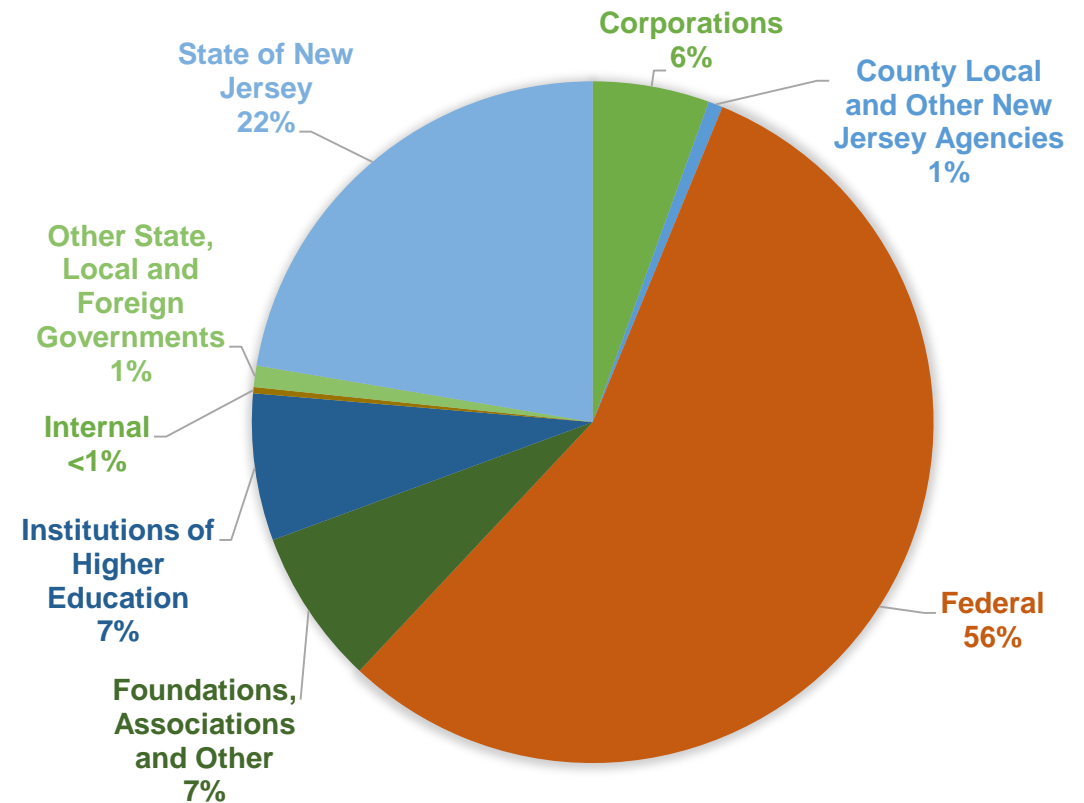
New Brunswick Research Portfolio Grant Awards

