A Message from the Office of the Vice Provost for Research

The Office of the Vice Provost for Research (OVPR) at Rutgers University–New Brunswick focuses on building interdisciplinary, inclusive intellectual communities. As an outgrowth of the Office of the Chancellor Academic Master Plan (AMP), the OVPR has numerous signature strategic initiatives that drive forward the university’s research enterprise (see Figure 1). Our mission is to serve as a strategic partner at Rutgers–New Brunswick, fostering, interdisciplinary collaborations, advocating for resources, supporting its cross-campus and Chancellor-led units’ research infrastructure development, providing advice, and planning for university-wide research initiatives and priorities (including its centers and institutes), and fostering communication to promote a culture of faculty, student, and staff research that is innovative and inclusive.

Meet the Leadership and Research Development Team

Denise Hien, PhD, ABPP
Vice Provost for Research

Jean Baum, PhD
Vice Provost for Life Sciences Research & Partnership

Sheila Borges Rajguru, PhD
Director, Research Development & Strategy

Melissa Schmidt, MS / MI
Program Development Specialist

Christopher Rios-Sueverkruebbe, PhD
Senior Program Coordinator

Andrea Hetling, PhD
Provost Leadership Research Fellow

Harini Sampath, PhD
Provost Leadership Research Fellow

Valerie Tutwiler, PhD
Provost Leadership Research Fellow

Aastha Gobind
Undergraduate SoE Student

Denise Hien, PhD, ABPP
Vice Provost for Research
NB Office of the Chancellor

Jean Baum, PhD
Vice Provost for Life Sciences Research and Partnerships
NB Office of the Chancellor
2022–2023 Achievements

FY 23 saw several OVPR achievements that contributed to the successful accomplishment of its mission for the Rutgers–New Brunswick campus community. The ongoing implementation of three Provost Strategic Taskforces—on Climate Change, Cyberinfrastructure and Data Science, and Publicly and Community-Engaged Scholarship—represents a yearslong effort by interdisciplinary stakeholders across the Rutgers system to enhance the research environment of the university; similarly, the development and planning of an inaugural Undergraduate Research Discovery Day embodies the active intellectual community building that drives the OVPR’s goals for student success. These achievements stand alongside the office’s formalization of policies to support the Chancellor-Reporting Centers and Institutes Guidelines, Best Practices for Hiring/Mentoring, a Cost Share Policy for campus units, Chancellor Challenge (previously called Chancellor-Provost Challenge), Chancellor Challenge Cluster Hire, and School-to-School joint appointments MOU. Looking ahead, the goals for FY 24 continue the OVPR’s development of the campus’s research community and infrastructure through several initiatives. These include implementing the Provost Strategic Task Forces on the Life Sciences Alliance and Behavioral Health and Health Equity, hosting Pilot Seed Funding research groups, organizing Research Dean Roundtables, leading the NIH Academy, and the launch of Chancellor-reporting institutes. These and the OVPR’s other programming will continue to raise Rutgers’s research footprint by highlighting the interdisciplinary, collaborative nature of our campus community’s research enterprise.

This report highlights the FY’23 achievements (Appendix A) and the goals for FY’24 (Appendix B).

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Figure 1: OVPR Strategic Initiatives, Goals, and Outcomes
OVPR FY 23 Snapshots

As part of the Academic Master Plan (AMP), the OVPR launched strategic initiatives with the goal of fostering innovative, interdisciplinary research. As Figure 2 illustrates the impact for all the RU-NB schools by engaging in events, roundtables, research ideation forums, leadership and mentorship professional development for faculty and staff, reviewing and awarding pilot seed funding, leading the inaugural launch for the Chancellor Challenge and Chancellor Cluster Hire communications, review, selection, and projects development stages, student success, provost strategic task forces, and more.

Figure 2: OVPR FY 23 Snapshots (see Appendix C for category definitions)
Strategic Initiatives

As part of the Academic Master Plan (AMP), the OVPR launched the following strategic initiatives with the goal to foster innovative, interdisciplinary research (see Appendix A, Timeline):

The AMP serves as the roadmap for Rutgers–New Brunswick’s future, clarifying strategies to accomplish the university’s academic mission in its pursuit to be a national leader among institutions of higher education that exemplify excellence in inclusive research, pedagogy, and service toward the common good.

AMP Pillar 2, Priority 1

I. Established Provost Strategic Task Forces (PST) (Appendix D)

One strategic initiative of the OVPR is the creation of Provost Strategic Task Forces that develop guidance that promotes both the building of intellectual communities across Rutgers–New Brunswick and other Chancellor-led units and the university’s broader research enterprise. These task forces, established around themes initiated by the Office of the Chancellor, work to develop strategic recommendations for the Chancellor’s Office in the form of a formal report of their activities, which include meeting with task force members, major stakeholders, community and industry partners, and relevant university entities.

The outcomes include supporting cross-disciplinary, transformative research initiatives, developing new academic programs and interdisciplinary majors and building partnerships internally and externally. This academic year we have worked on four PSTs: Climate Change and Energy Sustainability; Cyberinfrastructure, Data Science, and Artificial Intelligence; Publicly/Community Engaged Scholarship; Life Sciences Alliance; and Behavioral Health and Health Equity. Each are in different stages from development to implementation, as Figure 3 indicates:

Figure 3: Provost Strategic Task Forces Stages (as of June 30, 2023)

b. Cyberinfrastructure & Data Science (CI-DS): Consisted of two co-chairs, nine members, and eight major stakeholders. Members had twenty-five scheduled meetings between October and June. The task force invited internal and external speakers, benchmarked the Rutgers landscape and other institutions, and worked collaboratively to write a final report submitted on June 15, 2023. Currently this task force is conducting a period of internal public comment (Fall 2023) to finish Stage 2. They have submitted proposals for the Chancellor Challenge, Presidential Diversity Cluster Hires, and Chancellor Cluster Hires toward completion of Stage 3.

c. Publicly/Community Engaged Scholarship (P/CES): Consisted of two co-chairs and fourteen members. Members met six times between January to June. A report with recommendations was completed on May 25, 2023, to include inclusive recommendations for tenure and promotion. The report will be shared with the OEVPA.

d. Life Sciences Alliance (LSA): Life Sciences Alliance (LSA): This task force’s mission is to bridge Rutgers–NB’s existing strengths in Life Sciences and to promote growth in emerging areas with the goal of advancing discovery, innovation, partnerships, and interdisciplinary research and access to research at Rutgers and beyond. The LSA PST is structured to ensure inclusive input from RU-NB schools, Chancellor-reporting institutes, advisory groups, and a comprehensive faculty task force. In particular, there is an Executive Steering Committee (ESC) comprised of six faculty/institute directors (NB Chancellor reporting) that will lead the task force. A Research Deans Advisory Group was invited to advise the ESC and the Vice Provost for Life Sciences Research & Partnerships. Task force faculty include members from GSAPP, SEBS, RBS, SOE, SSW, Mason Gross, SAS, and Library. Partners from RBHS, industry, and federal relations will be invited. In addition, to ensure student success, meet-and-greets will be curated across RU-NB schools and a research ideation forum will take place focusing on graduate-student and postdoc research on the life sciences. During FY 23 LSA worked on Stage 1. It will enter Stage 2 in the Fall 2023 semester. See Appendix D for full details.

II. Research Ideation Forums (Appendix E)

a. Machine Learning/Artificial Intelligence (ML/AI) took place on November 21, 2022. There were nine faculty teams, four minitalks, and Lewis-Burke Associates, LLC, presentations. Attendees were from across RU–NB, Office for Research, and other Chancellor-led units.

b. Future of Learning & Work took place on June 13, 2023. There were nine faculty teams, four minitalks, and Lewis-Burke Associates, LLC, presentations. Attendees represented RU–NB, other Chancellor-led units, Office for Research, and community members.

III. Pilot Seed Funding (Appendix F)

a. Individuals who presented at the research ideation forums applied to receive seed funding for their projects. During FY 23 we led the reviews of seventeen pilot seed funding applications. We awarded four Gun Violence and five ML/AI projects. The total funding award amount was $411,333 dispersed to projects across RU–NB schools (Bloustein, GSAPP, SAS, SCI, SEBS, SOE, SSW,) with MPIs, Co-PI/Co-Is across other Chancellor-led units (Newark, Camden, RBHS, RWJMS).

IV. Speed Networking (Appendix G)

a. RU–NB/RBHS: Thirty-one attendees strategizing on tangible ways to partner/collaborate using software tools for interacting among leadership.

b. Fair & Responsible Data Science: Fifty attendees from ten different NB schools/departments discussing ML/AI, ethics, challenges, and solutions.

V. Research Deans Roundtables (Appendix H)

VI. Center and Institutes Reviews: Continuing to refine the center review process. Schools sent their centers’ self-study, budget, and leadership reviews.
AMP, Pillar 2, Priority 2

VII.  Leadership Development
   a.  Research Deans Retreat: Research Deans were invited to spend the day working on leadership
development. All Schools were represented. Topics included:
   - Research Enterprise—Create Case Studies
   - Responsibility Center Management (RCM) Budget Model
   - Higher Education Leadership Principles
   - Research Integrity
   - Interdisciplinary Research
   - Research Leadership Challenge Activity

   Invited speakers included senior leadership, faculty, and staff from the Office of the Chancellor, Office
   for Research, Center for Organizational Leadership, and the Office of the Vice Provost for Research.
   b.  Research Development Retreat: Research Development Professionals, nominated by the Rutgers—
   New Brunswick research deans, spent the day working on leadership development. Topics included:
   - Self-Care Practices and Strategies
   - Communication Fundamentals—Productive Conversations to Get Things Done
   - NIH Data Management and Sharing Policy
   - How to Organize an NIH Application
   - How to Create a Successful Work Bio
   - RCM Budget Model
   c.  Mentorship of Provost Leadership Research Faculty Fellows (Appendix I): Three fellows joined the
   OVPR. They worked on the following strategic initiatives:
   - Andrea Hetling, PhD, Professor, Bloustein School of Planning and Public Policy, participated on
   the Publicly/Community-Engaged Scholarship Task Force as a member and
   contributed to the creation of the report.
   - Harini Sampath, PhD, Associate Professor, Department of Nutritional Sciences and New
   Jersey Institute for Food, Nutrition, and Health (IFNH), participated in the Undergraduate
   Research Discovery Day to expand access and inclusivity to undergraduate research at
   Rutgers.
   - Valerie Tutwiler, PhD, Assistant Professor, School of Engineering, participated in leading
   the SOE-Speed Networking event and in the Life Sciences Alliance Provost Strategic Task
   Force. This is the second year of her appointment within the OVPR.

