

HALLMARKS OF INNOVATIVE RESEARCH

HOW TO GET THERE

IMPERATIVES FOR INNOVATIVE RESEARCH

Inclusive, Interdisciplinary, Transformative Research

Multiple interdisciplinary, inclusive scholarly communities focused on grand challenges.

Resources and infrastructure support cross-campus research within Rutgers–New Brunswick, in partnership with other chancellor-led units universitywide.

Research Opportunities for Students, Faculty, and Staff

Resources, infrastructure, and communication promote a culture of faculty, student, and staff research that is innovative and inclusive.

Paradigm shift of facilities and research infrastructure to Research and Student Success Platforms.

Expanded Research Workforce

Strong efforts to recruit leading research talent.



[newbrunswick.rutgers.edu/
academic-master-plan](https://newbrunswick.rutgers.edu/academic-master-plan)



What if we increase the impact of Rutgers–New Brunswick research excellence, including the enhancement of interdisciplinary and community-engaged scholarship?

Toward the Common Good

Interdisciplinary, community-engaged, cutting-edge scholarship and industry partnerships serve the common good.

Innovative research opportunities focus on societal benefits.

Cross-campus research collaborations discover new knowledge and address grand challenges.

- ▶ Chancellor Challenge initiatives (e.g., Rutgers Climate and Energy Institute [RCEI], Cluster on Data Science and Artificial Intelligence [CDSAI]s)
- ▶ Provost Strategic Task Forces (e.g., Climate Change Initiative, Cyberinfrastructure and Data Science, Publicly/Community-Engaged Scholarship, Life Sciences Alliance, Behavioral Health and Health Equity)
- ▶ Research Ideation Forums
- ▶ Speed Networking
- ▶ Seed Funding Projects
- ▶ Research Dean Roundtables
- ▶ Research Development Academy



What if we enhance equitable representation of all communities in the research process?

Diverse Research Programs

The research process includes equitable representation and recognition of all communities.

Faculty represent a diversity of research approaches.

Publicly engaged research benefits communities and society.

- ▶ Publicly/community-engaged scholarship guidelines and evaluation metrics
- ▶ Cluster on Data Science and Artificial Intelligence (CDSAI)
- ▶ Research Development Academy
- ▶ Leadership development



What if we expand opportunities for student research?

Research-Engaged Students

Research internships and experiential learning opportunities are integrated into curricular and co-curricular student experiences that focus on the common good.

Research participation is broadened and available to all students.

- ▶ Rutgers Undergraduate Research Discovery Day
- ▶ Discovery Advantage recommendations: High-Impact Practices (HIPs)/High-Impact Experiential Learning opportunities (HIELs)
- ▶ Graduate student and postdoctoral research support
- ▶ Graduate Education and Student Support Initiative