Awards in Millions of Dollars
2018-2019



	Total Number	Total Amount
FY2018	1,815	\$256.7 M
FY2019	1,841	\$307.1 M

2019 – Fund Source Type



New Brunswick + RBHS Research Portfolio

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

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 Highlights

Faculty Excellence



2019 National Science Foundation Early CAREER Awards



Mehdi Javanmard
Assistant Professor
Electrical and Computer Engineering



David Margolis
Assistant Professor
Cell Biology and Neuroscience

Nicole Farhenfeld
Assistant Professor
Civil and Environmental Engineering



Jingjin Yu
Assistant Professor
Computer Science



Shishir Chundawat
Assistant Professor
Chemical and Biochemical
Engineering



Abdelsam Boularias
Assistant Professor
Computer Science

National Academy of Sciences



Gabriel Kotliar

Board of Governors Professor
Department of Physics and
Astronomy



Masayori Inouye

Distinguished Professor
Department of Molecular Biology
and Biochemistry

American Academy of Arts & Sciences



David Vanderbilt

Board of Governors Professor
Department of Physics and
Astronomy

American Association for the Advancement of Science



Thomas Leustek

Associate Dean and Professor
Department of Plant Biology

Victoria Abaira

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*

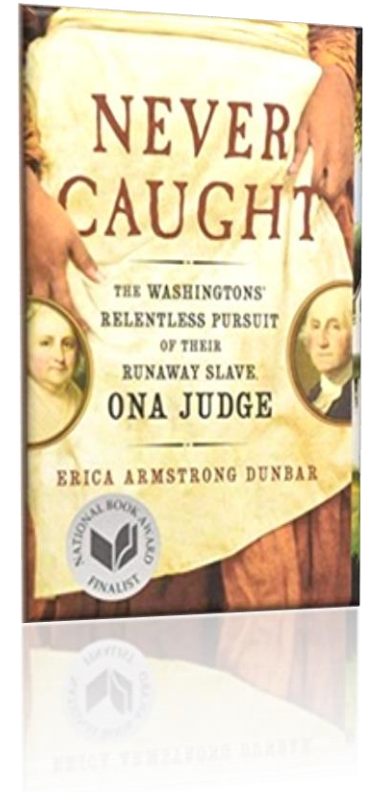


Erica Armstrong Dunbar

Charles and Mary Beard Professor of History



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



Juliane Gross

Associate Professor, Earth and Planetary Sciences



Pictured are from left, Andria Mosie, Charis Krysh and Juliane Gross | Photographer: James Blair



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.

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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



RUTGERS



Memorial Sloan Kettering
Cancer Center™



Deloitte.