VIII. NIH Academy (Appendix J)
   a.  Founded and led by the Director for Research Development & Strategy, the NIH Academy has
   completed three stages during FY 23.
   b.  Stage 1: Submit proposal and syllabus to Chancellor Francine Conway. Once approved, ask for
   faculty and research development nominations from RU–NB research deans.
   c.  Stage 2: Build a community among the faculty members and research development professionals
   (RDPs).
      i.  Selected Inaugural faculty members
      ii. Selected inaugural research development professionals
      iii. Hosted NIH Meet-and-Greet
      iv.  Launched Research Development Professionals Retreat (see above section VII.b)
   d.  Stage 3: Work with RU–NB RDP staff during July and August 2023 to finalize educational materials,
   create survey questions, and finalize the syllabus and Canvas materials.
AMP Pillar 2, Priority 3

IX. Undergraduate Research Discovery Day
   a. In collaboration with the Vice Provost for Undergraduate Education and the Aresty Research Center Director, the OVPR actively worked with members of the Undergraduate Research Council to plan the inaugural Rutgers “Undergraduate Research Discovery Day” (URDD). The kickoff launch is slated for September 15, 2023, with follow-up events planned throughout the “Fall 2023 Success Week.” These will include faculty-panel sessions and a resource fair for students. The following week (September 18–22), “Research Discovery Sessions” that expose students to research in its many forms across multiple disciplines will be held at different campus locations.

Other Intersecting Strategic Initiatives

X. Chancellor Challenge: The Chancellor Challenge invited members of Rutgers–New Brunswick’s rich and diverse scholarly community to propose transformative, campus-wide initiatives that help fulfill the goals of the Academic Master Plan and foster innovative research that benefits the public good. Through a competitive review process that evaluated twenty-five entries, four proposals were identified as being best positioned to catalyze exploration, collaboration, concept-testing, and risk-taking; to represent the efforts of cross-disciplinary teams from multiple Rutgers–New Brunswick units; and to focus the power of our research on grand challenges of science and society. We worked with project leads to further develop their projects, timelines, budget, and other support as needed. These were done in phases from April to June 2023. Awards were made on July 1, 2023 (Appendix K).

2023–2024 Goals

The Office of the Vice Provost for Research (OVPR) has three main goals that focus on the following strategic initiatives in FY 24 (see Appendix B). The goals align with the Chancellor’s Academic Master Plan’s (AMP) Pillars.

Goal 1: Support and increase impacts of innovative inclusive research by fostering interdisciplinary and cross campus collaboration.

AMP Pillar II, Priority 1: Increase impact of all Rutgers’s research, including interdisciplinary research and community-engaged research.

Strategic Initiatives: In Fall 2023/Spring 2024, we will continue our efforts to enhance an interdisciplinary research ecosystem through launching:

I. Provost Strategic Task Force on the Life Sciences Alliance
II. Provost Strategic Task Force on Behavioral Health and Health Equity
III. Research Ideation Forum Alumni Event
   a. In Spring 2024, we will organize an event where faculty alumni participants and pilot seed funding awardees will share updates.
IV. Pilot Seed Funding
   a. Future of Learning & Work
   b. Supplemental Awards for previous pilot seed funding awardees.
V. Speed Networking
   a. RU–NB/RBHS
VI. **Research Deans Roundtables**: Monthly meetings with the research deans will focus on driving forward the RU–NB research enterprise. They will focus on the Life Sciences Alliance Provost Strategic Task Force as the Research Deans Advisory Committee.

VII. **OVPR Newsletter**

**Goal 2**: Increase diversity in research faculty and staff to reflect our community, the State, and students; provide research professional advancement programming; and build capacity for publicly engaged research.

**AMP Pillar II, Priority 2**: Increase equitable representation of all communities in the research process, including diversity of faculty and access to infrastructure and resources.

**Strategic Initiatives:**

I. **Leadership Development**
   a. Mentorship of Provost Leadership Research Faculty Fellows

II. **Center Director Conference**

III. **NIH Academy**
   a. **Stage 4**: Launch in Fall 2023, when faculty members will meet in person on Fridays to work on their NIH R01 applications.

**Goal 3**: Center research opportunities for students at all levels of training from undergrad to graduate and postdoctoral.

**AMP Pillar II, Priority 3**: Tightening the connection between research and education by strengthening the opportunities for student research at all levels.

The OVPR will showcase undergraduate and graduate student research opportunities on the Rutgers–New Brunswick website along with leading research trainings for students and postdocs.

**Strategic Initiatives:**

I. **Undergraduate Student Research Discovery Day**

II. **Graduate Student and Postdoctoral Research Ideation Forum on Life Sciences**

**Other Major Intersecting Strategic Initiatives**

I. **Digital Badges**: OVPR will work on an application for the following faculty and staff digital badges.
   a. Provost Leadership Research Faculty Fellows
   b. Research Development Professionals, NIH R01 Academy

**Outcomes**

I. **School-to-School and School-to-Center/Institute Joint Hires MOU**

II. **Finalize RU–NB/RBHS Joint Hires MOU**

III. **Chancellor-Reporting Center/Institute Guidelines**

IV. **Begin Implementation of New Institute Model**

V. **Coordinate equitable infrastructure and core facilities development**
Website, Social Media, & University Service

I. Website & LinkedIn Profile

II. University Service Table

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<th>Leadership</th>
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<tr>
<td>1. Chancellor Cabinet Members</td>
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<td>2. President’s Administrative Council Members</td>
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<td>3. EVPAA/SVPR Research Strategy Roundtable Advisory Board</td>
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<td>4. Climate Action Task Force Co-Chair for New Brunswick</td>
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<td>5. RWJ executive advisory board for REACH project (Denise Rodgers, Anna Branch, Henry Turner)</td>
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<td>6. Association of Public and Land-Grant Universities (APLU), Innovation and Economic (IEP) Committee</td>
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<td>7. Waksman Institute of Microbiology, New Brunswick representative</td>
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<td>8. Leadership Advisory Panel, Executive Committee for Brain Health Institute, RBHS, New Brunswick representative</td>
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<th>Research Integrity</th>
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<tr>
<td>9. Misconduct issues, New Brunswick representative</td>
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<td>10. Big 10 Academic Alliance Research: Peer Group for the Responsible Conduct of Research (RCR) Integrity Subgroup, New Brunswick representative</td>
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<td>11. Office for Research, Responsible and Ethical Conduct of Research (RECR) Task Force, New Brunswick representative</td>
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<th>Research Administration/Development</th>
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<tr>
<td>12. Office for Research, indirect rates waivers applications, New Brunswick representative</td>
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<td>13. Office for Research, eIRB+ Steering Committee (SC) &amp; Implementation Team (IT), New Brunswick representative</td>
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<td>14. Office for Research, Research Development Professional, Advisory Board</td>
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<th>Student Success</th>
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<tr>
<td>16. Rutgers Career Exploration and Success, Rutgers Summer Service Internship (RSSI) Program, Selection Committee Member</td>
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<td>17. Rutgers Center for Organizational Leadership, Pre-Doctoral Leadership Development Academy, Panel, New Brunswick representative</td>
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<th>Business Development</th>
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<td>18. Combined OIT/Office for Research Budget Advisory Group</td>
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<td>19. Office for Research Budget Advisory Group</td>
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<th>Environment &amp; Health</th>
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<td>20. Newark–New Brunswick Environmental Advisory Board</td>
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<td>21. SEBS NJ Institute for Food, Nutrition, and Health Executive Advisory Board</td>
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## Appendix A: FY 23 Strategic Initiatives Timeline

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<tr>
<th>Timeframe</th>
<th>AMP Priority 1* Activities</th>
<th>AMP Priority 2* Activities</th>
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<tbody>
<tr>
<td>Summer 2022</td>
<td>• NEW CI-DS PST Listening Tour</td>
<td>• Submitted NIH R01 Academy proposal to the Chancellor Challenge</td>
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<td></td>
<td>• Convened CI-DS PST Champions meeting</td>
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<td></td>
<td>• Selected of CI-DS co-chairs</td>
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<td>• Selected of CI-DS PST members</td>
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<td>• Administered Center/Institute reviews</td>
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<td>• Followed-up and met with faculty members to facilitate Gun Violence research teams—</td>
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<td>based on the Research Ideation Forum on Gun Violence post-event survey</td>
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<td>• Launched the Gun Violence Seed Funding RFP</td>
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<td>• Brainstormed topics and curated a list of presenters for the Research Deans Leadership</td>
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<td></td>
<td>Retreat</td>
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<td>Fall 2022</td>
<td>• Hired NEW Program Development Specialist</td>
<td>• Sent out the call for the Provost Research Leadership Fellows nominations</td>
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<td>• Convened CI-DS PST meetings (11)</td>
<td>• Completed final selections for the Provost Leadership Research Fellows</td>
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<td>• Convened CI DS Co-chair meetings (5)</td>
<td>• Mentored Provost Leadership Research Faculty Fellows (7 meetings)</td>
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<td>• Convened Research Deans roundtables (11 meetings)</td>
<td>• Reviewed NIH R01 Academy Faculty and Research Development Professionals nominations</td>
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<td>• Released the Chancellor Challenge call</td>
<td>• Selected inaugural NIH R01 Academy participants</td>
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<td>• Launched the Research Deans Leadership Retreat</td>
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<td>• Reviewed Gun Violence Pilot Seed Funding proposals</td>
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<td>• Selected Gun Violence Pilot Seed Funding awardees</td>
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<td>• Launched 2nd Research Ideation Forum on ML/AI</td>
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<td>• Created ML/AI Pilot Seed Funding RFP</td>
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<td>• Administered Center/Institute reviews</td>
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<td>• Organized Speed Networking between RU–NB and RBHS</td>
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<td>• Hired NEW Program Development Specialist</td>
<td>• Brainstormed regarding the Undergraduate Research Strategic Initiative</td>
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<td>• NEW Vice Provost for Life Sciences Research &amp; Partnerships (VPLSRP) joined leadership</td>
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<td>• VPLSRP initiated Stage 1 of LSA PST: Listening Tour</td>
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<td>• Sent out the call for the Provost Research Leadership Fellows nominations</td>
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<td>• Reviewed NIH R01 Academy Faculty and Research Development Professionals nominations</td>
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<td>• Selected inaugural NIH R01 Academy participants</td>
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<td>• Brainstormed regarding the Undergraduate Research Strategic Initiative</td>
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<th>Timeframe</th>
<th>AMP Priority 3* Activities</th>
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<tr>
<td>Spring 2024</td>
<td>• Hosted NIH Academy Meet-and-Greet</td>
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<td>• Prepared for Undergraduate Research</td>
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**OFFICE OF THE VICE PROVOST FOR RESEARCH**

- Hosted Speed Networking: Fair and Responsible Data Science event
- Reviewed Chancellor Challenge proposals
- Selected Chancellor Challenge awardees
- Selected Pilot Seed ML/AI Funding awardees
- Worked with Chancellor Challenge awardees on Phase II of proposals and budgets
- Convened Research Deans roundtables (11 meetings)
- VPLSRP continued Stage 1 of LSA PST: Listening Tour
- Convened LSA PST Champions meeting
- Released the Research Ideation Forum on the Future of Learning & Work abstract call and selected participants
- Mentored Program Development Specialist
- Launched faculty cluster hires in Climate & Energy and ML/AI
- Developed School-to-School Joint Hires
- Developed Sponsored Programs Facilities and Administrative Costs Policy w/OfR
- Hosted Research Development Professionals retreat
- Selected Provost Leadership Research Fellows and convened mentorship meetings (7)
- Prepared for Undergraduate Research Discovery Day with the Vice Provost of Undergraduate Education and Team

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**Summer 2023 June**

- Launched 3rd Research Ideation Forum on the Future of Learning & Work
- Created Future of Learning & Work Pilot Seed Funding RFP
- Finalized Chancellor Challenge Awards Budgets and Proposals (previously called Chancellor Challenge)
- LSA PST Selected Executive Steering Committee
- LSA PST met with Executive Steering Committee
- Created New Chancellor Reporting Institute Model
- Created New Chancellor Reporting Institute Model
- Prepared for Undergraduate Research Discovery Day with the Vice Provost of Undergraduate Education and Team
## Appendix B: FY 24 Strategic Initiatives Timeline

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<th>AMP Priority 1* Activities</th>
<th>AMP Priority 2* Activities</th>
<th>AMP Priority 3* Activities</th>
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<tr>
<td><strong>AMP Priority 1</strong></td>
<td>• LSA PST Preparation (15 meetings)</td>
<td>• Convene NIH Academy working sessions with Research Development Professionals (4 sessions)</td>
<td>• Undergraduate Research Discovery Day Preparation with the Vice Provost of Undergraduate Education and team (5 meetings)</td>
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<td><strong>Summer 2023</strong></td>
<td>• Finalize Chancellor Challenge proposals and budgets with teams</td>
<td>• Finalize report from Publicly/Community Engaged Scholarship with Provost &amp; Executive Vice Chancellor for Academic Affairs</td>
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<td>• Complete Chancellor Reporting Institute Model</td>
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<td>• Hire NEW Senior Program Coordinator</td>
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<td>• Send out the call for Provost Research Leadership Fellows nominations</td>
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<td>• Host LSA PST Kickoff</td>
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<td>• Host LSA PST Townhall</td>
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<td>• Convene LSA PST meetings (12); interim report due</td>
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<td>• Host PST Thank-You Celebration</td>
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<td>• Convene Research Deans roundtables (11 meetings)</td>
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<td>• Update Chancellor Challenge website w/ launch of teams (RCEI, CASS, Notice Nature)</td>
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<td>• Continue PST Behavioral Health and Health Equity Stage 1</td>
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<td></td>
<td>• Initiated Pilot Seed Funding review for the Future of Learning &amp; Work</td>
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<td></td>
<td>• Center/Institute reviews</td>
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<td></td>
<td>• Speed Networking: RBHS/RU-NB</td>
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<td></td>
<td>• LSA Symposium preparations</td>
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<tr>
<td></td>
<td>• Convene NIH R01 Academy (15 Sessions)</td>
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<td></td>
<td>• Mentor Provost Leadership Research Faculty Fellows</td>
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<tr>
<td></td>
<td>• Host Undergraduate Research Discovery Day</td>
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<tr>
<td></td>
<td>• Graduate Student/Postdoc Research IdeaCon Forum Preparation</td>
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<tr>
<td></td>
<td>• Provost Research Leadership Fellows begin their appointments</td>
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<td></td>
<td>• Graduate Student/Postdoc Research IdeaCon Forum on Life Sciences Alliance Preparation</td>
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<tr>
<td><strong>Fall 2023</strong></td>
<td>• Convene Research Deans roundtables (11 meetings)</td>
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<tr>
<td></td>
<td>• PST Behavioral Health and Health Equity Stage 1, continues</td>
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<td></td>
<td>• Host Center/Institute Director conference</td>
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<tr>
<td></td>
<td>• Launch LSA Symposium</td>
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<td></td>
<td>• Convene LSA PST Meetings (14)</td>
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<td></td>
<td>• Complete and submit LSA PST Final Report</td>
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<td></td>
<td>• Host Research Ideation Forum alumni event</td>
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<tr>
<td></td>
<td>• Advertise call for Supplemental Awards (for previously Pilot Seed Funding awardees)</td>
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<tr>
<td><strong>Spring 2024</strong></td>
<td>• Convene Research Deans roundtables (11 meetings)</td>
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<tr>
<td></td>
<td>• PST Behavioral Health and Health Equity Stage 1, continues</td>
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<tr>
<td></td>
<td>• Advertise call for Supplemental Awards (for previously Pilot Seed Funding awardees)</td>
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Summer 2024
June
• Launch 4th Research Ideation Forum on the Life Sciences Alliance
• Climate Change and Cyberinfrastructure-Data Science Research Chancellor Challenge Initiatives ongoing
• Undergraduate Research Discovery Day Preparation with the Vice Provost of Undergraduate Education and team

OVPR FY 23/FY 24 AMP Pillar II, Innovative Research Priorities Legend

| AMP, Priority 1 | Increase impact of Rutgers research, including interdisciplinary research and community-engaged research |
| AMP, Priority 2 | Increase equitable representation of all communities in the research process, including diversity of faculty and access to infrastructure and resources |
| AMP, Priority 3 | Tighten the connection between research and education by strengthening the opportunities for student research at all levels |

Appendix C: OVPR FY 23 Snapshots Working Definitions

<table>
<thead>
<tr>
<th>Title</th>
<th>Definition/Description</th>
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<tbody>
<tr>
<td>Pilot Seed Funding Awarded</td>
<td>Total amount of funding given</td>
</tr>
<tr>
<td>Events &amp; Roundtables</td>
<td>Research Ideation Forums, Champions Meeting, Speed Networking, Mixer, Retreats</td>
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<tr>
<td></td>
<td>Research Deans Roundtable Meetings, PST Roundtable Meetings</td>
</tr>
<tr>
<td>NB Community Participants</td>
<td>Total in attendance at each event</td>
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<tr>
<td>Applications reviewed for pilot seed funding</td>
<td>Total applied and were reviewed</td>
</tr>
<tr>
<td>Applications reviewed for research ideation forums</td>
<td>Total applied and were reviewed</td>
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<tr>
<td>Leadership mentorship</td>
<td>Research deans, fellows, RDPs (NIH Academy)</td>
</tr>
<tr>
<td>C-P Challenge reviews</td>
<td>Total applied and were reviewed</td>
</tr>
<tr>
<td>Invited presenters</td>
<td>Total of invited presenters for different events/roundtables/meetings</td>
</tr>
<tr>
<td>RU-NB Schools served</td>
<td>Total number of schools OVPR served this FY</td>
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</table>
Appendix D: Provost Strategic Task Forces

Climate Change

Taskforce Members:
- Debasish Bhattacharya, Distinguished Professor, School of Environmental and Biological Sciences
- Dunbar Birnie, Professor & Corning/Saint Gobain/Malcolm G. McLaren Chair, Materials Science and Engineering, School of Engineering
- Anthony Broccoli, Distinguished Professor of Atmospheric Science, School of Environmental and Biological Sciences
- Robin Leichenko, Professor and Co-Director of the Rutgers Climate Institute
- Julie Lockwood, Professor and Chair of the Department of Ecology, Evolution, and Natural Resources, School of Environmental and Biological Sciences
- Oscar Schofield, Distinguished Professor and Chair of Marine and Coastal Sciences, School of Environmental and Biological Sciences
- Rachael Shwom, Associate Professor, School of Environmental and Biological Sciences and Associate Director, Rutgers Energy Institute (REI)
- James (Jim) Wright, Professor, Department of Marine and Coastal Sciences, School of Environmental and Biological Sciences