**RWJBarnabas
HEALTH**

**TEACHFOR
AMERICA**

LOCKHEED MARTIN



Unilever

L'ORÉAL

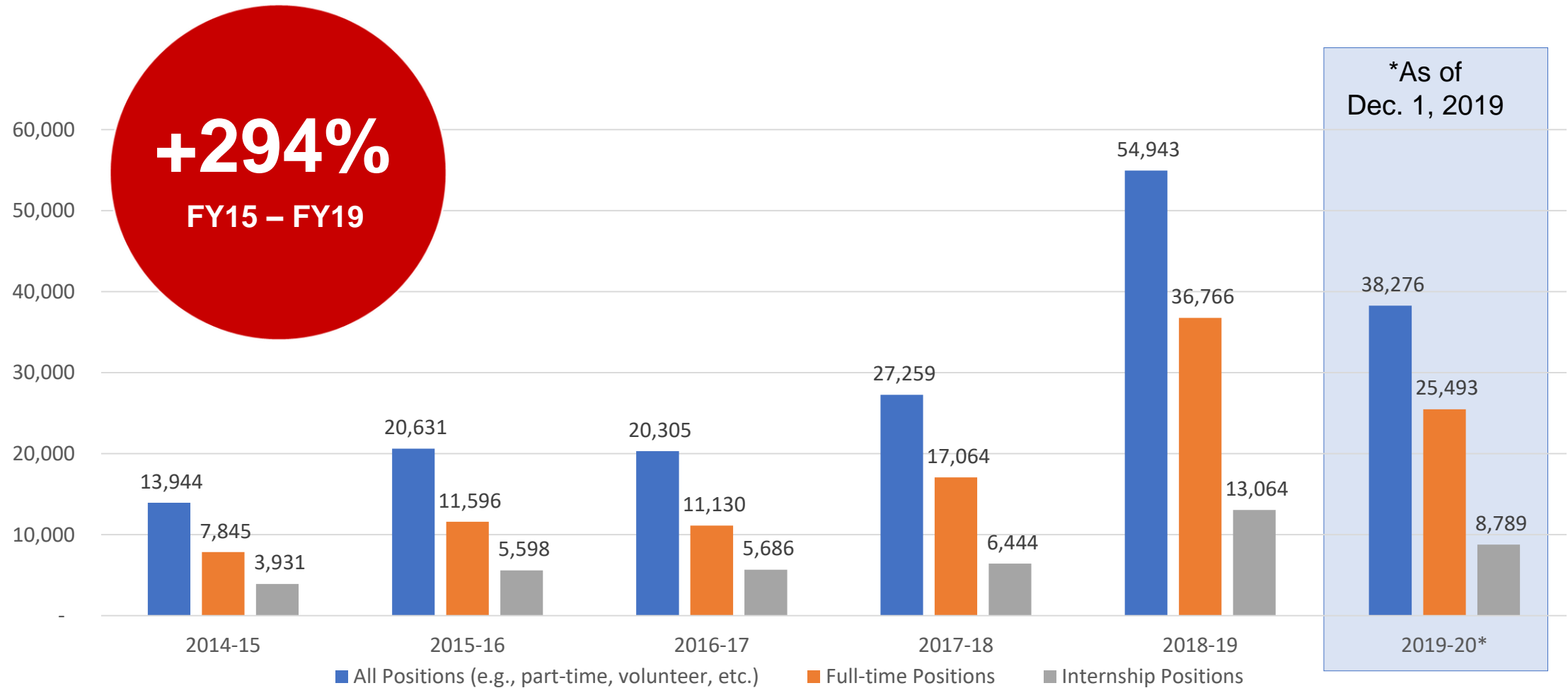


Prudential



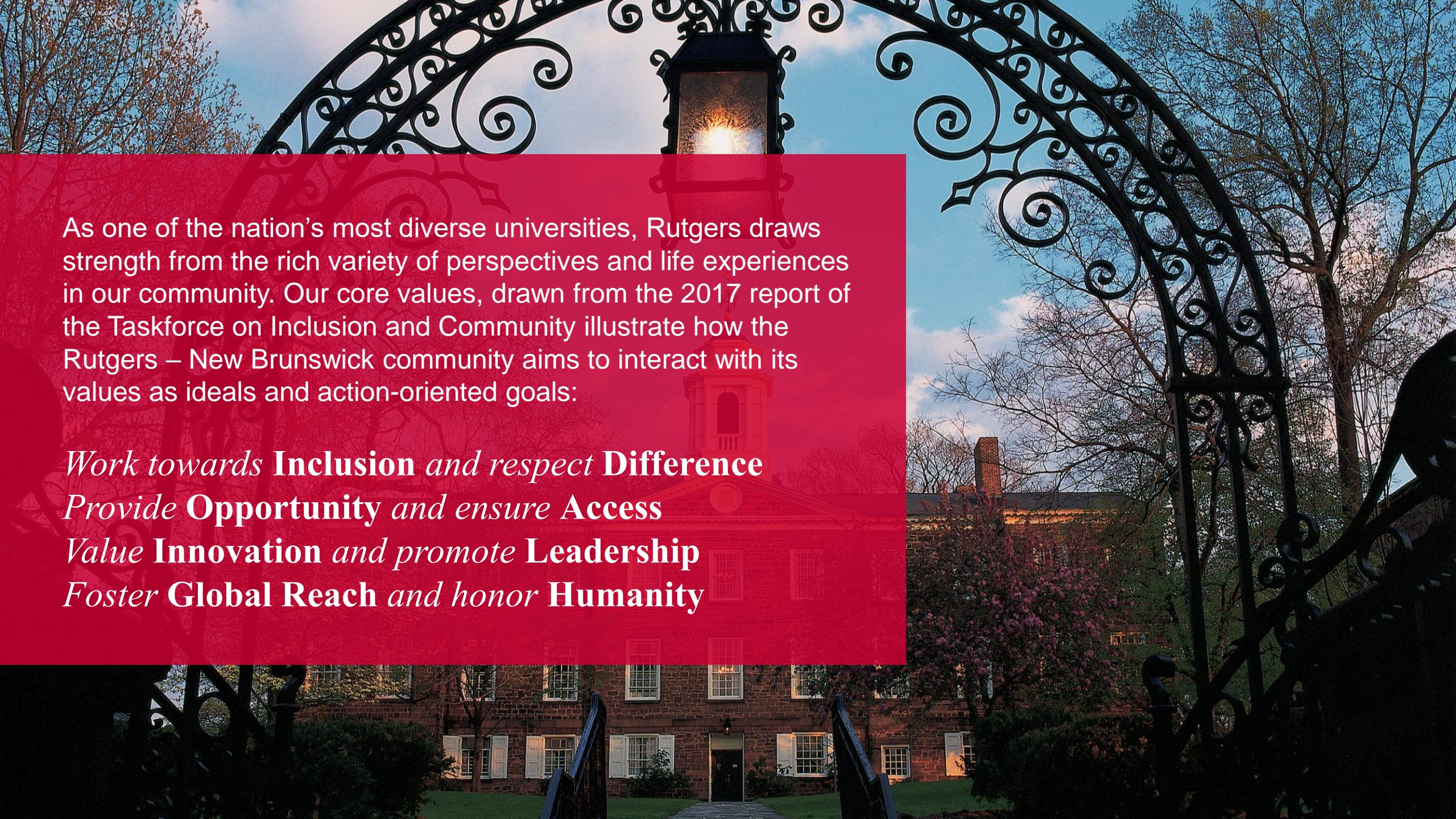
**Goldman
Sachs**

Job and Internship Posting Data





Beyond the Classroom



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.