Cyberinfrastructure & Data Science

Taskforce Members:
- Mark Aakhus, Co-Chair, Associate Dean for Research Professor of Communication, School of Communication and Information
- J. Barr von Oehsen, Co-Chair, Associate Vice President, Office of Advanced Research Computing
- Alyson Brooks, Associate Professor, School of Arts and Sciences, Department of Physics and Astronomy
- Yuebin Guo, Henry Rutgers Professor of Advanced Manufacturing, School of Engineering, Department of Mechanical & Aerospace Engineering
- Ronald Hart, Professor, School of Arts and Sciences, Department of Cell Biology & Neuroscience
- Woojin Jung, Assistant Professor, School of Social Work
- Regina Liu, Distinguished Professor, School of Arts and Sciences, Department of Statistics
- Meredith McGill, Professor and Chair, School of Arts and Sciences, Department of English
- Thu Nguyen, Dean of Mathematical and Physical Sciences, Professor, School of Arts and Sciences, Department of Computer Science
- Katherine Ognyanova, Associate Professor, School of Communication and Information
- Jaideep Vaidya, Distinguished Professor and Department Vice Chair, Rutgers Business School, Management Science & Information Systems

Major Stakeholders:
- Yana Bromberg, Professor, School of Environmental and Biological Sciences, Department of Biochemistry and Microbiology
- Stephen K. Burley, University Professor and Henry Rutgers Chair, Institute for Quantitative Biomedicine, RCSB Protein Data Bank
- Enrique Curchitser, Professor, School of Environmental and Biological Sciences, Department of Environmental Sciences
• Richard Ebright, Board of Governors Professor of Chemistry and Chemical Biology, School of Arts and Sciences, Department of Chemistry and Chemical Biology
• Lauren M. E. Goodlad, Distinguished Professor & Chair of Critical AI @ Rutgers, School of Arts and Sciences, Department of English
• Shantenu Jha, Professor, School of Engineering, Department of Electrical & Computer Engineering
• Matthew Weber, Associate Professor, School of Communication and Information, Department of Communication
• John Wilkin, Professor, School of Environmental and Biological Sciences, Department of Marine and Coastal Sciences

Staff Liaison:
• Sheila Borges Rajguru, Director for Research Development & Strategy, Office of the Vice Provost for Research

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
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<tr>
<td>Mark A. Aakhus</td>
<td>Associate Dean for Research</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Clinton J. Andrews</td>
<td>Associate Dean for Faculty</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
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<tr>
<td>Consuella Askew</td>
<td>VP of University Libraries</td>
<td>Rutgers–New Brunswick Library</td>
</tr>
<tr>
<td>Gary Aston-Jones</td>
<td>Distinguished Professor/Director</td>
<td>Brain Health Institute</td>
</tr>
<tr>
<td>Wanda J. Blanchett</td>
<td>Dean</td>
<td>Graduate School of Education</td>
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<tr>
<td>Stephen Burley</td>
<td>Executive Vice Chancellor</td>
<td>Institute for Quantitative Biomedicine</td>
</tr>
<tr>
<td>Petra Christmann</td>
<td>Vice Dean of Faculty Affairs and Research</td>
<td>Rutgers Business School</td>
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<tr>
<td>Wendie Cohick</td>
<td>Director/ Dean of Research</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
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<td>Alberto Cuitino</td>
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<td>School of Engineering</td>
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<tr>
<td>Rebecca Cypess</td>
<td>Associate Dean for Academic Affairs</td>
<td>Mason Gross School of the Arts</td>
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<tr>
<td>Robin L. Davis</td>
<td>Vice Dean for Research and Graduate Education</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Adrienne Eaton</td>
<td>Dean</td>
<td>School of Management and Labor Relations</td>
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<tr>
<td>Marybeth Gasman</td>
<td>Associate Dean for Research, Faculty Development, and Research Outreach</td>
<td>Graduate School of Education</td>
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<tr>
<td>Jason Geary</td>
<td>Dean</td>
<td>Mason Gross School of the Arts</td>
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<tr>
<td>Arpana G. Inman</td>
<td>Dean</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Ken Irvine</td>
<td>Director</td>
<td>Waksman Institute of Microbiology</td>
</tr>
<tr>
<td>Jim Knowles</td>
<td>Executive Director</td>
<td>Human Genetics Institute</td>
</tr>
<tr>
<td>Eldo Kuzhikandathil</td>
<td>Proxy for Gary Aston-Jones</td>
<td>Brain Health Institute</td>
</tr>
<tr>
<td>Susan Lawrence</td>
<td>Co-Interim Executive Dean</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Laura Lawson</td>
<td>Executive Dean</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
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RU–NB Champions
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Lei Lei</td>
<td>Dean</td>
<td>Rutgers Business School</td>
</tr>
<tr>
<td>Dafna Lemish</td>
<td>Interim Dean</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Mingwei Liu</td>
<td>Associate Dean for Research</td>
<td>School of Management and Labor Relations</td>
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<tr>
<td>Dee Magnoni</td>
<td>Associate University Librarian</td>
<td>Rutgers–New Brunswick Library</td>
</tr>
<tr>
<td>Jim Masschaele</td>
<td>Co-Interim Executive Dean</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Thu Nguyen</td>
<td>Dean of Mathematical and Physical Sciences</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Jennifer Perillo</td>
<td>Proxy for Andrew Peterson</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Andrew Peterson</td>
<td>Associate Dean for Research</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Cathryn C. Potter</td>
<td>Dean</td>
<td>School of Social Work</td>
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<tr>
<td>Linda A. Reddy</td>
<td>Associate Dean of Research</td>
<td>Graduate School of Applied and Professional Psychology</td>
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<td>Stuart Shapiro</td>
<td>Interim Dean</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
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<td>Wade K. Trappe</td>
<td>Associate Dean for Academic Programs</td>
<td>School of Engineering</td>
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<tr>
<td>David Vicario</td>
<td>Dean of Social and Behavioral Sciences</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Rebecca Walkowitz</td>
<td>Dean of Humanities</td>
<td>School of Arts and Sciences</td>
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**PST Cyberinfrastructure Data Science Abbreviated Schedule**

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<tr>
<th>Date</th>
<th>Theme</th>
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<tbody>
<tr>
<td>6-Oct-22</td>
<td>Kickoff Meeting</td>
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<tr>
<td>14-Oct-22</td>
<td>QuickPoll results, review outcome document</td>
</tr>
<tr>
<td>21-Oct-22</td>
<td>Speakers: Dr. Yana Bromberg (Professor, SEBS Department of Biochemistry and Microbiology); Dr. Lauren Goodlad (Distinguished Professor of English; SAS Department of English)</td>
</tr>
<tr>
<td>28-Oct-22</td>
<td>Speakers: Dr. James Wilgenbusch (Director of Research Computing at the University of Minnesota, Twin Cities); Dr. Nick Tsinoremas (Vice Provost for Research Computing at the University of Miami)</td>
</tr>
<tr>
<td>4-Nov-22</td>
<td>Speakers: Dr. Shantenu Jha (Research in Advanced Cyberinfrastructure and Applications Laboratory); Dr. Stephen Burley (Institute for Quantitative Biomedicine)</td>
</tr>
<tr>
<td>11-Nov-22</td>
<td>Speaker: Dr. Barr von Oelesen (Office of Advanced Research Computing)</td>
</tr>
<tr>
<td>18-Nov-22</td>
<td>Speakers: Dr. Enrique Curchister (Professor of Climate; Atmospheric Science Group RU-NB); Dr. John Wilkin (Professor; SEBS Department of Marine and Coastal Sciences)</td>
</tr>
<tr>
<td>2-Dec-22</td>
<td>Report planning and development: create list of recommendations and work backwards, identifying aspirational peers, administrative leaders, RCM, technical dimensions, and existing groups at RU.</td>
</tr>
<tr>
<td>9-Dec-22</td>
<td>Speaker: Dr. Matt Weber (Associate Professor of Communication, SCI) Discussion of Peer Institutions (U Michigan, Ohio State, Illinois, U Tennessee, U Washington, UC San Diego, UC Berkeley, Northeastern U, U Southern Cal)</td>
</tr>
<tr>
<td>16-Dec-22</td>
<td>Develop recommendation framework, including further discussion of peers and other findings, delegating topics for report, funding agencies’ data management plans.</td>
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<tr>
<td>20-Jan-23</td>
<td>Create a plan to navigate the space and develop document</td>
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<tr>
<td>Date</td>
<td>Event Description</td>
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<tr>
<td>27-Jan-23</td>
<td>Recommendation Discussion 1: Breakout groups begin developing sections of the recommendation report.</td>
</tr>
<tr>
<td>3-Feb-23</td>
<td>Recommendation Development: Breakout groups meet to review the criteria questions in the draft to develop further.</td>
</tr>
<tr>
<td>10-Feb-23</td>
<td>Recommendation Discussion 2 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
</tr>
<tr>
<td>17-Feb-23</td>
<td>Recommendation Discussion 3 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>24-Feb-23</td>
<td>Recommendation Discussion 4 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>3-Mar-23</td>
<td>Recommendation Discussion 5 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>10-Mar-23</td>
<td>Recommendation Discussion 6 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>17-Mar-23</td>
<td>Recommendation Discussion 7 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>24-Mar-23</td>
<td>Recommendation Discussion 8 and Budget (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>31-Mar-23</td>
<td>Recommendation Discussion 9 (breakout groups to dive into developing sections of the recommendation report and then meeting to review the criteria questions in the draft to further develop)</td>
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<tr>
<td>21-Apr-23</td>
<td>VPR Hien Interim Report Discussion</td>
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<tr>
<td>28-Apr-23</td>
<td>Report Part 1 Finalization</td>
</tr>
<tr>
<td>5-May-23</td>
<td>Part 1 Refinements</td>
</tr>
<tr>
<td>12-May-23</td>
<td>Part 2 Refinements</td>
</tr>
<tr>
<td>19-May-23</td>
<td>Meeting with VPR</td>
</tr>
<tr>
<td>15-Jun-23</td>
<td>Submit final report</td>
</tr>
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**Publicly Engaged/Community-Engaged Scholarship**