ADVANCE PROGRAM
STRIDE COMMITTEE
UNIVERSITY OF MICHIGAN

RUTGERS®

Division of Diversity, Inclusion,
and Community Engagement

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

**PAUL LEROY
ROBESON**

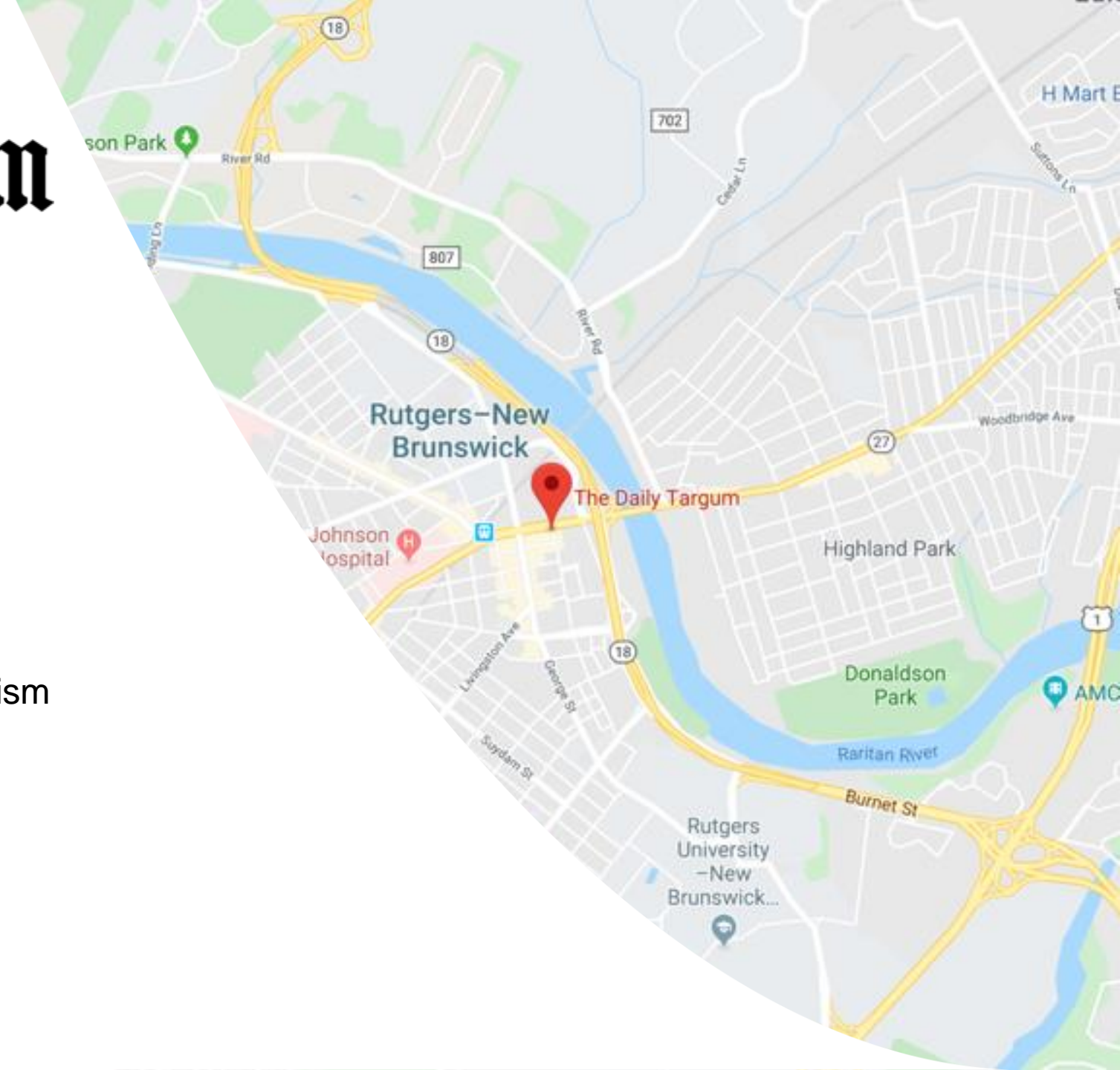


**CLASS OF 1919
CENTENNIAL**

The Daily Targum

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**



RUTGERS

Big Ten Academic Alliance

Academic

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

Leadership

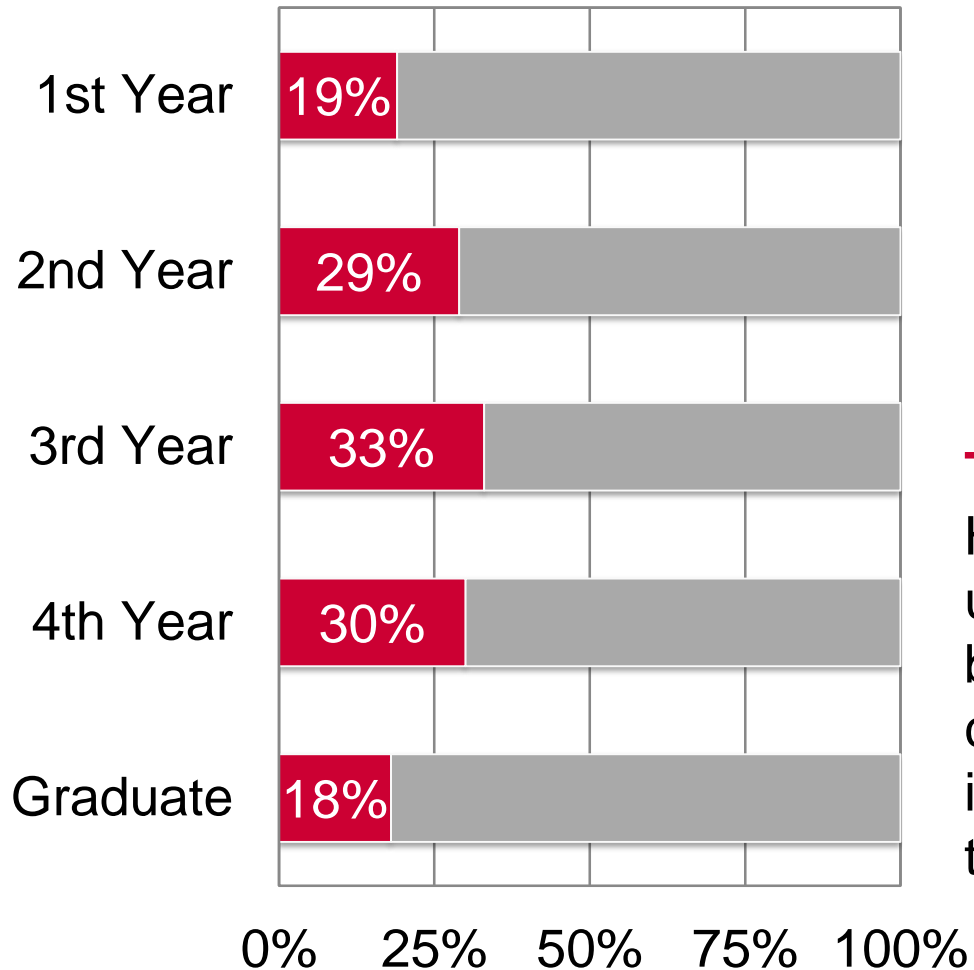
- The Academic Leadership Program Department
- Executive Officers Seminar
- Deans Leadership Program

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

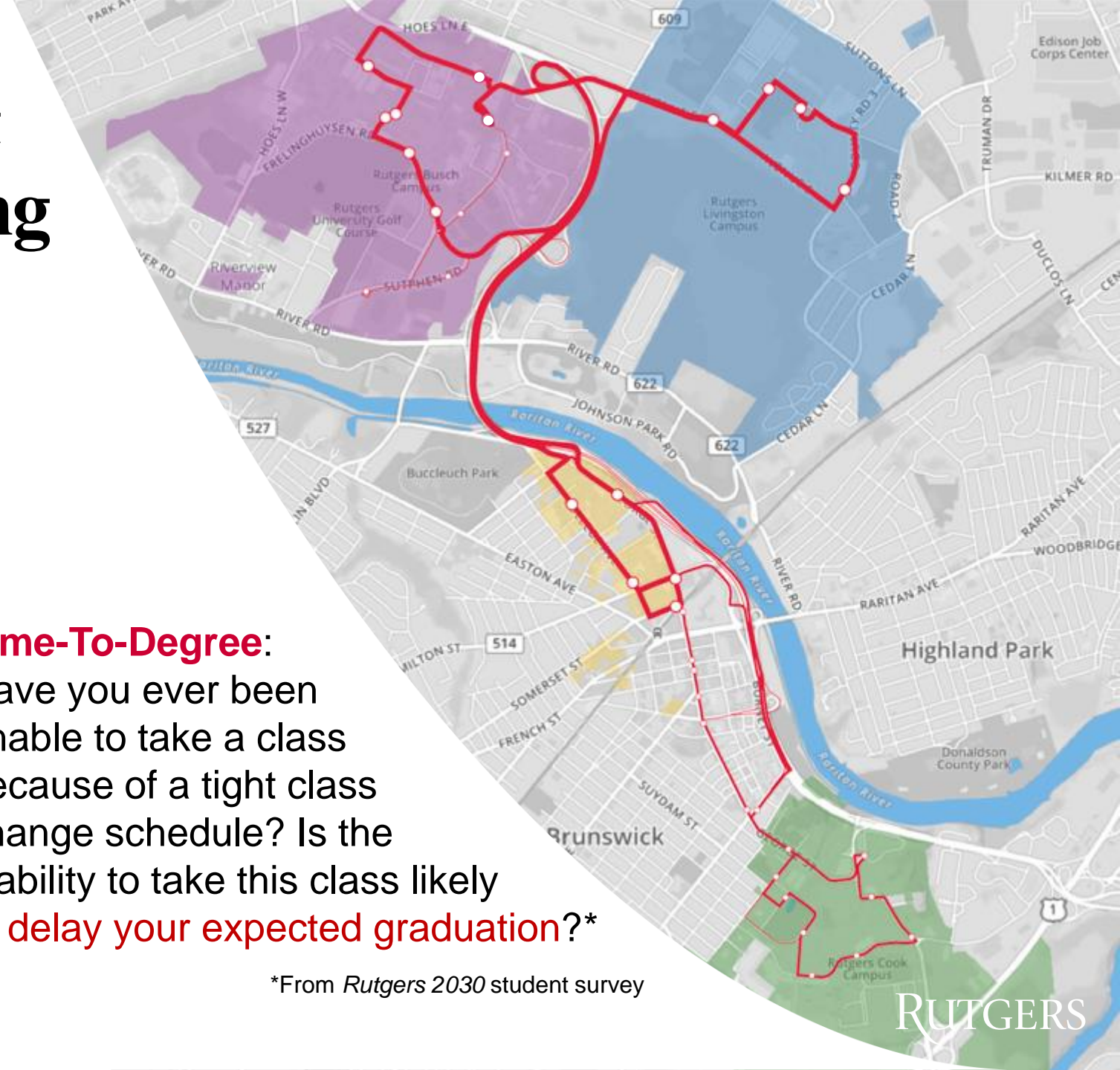


Responding to Student Feedback on Scheduling



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



Responding to Student Feedback on Scheduling

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



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SMART MANUFACTURING

PRESERVING OUR
MICROBIOME

SUSTAINABILITY

ENTREPRENEURSHIP

ASD RESEARCH, TRAINING
AND SERVICES

DESIGN



BIG IDEAS

RUTGERS UNIVERSITY

GENDER-BASED
INEQUALITY

STUDENT ACCESS

EMOTIONAL WELLNESS

MAXIMIZING NUTRITION

INNOVATION ACADEMY

GLOBAL MOBILITY

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



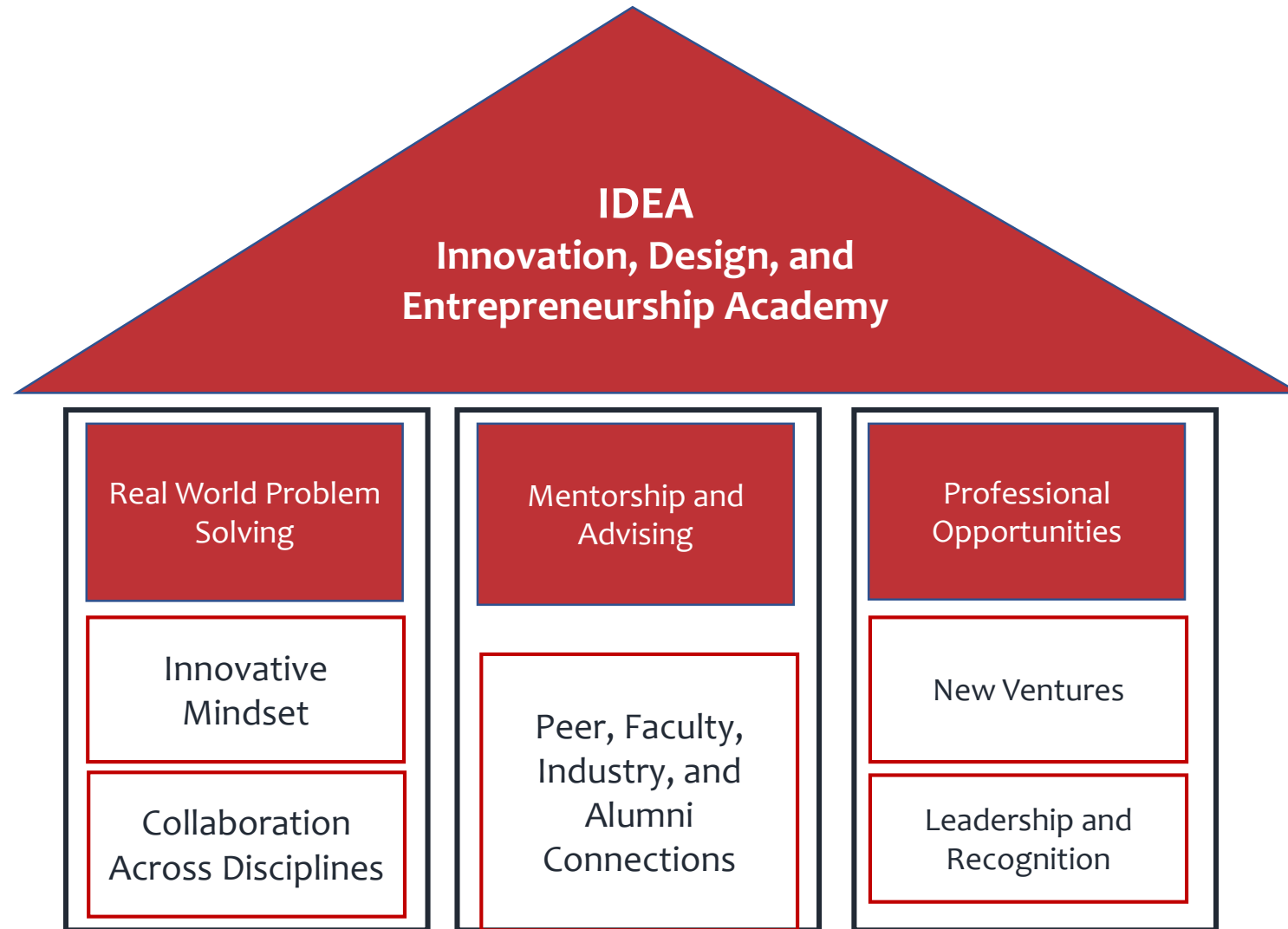