**Taskforce Members:**
- Denise Hien, Co-Chair, Vice Provost for Research, Office of the Chancellor
- Saundra Tomlinson-Clarke, Co-Chair, Senior Vice Provost for Academic and Faculty Affairs, Office of the Chancellor
- Emily Allen-Hornblower, Associate Professor of Classics, School of Arts and Sciences, Department of Classics
- W. Steven Barnett, Board of Governors Professor of Education, Graduate School of Education, Senior Co-Director, National Institute for Early Education Research
- Sheila Borges Rajguru, Director for Research Development and Strategy, Office of the Vice Provost for Research
- Brittney Cooper, Associate Professor, School of Arts and Sciences, Department of Women’s, Gender, and Sexuality Studies
• Laura Curran, Vice Provost for Faculty Affairs, Office of the Chancellor
• Sara Elnakib, Chair/Program Leader, New Jersey Agricultural Experiment Station, Department of Family and Community Health Sciences
• Nichole Garcia, Assistant Professor of Higher Education, Graduate School of Education, Educational Psychology
• Alexander Guerrero, Professor, School of Arts and Sciences, Department of Philosophy
• Andrea Hetling, Provost Leadership Research Fellow, Office of the Vice Provost for Research
• Radha Jagannathan, Professor, Edward J. Bloustein School of Planning and Public Policy
• Brooke Maslo, Associate Professor, School of Environmental and Biological Sciences, Department of Ecology, Evolution and Natural Resources
• Saul Rubinstein, Professor, School of Management and Labor Relations, Labor Studies and Employment Relations Director, Center for the Study of Collaboration in Work and Society
• Nancy Wolff, Distinguished Professor, Edward J. Bloustein School of Planning and Public Policy
• Todd Wolfson, Associate Professor of Journalism and Media Studies, School of Communication and Information, Co-Director of the MIC Center

Life Sciences Alliance

Abbreviated Schedule

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<tr>
<th>Date</th>
<th>Theme</th>
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<tr>
<td>November 2022–January 2023</td>
<td>Background research/benchmarking for current Life Sciences institutes, centers, schools, etc.</td>
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<tr>
<td>December 2022–February 2023</td>
<td>Life Sciences Listening Tour (meetings with NB school leadership)</td>
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<tr>
<td>February–March 2023</td>
<td>Generate Champions meeting invite list, meeting materials, work with Lewis-Burke representatives for federal landscape</td>
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<tr>
<td>April 2023</td>
<td>Champions meeting (April 11, 2023); receive nominations for taskforcecommittee members</td>
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<tr>
<td>May 2023</td>
<td>Select of Executive Steering Committee (ESC); meet with ESC; select of Advisory Group (AG)</td>
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<tr>
<td>June 2023</td>
<td>Select task force members (work through July for final list); invite task force members, reserve space for meetings, and invite members to the meeting dates</td>
</tr>
<tr>
<td>July 2023</td>
<td>Finalize PST meeting schedule; invite guest speakers</td>
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<tr>
<td>August 2023</td>
<td>Update OVPR website with task force members; plan kick-off meeting</td>
</tr>
<tr>
<td>September 2023</td>
<td>Kick-off meeting; weekly meetings for task force</td>
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<tr>
<td>October 2023–May 2024</td>
<td>Weekly meetings for task force</td>
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Listening Tour List

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<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark Aakhus</td>
<td>Associate Dean for Research</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Gary Aston-Jones</td>
<td>Professor; Director</td>
<td>Brain Health Institute</td>
</tr>
<tr>
<td>Marty Blazer</td>
<td>Director of CABM; Henry Rutgers Chair of the Human Microbiome</td>
<td>Center for Advanced Biotechnology and Medicine</td>
</tr>
<tr>
<td>Stephen Burley</td>
<td>Henry Rutgers Chair and University Professor; Director</td>
<td>Institute for Quantitative Biomedicine</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>School</td>
</tr>
<tr>
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</tr>
<tr>
<td>Wendie Cohick</td>
<td>Director/Dean of Research</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
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<td>School of Engineering</td>
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<td>Robin Davis</td>
<td>Vice Dean of Research and Graduate Education</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Ken Irvine</td>
<td>Distinguished Professor of Molecular Biology and Biochemistry; Director</td>
<td>Waksman Institute of Microbiology</td>
</tr>
<tr>
<td>Jim Knowles</td>
<td>Distinguished Professor of Genetics; Director</td>
<td>Human Genetics Institute</td>
</tr>
<tr>
<td>Susan Lawrence</td>
<td>Associate Professor of Political Science, Interim Co-Executive Dean</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Laura Lawson</td>
<td>Executive Dean of Agriculture and Natural Resources</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
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<tr>
<td>Jim Masschaele</td>
<td>Professor of History; Interim Co-Executive Dean</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Thu Nguyen</td>
<td>Dean of Mathematical and Physical Sciences</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Libby O’Hare</td>
<td>Senior Principal</td>
<td>Biomedical Research Advocacy</td>
</tr>
<tr>
<td>Bishr Omary</td>
<td>Senior Vice Chancellor for Academic Affairs and Research</td>
<td>Center for Advanced Biotechnology and Medicine</td>
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<tr>
<td>Kathy Scotto</td>
<td>Vice Chancellor for Research, Dean</td>
<td>Rutgers Biomedical and Health Sciences</td>
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<tr>
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<td>School of Engineering</td>
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<tr>
<td>Mike Zwick</td>
<td>Senior Vice President for Research</td>
<td>Office for Research</td>
</tr>
</tbody>
</table>

**Life Sciences Alliance Champions**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
</tr>
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<tbody>
<tr>
<td>Mark A. Aakhus</td>
<td>Associate Dean for Research</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Clinton J. Andrews</td>
<td>Associate Dean for Faculty</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
</tr>
<tr>
<td>Consuella Askew</td>
<td>VP of University Libraries</td>
<td>Rutgers New Brunswick Library</td>
</tr>
<tr>
<td>Gary Aston-Jones</td>
<td>Distinguished Professor/Director</td>
<td>Brain Health Institute</td>
</tr>
<tr>
<td>Wanda J. Blanchett</td>
<td>Dean</td>
<td>Graduate School of Education</td>
</tr>
<tr>
<td>Stephen Burley</td>
<td>Executive Vice Chancellor</td>
<td>Institute for Quantitative Biomedicine</td>
</tr>
<tr>
<td>Petra Christmann</td>
<td>Vice Dean of Faculty Affairs and Research</td>
<td>Rutgers Business School</td>
</tr>
<tr>
<td>Wendie Cohick</td>
<td>Director/ Dean of Research</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
</tr>
<tr>
<td>Lori Covey</td>
<td>Dean of Life Sciences</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Alberto Cuitino</td>
<td>Interim Dean</td>
<td>School of Engineering</td>
</tr>
<tr>
<td>Rebecca Cypess</td>
<td>Associate Dean for Academic Affairs</td>
<td>Mason Gross School of the Arts</td>
</tr>
<tr>
<td>Robin L. Davis</td>
<td>Vice Dean for Research and Graduate Education</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Adrienne Eaton</td>
<td>Dean</td>
<td>School of Management and Labor Relations</td>
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<tr>
<td>Marybeth Gasman</td>
<td>Associate Dean for Research, Faculty</td>
<td>Graduate School of Education</td>
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<td></td>
<td>Development, and Research Outreach</td>
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<tr>
<td>Jason Geary</td>
<td>Dean</td>
<td>Mason Gross School of the Arts</td>
</tr>
<tr>
<td>Arpana G. Inman</td>
<td>Dean</td>
<td>Graduate School of Applied and Professional Psychology</td>
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<tr>
<td>Ken Irvine</td>
<td>Director</td>
<td>Waksman Institute of Microbiology</td>
</tr>
<tr>
<td>Jim Knowles</td>
<td>Executive Director</td>
<td>Human Genetics Institute</td>
</tr>
<tr>
<td>Eldo Kuzhikandathil</td>
<td>Proxy for Gary Aston-Jones</td>
<td>Brain Health Institute</td>
</tr>
<tr>
<td>Susan Lawrence</td>
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<td>School of Arts and Sciences</td>
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<tr>
<td>Laura Lawson</td>
<td>Executive Dean</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and</td>
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<td>Biological Sciences</td>
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<tr>
<td>Lei Lei</td>
<td>Dean</td>
<td>Rutgers Business School</td>
</tr>
<tr>
<td>Dafna Lemish</td>
<td>Interim Dean</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Mingwei Liu</td>
<td>Associate Dean for Research</td>
<td>School of Management and Labor Relations</td>
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<tr>
<td>Dee Magnoi</td>
<td>Associate University Librarian</td>
<td>Rutgers New Brunswick Library</td>
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<tr>
<td>Jim Masschaele</td>
<td>Co-Interim Executive Dean</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Thu Nguyen</td>
<td>Dean of Mathematical and Physical Sciences</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Jennifer Perillo</td>
<td>Proxy for Andrew Peterson</td>
<td>School of Social Work</td>
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<tr>
<td>Andrew Peterson</td>
<td>Associate Dean for Research</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Cathryn C. Potter</td>
<td>Dean</td>
<td>School of Social Work</td>
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<tr>
<td>Linda A. Reddy</td>
<td>Associate Dean of Research</td>
<td>Graduate School of Applied and Professional Psychology</td>
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<tr>
<td>Stuart Shapiro</td>
<td>Interim Dean</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
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<tr>
<td>Wade K. Trappe</td>
<td>Associate Dean for Academic Programs</td>
<td>School of Engineering</td>
</tr>
<tr>
<td>David Vicario</td>
<td>Dean of Social and Behavioral Sciences</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Rebecca Walkowitz</td>
<td>Dean of Humanities</td>
<td>School of Arts and Sciences</td>
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**Executive Steering Committee**