300+ participants at Research Ideation Forums and Pop-Up Workshops

More than **\$750K**

in seed grants to interdisciplinary teams and working groups

Large-scale proposal development support to submissions totaling **\$220M+**

Rutgers New Brunswick will pilot a new Initiative on INNOVATION & ENTREPRENEURSHIP



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

RUTGERS
UNIVERSITY | NEW BRUNSWICK

A TOP 25
PUBLIC UNIVERSITY IN THE
NATION

rankings.rutgers.edu

Enhancing Public Prominence

RUTGERS

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



Rankings Campaign

850K

Landmark Billboard Ad Impressions

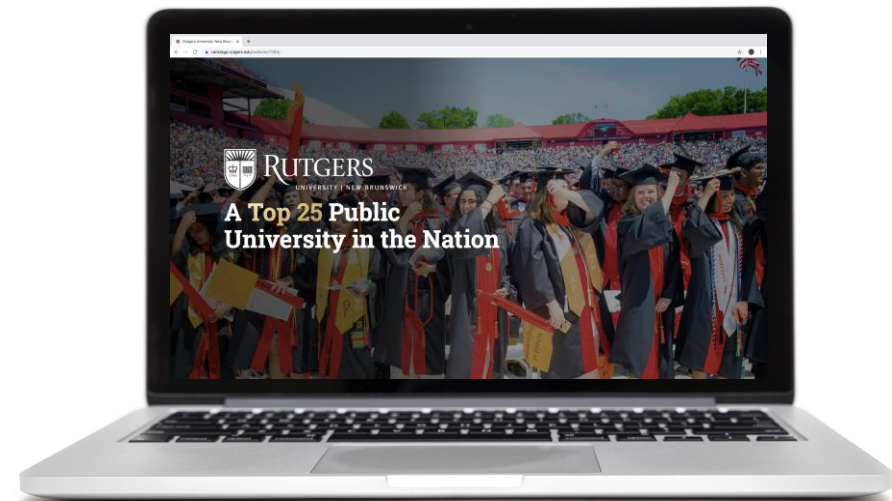
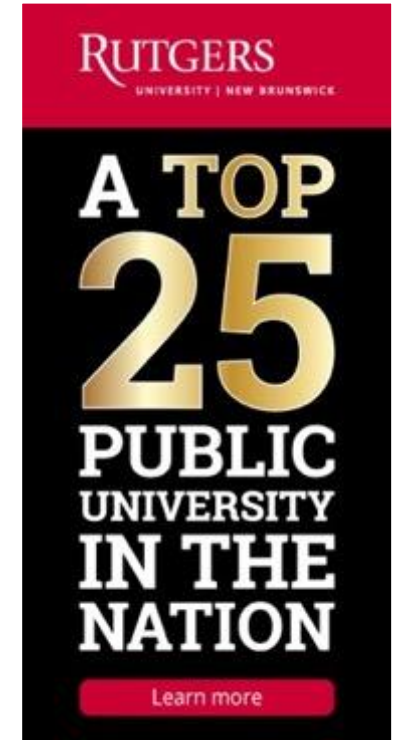
507,730