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
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<tbody>
<tr>
<td>Stephen Burley</td>
<td>Henry Rutgers Chair and University Professor</td>
<td>Institute for Quantitative Biomedicine</td>
</tr>
<tr>
<td>Wendie Cohick</td>
<td>Director/ Dean of Research</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and</td>
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<td>School of Arts and Sciences</td>
</tr>
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<td>Ken Irvine</td>
<td>Distinguished Professor of Molecular Biology and Biochemistry</td>
<td>Waksman Institute of Microbiology</td>
</tr>
<tr>
<td>Jim Knowles</td>
<td>Distinguished Professor of Genetics</td>
<td>Human Genetics Institute</td>
</tr>
<tr>
<td>Wade Trappe</td>
<td>Associate Dean for Academic Programs</td>
<td>School of Engineering</td>
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Research Deans Advisory Group

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Mark Aakhus</td>
<td>Associate Dean for Research</td>
<td>School of Information &amp; Communication</td>
</tr>
<tr>
<td>Clinton Andrews</td>
<td>Associate Dean for Faculty</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
</tr>
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<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Marybeth Gasman</td>
<td>Associate Dean for Research, Faculty Development, and Research Outreach</td>
<td>Graduate School of Education</td>
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<tr>
<td>Mingwei Liu</td>
<td>Associate Dean for Research</td>
<td>School of Management and Labor Relations</td>
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<td>Dee Magnoni</td>
<td>Associate University Librarian</td>
<td>Rutgers New Brunswick Library</td>
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<tr>
<td>Thu Nguyen</td>
<td>Dean of Mathematical and Physical Sciences</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Lia Nower</td>
<td>Professor and Director of the Center for Gambling Studies</td>
<td>School of Social Work</td>
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<tr>
<td>Linda Reddy</td>
<td>Associate Dean of Research</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>David Vicario (other)</td>
<td>Dean of Social and Behavioral Sciences</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Rebecca Walkowitz</td>
<td>Dean of Humanities</td>
<td>School of Arts and Sciences</td>
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Invited Faculty Task Force Members

Figure 4: Invited Number of Faculty/School & Titles

Invited Task Force Members Table

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<thead>
<tr>
<th>Name</th>
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<th>School Affiliation</th>
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<tbody>
<tr>
<td>Vanessa Bal</td>
<td>Associate Professor</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Annika Barber</td>
<td>Assistant Professor</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Nicholas Bello</td>
<td>Professor</td>
<td>School of Environmental and Biological Sciences</td>
</tr>
<tr>
<td>Debashish Bhattacharya</td>
<td>Distinguished Professor</td>
<td>School of Environmental and Biological Sciences</td>
</tr>
<tr>
<td>Kasia Bieszczad</td>
<td>Associate Professor</td>
<td>School of Arts and Sciences</td>
</tr>
</tbody>
</table>
Appendix E: Research Ideation Forums

**Machine Learning/Artificial Intelligence**

**Political Polarization Dynamics**

- James Abello, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
- Karl Stratos, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
- Haoyang Zhang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
- Adam Gormley, PhD, Rutgers University–New Brunswick School of Engineering, Department of Biomedical Engineering
- David Sleat, PhD, Center for Advanced Biotechnology and Medicine, Robert Wood Johnson Medical School
- Peter Lobel, PhD, Center for Advanced Biotechnology and Medicine, Robert Wood Johnson Medical School
Non-Invasive Blood Viscosity Estimation Using Ultrasound Videos of Carotid Blood Flow
- Shirin Jalali, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
- Valerie Tutwiler, PhD, Rutgers–New Brunswick School of Engineering, Department of Biomedical Engineering
- Andrew Iskander, MD, Rutgers–Newark Beth Israel Medical Center, Rutgers Biomedical and Health Science, Department of Anesthesiology

Performance Guaranteed Machine Learning and Artificial Intelligence Methods for Biochemical and Biophysical
- Sijian Wang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Statistics
- Sagar Khare, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Chemistry and Chemical Biology
- Lu Wang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Chemistry and Chemical Biology
- Minge Xie, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Statistics
- Min Xu, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Statistics

IMAGINE: Exploring Machine Learning in Population Health
- Ioannis (Yannis) P. Androulakis, PhD, Rutgers–New Brunswick School of Engineering, Department of Biomedical Engineering
- Tobias Gerhard, PhD, FISPE; Rutgers Biomedical and Health Science Earnest Mario School of Pharmacy; Institute for Health, Health Care Policy, and Aging Research; Director, Center for Pharmacoepidemiology and Treatment Science
- Vinod Rustgi, MD, MBA, Robert Wood Johnson Medical School, Department of Medicine, Division of Gastroenterology, Director of Hepatology

Privacy Protection in Trustworthy AI Systems
- Ruobin Gong, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Statistics
- Anand Sarwate, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
- Jalaj Upadhyay, PhD, Rutgers Business School, Department of Management and Information Systems
- Jie Gao, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science

Using Large Language Models to Reduce Polarization in Online Political Discussions
- Thomas Davidson, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Sociology
- Kiran Garimella, PhD, Rutgers School of Communication and Information, Department of Library and Information Science

Developing Context-aware, Human Interpretable AI Algorithms to Support Poverty Mapping
- Woojin Jung, PhD, Rutgers–New Brunswick School of Social Work, Global Health Institute
- Dimitris Metaxas, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
- Dimitris Ntarlagiannis, PhD, Rutgers–Newark School of Arts and Sciences, Department of Earth & Environmental Sciences

Problem Gambling and Reddit: Discussions of Help-seeking on an Online Forum
- Mark van der Maas, PhD, Rutgers–New Brunswick School of Social Work, Center for Gambling Studies
• Thomas Davidson, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Sociology

**DESIGN JUSTICE LABS: Interventions in Language Technology for the 21st Century**
• Lauren M. E. Goodlad, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of English
• Matthew Stone, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science

**Scalable Assimilation and Multi-model Prediction using Learning and Ensembles (SAMPLE)**
• Shantenu Jha, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
• Robert Kopp, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Earth and Planetary Sciences
• Travis Miles, PhD, Rutgers–New Brunswick School of Environmental and Biological Sciences, Department of Marine & Coastal Sciences

**Best Practices for Computational Social Science**
• Sarah Shugars, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication
• Tawfiq Ammari, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Library and Information Science
• Sophia Fu, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication
• Jessica L. Hamilton, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Psychology
• Matthew Weber, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication
• Marya Doerfel, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication

**Enabling Precision Medicine in Psychiatry Through Advances in Machine Learning for Multimodal Neuroimaging Data**
• Waheed U. Bajwa, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
• David Zald, PhD, Center for Advanced Human Brain Imaging Research, Robert Wood Johnson Medical School
• Linden Parkes, PhD, Center for Advanced Human Brain Imaging Research, Robert Wood Johnson Medical School

**Responsible AI for Health Equity**
• Vivek Singh, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Library and Information Science
• Matthew Matsaganis, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication
• Lisa Mikesell, PhD, Rutgers–New Brunswick School of Communication & Information, Department of Communication
• Vincent Silenzio, MD, MPH, Rutgers–Newark School of Public Health, Urban-Global Public Health
• Riva Touger-Decker, PhD, Rutgers–Newark School of Public Health, Clinical and Preventive Nutrition Sciences
• Jaideep Vaidya, PhD, Rutgers Business School–Newark, Department of Management Science & Information Systems
• Pamela Valera, PhD, Rutgers–Newark School of Public Health, Department of Urban-Global Public Health
• Ryan White, PhD, Rutgers–Newark School of Public Health, Department of Physician Assistant Studies

AI for Marine Mammals: Managing Wind-Whale Co-Existence
• Ahmed Aziz Ezzat, PhD, Rutgers–New Brunswick School of Engineering, Department of Industrial & Systems Engineering
• Josh Kohut, PhD, Rutgers–New Brunswick School of Environmental and Biological Sciences, Department of Marine & Coastal Sciences

Developing AI systems for Workforce Development with Rational Thinking and Acting Capabilities by Leveraging Social Impact Analysis
• Meiyin Liu, PhD, Rutgers–New Brunswick School of Engineering, Department of Civil & Environmental Engineering
• Michelle Van Noy, PhD, Rutgers–New Brunswick School of Management and Labor Relations, Department of Education and Employment Research Center

Physics-Informed Machine Learning (PIML): A New Paradigm to Integrate ML and Physical Systems
• Yuebin Guo, PhD, Rutgers–New Brunswick School of Engineering, Department of Advanced Manufacturing Mechanical & Aerospace Engineering
• Xiaoli Bai, PhD, Rutgers–New Brunswick School of Engineering, Department of Mechanical & Aerospace Engineering
• Weihong Guo, PhD, Rutgers–New Brunswick School of Engineering, Department of Industrial and Systems Engineering
• Jorge Ortiz, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
• Rohit Ramachandran, PhD, Rutgers–New Brunswick School of Engineering, Department of Chemical and Biochemical Engineering
• Hao Wang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
• Jingang Yi, PhD, Rutgers–New Brunswick School of Engineering, Department of Mechanical & Aerospace Engineering
• Bo Yuan, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering

IMPRESS: Interpretable Machine-learning for PRotein Structures at Scale
• Shantenu Jha, PhD, Rutgers–New Brunswick School of Engineering, Department of Electrical and Computer Engineering
• Sagar Share, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Chemistry and Chemical Biology

Future of Learning & Work

Addressing Wealth Inequality: Capital Shares for the Working Middle Class
• Joseph Blasi, EdD, Rutgers–New Brunswick School of Management & Labor Relations, Department of Human Resource Management
• Douglas Kruse, PhD, Rutgers–New Brunswick School of Management & Labor Relations, Department of Human Resource Management
• Tobias Schulze-Cleven, PhD, Rutgers–New Brunswick School of Management & Labor Relations, Department of Labor Studies & Employment Relations