Social Media Ad Impressions

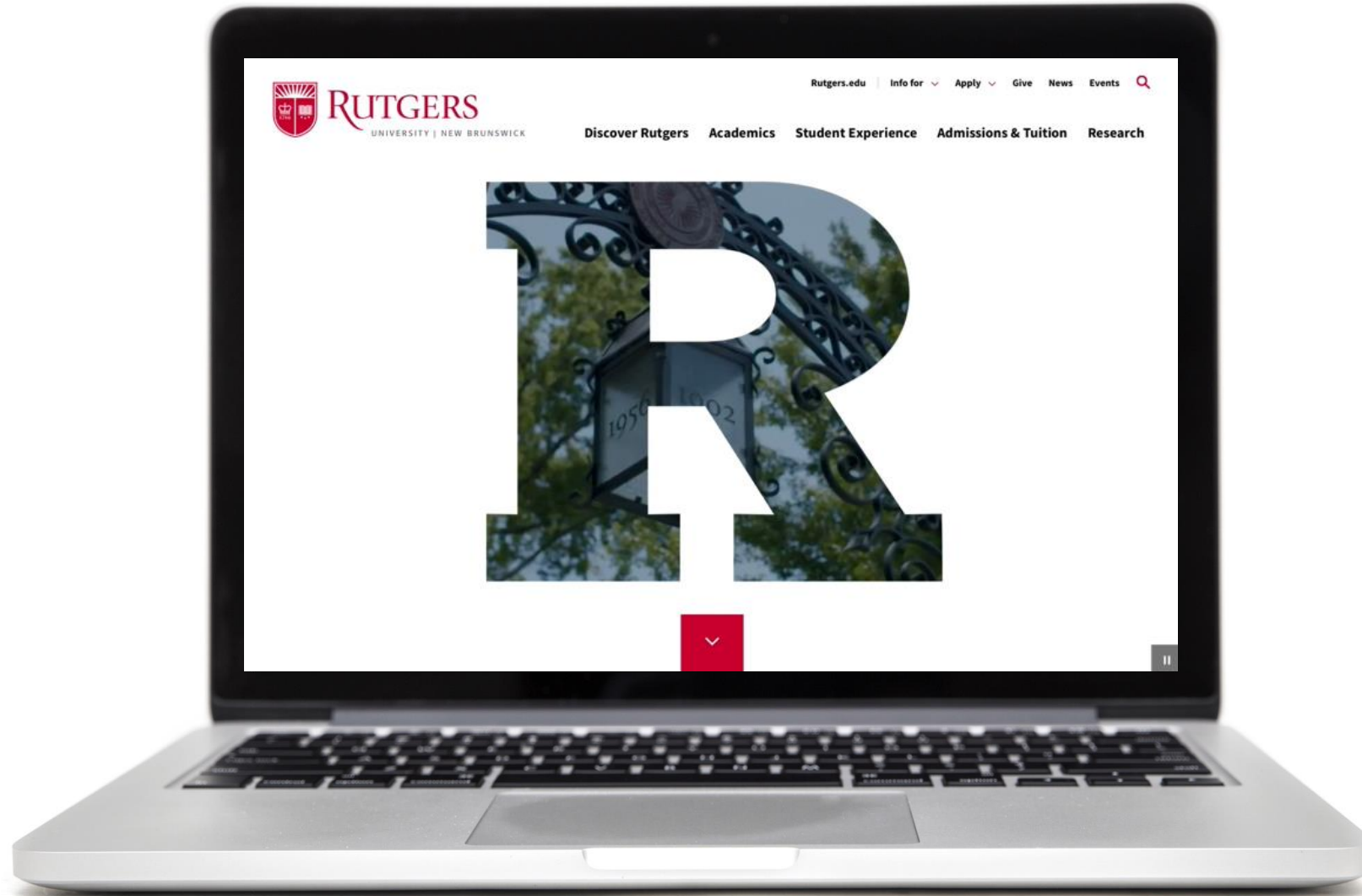
4,109,439

Digital Ad Impressions

*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

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