**Building a Resilient Workforce through Trauma-Informed Practices**
• Andrea Hetling, PhD, Rutgers–New Brunswick E. J. Bloustein School of Planning & Public Policy, Heldrich Center for Workforce Development
• Victoria Banyard, PhD, Rutgers–New Brunswick School of Social Work, Center for Research on Ending Violence
• Yen-Tyng Chen, PhD, Rutgers–New Brunswick E. J. Bloustein School of Planning & Public Policy, Public Health Program
• Rupa Khetarpal, MSW, Rutgers–New Brunswick School of Social Work, Violence Against Women and Children
• Sarah McMahon, PhD, Rutgers–New Brunswick School of Social Work, Center for Research on Ending Violence

**Wearable Safety Sensing and Assistive Robots for a Disability-Inclusive Construction Workforce**
• Jingang Yi, PhD, Rutgers–New Brunswick School of Engineering, Department of Mechanical and Aerospace Engineering
• Xiangmin Liu, PhD, Rutgers–New Brunswick School of Management and Labor Relations, Department of Human Resource Management and Labor Studies and Employment Relations

**A Human-Interpretable Automatic Grader for Word Problems in Engineering Disciplines**
• Meiyin Liu, PhD, Rutgers–New Brunswick School of Engineering, Department of Civil & Environmental Engineering
• Dake Zhang, PhD, Rutgers–New Brunswick Graduate School of Education, Department of Educational Psychology

**Cognitive underpinnings and the developmental trajectory of gender and racial stereotypes in early childhood math education**
• Jenny Wang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Psychology & Cognitive Sciences
• Daniel Battey, PhD, Rutgers–New Brunswick Graduate School of Education, Department of Learning and Teaching

**Supporting Age-Friendly Community Work through the Development of a Partnerships Platform**
• Emily A. Greenfield, PhD, Rutgers–New Brunswick School of Social Work, Hub for Aging Collaboration
• Sarah Allred, PhD, Rutgers–Camden School of Arts and Sciences, Department of Psychology

**Developing AI systems for workforce training with rational thinking and acting capabilities by leveraging social impact analysis**
• Meiyin Liu, PhD, Rutgers–New Brunswick School of Engineering, Department of Civil & Environmental Engineering
• Michelle Van Noy, PhD, Rutgers–New Brunswick School of Management and Labor Relations, Department of Education and Employment Research Center
From Resumes to Algorithms: Preliminary Findings on Employers’ Use of AI-Enabled Hiring Practices
- Xiangmin Liu, PhD, Rutgers–New Brunswick School of Management and Labor Relations, Department of Human Resource Management and Labor Studies and Employment Relations
- Adrienne E. Eaton, PhD, Rutgers-New Brunswick School of Management and Labor Relations, Department of Labor Studies and Employment Relations and the Center for Work and Health
- Todd E. Vachon, PhD, Rutgers–New Brunswick School of Management and Labor Relations, Department of Labor Studies and Employment Relations; LEARN
- Yongfeng Zhang, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science

Make HAI when the sun shines! Development of Bias & Ambiguity Identification Models with a Human-Centered AI Perspective.
- Jim Samuel, PhD, MBA, Rutgers–New Brunswick E. J. Bloustein School of Planning & Public Policy, Department of Public Relations
- Rick Anderson, BS, Rutgers–New Brunswick School of Communication & Information, Virtual Worlds–Game Research and Immersive Designs
- Carmela Scala, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Italian
- Chloe Kitzinger, PhD, Rutgers–New Brunswick School of Arts and Sciences, Department of Russian and East European Languages and Literatures
- Colin Philip, Rutgers–New Brunswick OIT-Infrastructure, Incident Response Analysis
Appendix F: Pilot Seed Funding Awarded

Gun Violence Projects

Gun Violence Exposure on Social Media and Youth Mental Health

Principal Investigators
- Jessica Leigh Hamilton, Rutgers–New Brunswick School of Arts and Sciences, Psychology
- Daniel Charles Semenza; Rutgers–Camden Faculty of Arts and Sciences; Sociology, Anthropology, and Criminal Justice; Rutgers Biomedical and Health Sciences School of Public Health; Urban-Global Health

Co-Investigators
- Paul Boxer, Rutgers–Newark School of Arts and Sciences, Psychology
- Jeffrey Lane, Rutgers–New Brunswick School of Communication and Information, Communication
- Linda Oshin, Rutgers–New Brunswick Graduate School of Applied and Professional Psychology, Clinical Psychology

Chancellor-Led Unit(s): New Brunswick, Camden, Newark
Departments: Psychology; Sociology; Communications
Awarded: $40,000

Understanding Suicide and Gun Violence in New Jersey through partnerships between Rutgers and the Office of the Chief State Medical Examiner

Principal Investigators
- Evan Kleiman, Rutgers–New Brunswick School of Arts and Sciences, Psychology
- Shireen Rizvi, Rutgers–New Brunswick Graduate School of Applied and Professional Psychology, Clinical Psychology
- Paul Duberstein; Rutgers Biomedical and Health Sciences; Health Behavior, Society, and Policy

Co-Investigator
- Andrew Falzon, Chief State Medical Examiner for the State of New Jersey, Rutgers Biomedical and Health Sciences, Pathology & Laboratory Medicine

Chancellor-Led Unit(s): New Brunswick, Rutgers Biomedical and Health Sciences
Departments: Health Behavior, Society, and Policy; Clinical Psychology; Pathology & Laboratory Medicine
Awarded: $49,888

Excessive Bleeding Following Gun Shot Injury

Principal Investigators
- Valerie Tutwiler, Rutgers–New Brunswick School of Engineering, Biomedical Engineering
- Joseph Hanna, Rutgers Biomedical and Health Sciences Robert Wood Johnson Medical School, Surgery Critical Care

Chancellor-Led Unit(s): New Brunswick, Robert Wood Johnson Medical School
Departments: Biomedical Engineering; Surgery Critical Care
Awarded: $31,723
Building the Rutgers Gun Violence Care Center (RGVCC) in New Brunswick, NJ: A Multidisciplinary Approach to Health for Firearm Injury Survivors

Principal Investigators
- Rachel Choron, Rutgers Biomedical and Health Sciences, Robert Wood Johnson Medical School Surgery
- Chiara Sabina, Rutgers–New Brunswick School of Social Work, Social Work

Co-Investigators
- Elaine Hewins, Robert Wood Johnson University Hospital
- Nazsa S. Baker, Rutgers Biomedical and Health Sciences, NJ Gun Violence Research Center, School of Public Health
- Jennifer Geller, Rutgers Biomedical and Health Sciences, Medical Student
- Diana Starace, Rutgers Biomedical and Health Sciences, Robert Wood Johnson University Hospital
- Amanda Teichman, Rutgers Biomedical and Health Sciences, Robert Wood Johnson Medical School Surgery
- Zachary Englert, Rutgers Biomedical and Health Sciences, Robert Wood Johnson Medical School Surgery

Chancellor-Led Unit(s): New Brunswick, Rutgers Biomedical and Health Sciences
Departments: Social Work; Robert Wood Johnson University Health
Awarded: $46,335

Machine Learning / Artificial Intelligence I Projects

Enabling Precision Medicine in Psychiatry Through Advances in Machine Learning for Multimodal Neuroimaging Data

Principal Investigators
- Waheed U. Bajwa, Rutgers–New Brunswick School of Engineering, Department of Electrical & Computer Engineering
- David Zald, Center for Advanced Human Brain Imaging Research, Robert Wood Johnson Medical School
- Linden Parkes, Center for Advanced Human Brain Imaging Research, Robert Wood Johnson Medical School
- Avram Holmes, Center for Advanced Human Brain Imaging Research, Robert Wood Johnson Medical School

Chancellor-Led Unit(s): New Brunswick, Rutgers Biomedical and Health Sciences
School/Dept.: School of Engineering & Psychiatry
Awarded: $50,000

Stabilization of TPP1 by AI-Guided Robotics for the Treatment of Treatment of Late Infantile Neuronal Ceroid Lipofuscinosis

Principal Investigators
- Adam Gormley, Rutgers University–New Brunswick School of Engineering, Department of Biomedical Engineering
- David Sleat, Center for Advanced Biotechnology and Medicine, Robert Wood Johnson Medical School

Co-Investigator
- Peter Lobel, Center for Advanced Biotechnology and Medicine, Robert Wood Johnson Medical School
Identifying patterns of misinformation in online gambling communities

Principal Investigators
- Mark van der Maas, Rutgers–New Brunswick School of Social Work, Center for Gambling Studies
- Jim Samuel, Rutgers–New Brunswick E. J. Bloustein School of Planning & Public Policy, Department of Informatics

AI for Good: Unlocking Wind-Whale Co-Existence

Principal Investigators
- Ahmed Aziz Ezzat, Rutgers–New Brunswick School of Engineering, Department of Industrial & Systems Engineering
- Josh Kohut, Rutgers–New Brunswick School of Environmental and Biological Sciences, Department of Marine & Coastal Sciences

Detecting human-interpretable features from satellite imagery to support poverty mapping

Principal Investigators
- Woojin Jung, Rutgers–New Brunswick School of Social Work, Global Health Institute
- Dimitris Metaxas, Rutgers–New Brunswick School of Arts and Sciences, Department of Computer Science
- Dimitrios Ntarlagiannis, Rutgers–Newark School of Arts and Sciences, Department of Earth and Environmental Sciences
- Min Xu, Rutgers–New Brunswick School of Arts and Sciences, Department of Statistics
- Yuan Liao, Rutgers–New Brunswick School of Arts and Sciences, Department of Economics

Co-Investigators
- Quentin Stoeffler, School of Economics, University of Bordeaux, France
- Maryam Hosseini, City Form Lab, MIT
- Simone Nsutezo, AI for Good Lab, Microsoft Research
- Anthony Ortiz, AI for Good Lab, Microsoft Research

Chancellor-Led Units: New Brunswick, Newark,
School/Dept.: SSW, SOE, SAS, MIT, Microsoft, Bordeaux School of Economics, France
Awarded: $50,000
# Appendix G: Speed Networking

**Rutgers–New Brunswick and Rutgers Biomedical Health Sciences Mixer**

<table>
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<td>NB/RBHS/OfR</td>
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<td>21 NB/10 RBHS</td>
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## List of Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School Affiliation</th>
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<td>Courtney McAnuff</td>
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<td>José Román</td>
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<td>Kathy Scotto</td>
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<td>Rutgers–New Brunswick</td>
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<tr>
<td>Barr von Oehsen</td>
<td>Associate Vice President, Office of Advanced Research Computing</td>
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<tr>
<td>Renping Zhou</td>
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<td>Michael Zwick</td>
<td>Senior Vice President for Research</td>
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**Speed Networking: Fair and Responsible Data Science**

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<th>Event</th>
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<th># people</th>
<th># of Schools/departments</th>
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<td>Speed Networking: Fair and Responsible DS</td>
<td>NB</td>
<td>50</td>
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**List of Attendees**

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<tbody>
<tr>
<td>Mark Aakhus</td>
<td>Associate Dean for Research</td>
<td>School of Communication &amp; Information</td>
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<tr>
<td>Tawfiq Ammari</td>
<td>Assistant Professor</td>
<td>School of Communication and Information</td>
</tr>
<tr>
<td>Vivien Anthony</td>
<td>Associate Professor</td>
<td>School of Social Work</td>
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<tr>
<td>Jean Baum</td>
<td>Vice Provost for Life Sciences Research and Partnerships</td>
<td>Office of the Vice Provost for Research</td>
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<td>Sheila Borges Rajguru</td>
<td>Director of Research Development and Strategy</td>
<td>Office of the Vice Provost for Research</td>
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<tr>
<td>Laura Bowering Mullen</td>
<td>Behavioral Sciences Librarian; Open Access Specialist</td>
<td>Rutgers New Brunswick Libraries</td>
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<tr>
<td>Joseph Casillas</td>
<td>Associate Professor</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Rong Chen</td>
<td>Distinguished Professor and Chair</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Weiwei Chen</td>
<td>Associate Professor</td>
<td>Rutgers Business School</td>
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<td>Yaqing Chen</td>
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<tr>
<td>Bala Desinghu</td>
<td>Senior Scientist</td>
<td>Office of Advanced Research Computing</td>
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<tr>
<td>Nuria Diaz-Tena</td>
<td>Associate Professor</td>
<td>Rutgers Business School</td>
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<tr>
<td>Kendra Dickinson</td>
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<td>Jie Gao</td>
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<tr>
<td>Eric Gawiser</td>
<td>Professor</td>
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<tr>
<td>Lauren Goodlad</td>
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<td>Ananda Gunawarden</td>
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<tr>
<td>Casimir Kulikowski</td>
<td>Board of Governors Professor of Computer Science</td>
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<td>Alexandra Kunish</td>
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<td>Hang Liu</td>
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<tr>
<td>Gemma Moran</td>
<td>Incoming Assistant Professor (Fall 2023)</td>
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<td>Thu D Nguyen</td>
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<td>Laura Palumbo</td>
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<td>Melissa Schmidt</td>
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<td>Charles Senteio</td>
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<td>Arunesh Sinha</td>
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<td>Matthew Stone</td>
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<td>Sangya S. Varma</td>
<td>Associate Dean for Program Development, Mathematical and Physical Sciences</td>
<td>School of Arts and Sciences</td>
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<td>Guanyang Wang</td>
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<td>Ryan Womack</td>
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<td>Min Xu</td>
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<td>School of Arts and Sciences</td>
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<tr>
<td>Sonia Yaco</td>
<td>Digital Initiatives and Emerging Technologies Librarian</td>
<td>Rutgers New Brunswick Libraries</td>
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<tr>
<td>Itzhak Yanovitzky</td>
<td>Professor</td>
<td>School of Communication &amp; Information</td>
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</table>
Roundtable Discussions

Padlet Data (direct quotes) and Themes

What research are you working on and how are you applying data science? What challenges are you facing in applying fair and responsible data science?

- Computer engineering...focusing on getting things faster, but still worried about bias—like gender bias in ChatGPT.
- Data privacy for data kept on students, especially when they don't know how their data is used.
- How to make data open and available.
- Auditing existing AI algos for bias and create fairer algorithms. Behavioral informatics.
- Research exploring stereotypes (content, sentiment) in language models (e.g., ChatGPT).
- Model interpretability (“opening the black box”) is crucial for FRDS.
- I work on interpretable machine learning, particularly for healthcare. More specifically, I am interested in representation learning—for large datasets, we often want to learn low dimensional representations or summaries. These representations are often used in downstream tasks. How can we ensure these representations are interpretable? This is important for detecting bias.
- Incentive design for data quality improvement. Main challenge is getting funding for this type of work.
- Data privacy for wireless signals and sending, social influence, polarization and learning, fair clustering and redistricting.

How could collaboration increase the impact of your work? What form of support could help your research succeed?

- Collaboration with experts in various language models, bias detection in language models that would complement my expertise and make papers/grant stronger.
- Many sentiments from causal inference, which is crucial for FRDS, can be defined implicitly as solutions to optimization programs. For example, collaboration with Computer Scientists is very important for the development of efficient algorithmic implementation and statistical inference.

Facilitators, what are the synergies among those at the table as it pertains to FRDS? Are there areas of potential collaborations?

- Our table talked about the major theme of access and promoting diversity across different areas of data science. An additional topic was having access/encouragement/recognition at the depth and university level for the added time and effort building interdisciplinary collaborations takes. Ideas include more seed fundings, departmental support, PhD training programs, and collaboration matchmaking when needed (hard to find the right person when in different school). Concerns around building this research type slow progress, when this leads to important tenure/promotion supporting efforts.
- Discovery from addressing methodological issues that may in turn lead to innovation for stats and the domain area.
- Methodological expertise in implementing large-scale data efforts for impact, including policies for sharing (libraries), incentives for data collections (RBS), mechanisms for federated learning that preserve privacy and independence (OARC). We can work together to plan projects from the beginning to address the overall lifecycle of data science projects!
- A lot of synergies. Network analysis, privacy, fairness among statisticians, computer scientists, social scientists and data management
- Sharing data and lessons learned to enhance data literacy and data science education.
- Developing trans-disciplinary frameworks for the broader impacts of data science research, including engaging stakeholders, shaping policy, and educating the public.
- Challenges around data management particularly in health care. A lot of time and effort goes into cleaning and organizing data and then often times only a small part is used. The proposed solution is central repository within Rutgers sharing data internally, code. Internally GitHub/repository with software engineer to manage.
- Open access of data and privacy and data quality issues. Checking fairness of machine learning algorithms and optimization for application.
- At each table, we discovered ways that we could help each other’s work.
- There was interest in follow up activities to further coordinate and intensify interests for research and teaching…internal speaker and discussion events among those interested in FRDS for sharing recent and upcoming work, birds-of-a-feather gatherings among those teaching some aspect of DS to share but also to articulate pathways for those who want to learn, to host introductory event for new faculty in FRDS and DS, build ties with student groups in ds
- Our table discussed how to find Collaborators for specific projects, having informal forum or mailing list to do outreach with potential collaborators; the challenges with access to data (clean and reliable) and eventual validation; bias/perspectives of collectibles objects archive; we found synergies between members at the table who will follow up directly; create pathways for students to have experiential learning oops; Additionally pathways to graduate schools
- Federated learning is one possible approach to sharing knowledge and AI models without worrying about sharing the data.
- Responsible data science requires developing algorithms and computational tools.

What are the most significant barriers to fairness and responsibility with respect to the practice of data science?
- The perspective of who, why and how the data was collected affects the nature of data, beyond bias.
- Tracking August 2022 Nelson Memo and emerging data-sharing mandates, along with open science and open scholarship. Creating connections and partnerships, understanding researcher needs, creating workshops. Communication and getting the word out is the major challenge. Here to create connections, help RU be successful with federal mandates.

Challenges
- Data quality
- Data sharing and translation
- Data access
- Defining data and what to share
- Data security
- Federal mandates and awareness
- Funding mandates and graduate students and publication charges
- IRB process, getting help
  - An example of FRDS: use ML algorithms for identification of subgroups of populations being harmed by a particular treatment. This requires a causal model for reality.
  - Access to DS principles in languages other than English, non-WEIRD countries
  - Subject matter expert vs data expert. Infrastructure needs to include data experts, scientists to work with subject researchers on data science, programming, sharing, et al.
  - Most significant barrier: Access to data—open science, equity, funding
  - A lot of potential collaborations….and challenges. Broad research interests including LLMs, autonomous vehicles, voice assistants, social media data analysis, and privacy. A lot of areas of collaboration including linking large data set analysis to social problems, sharing data publicly and globally while maintaining privacy and accounting for hidden variables—also known as bias.
## Appendix H: Research Deans Roundtables

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<td>Marybeth Gasman</td>
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<td>Andrew Peterson</td>
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<td>Graduate School of Applied and Professional Psychology</td>
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<td>Wade K. Trappe</td>
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<td>School of Engineering</td>
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### School of Arts & Sciences Divisional Deans

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<tr>
<td>Robin Leichenko</td>
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<td>School of Arts and Sciences</td>
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<tr>
<td>Rebecca Walkowitz</td>
<td>Dean of Humanities</td>
<td>School of Arts and Sciences</td>
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<tr>
<td>Thu Nguyen</td>
<td>Dean of Mathematical and Physical Sciences</td>
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<tr>
<td>Lori Covey</td>
<td>Dean of Life Sciences</td>
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### Meeting Topics

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<td>13-Sep-22</td>
<td>NIH R01 Writing Academy; PST updates (Climate; CI/DS); Provost Faculty Research Leadership Fellows nominations</td>
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<td>11-Oct-22</td>
<td>New Rutgers collaborations indirect policy; tour of Alexander Library; Research Ideation Forum: ML/Al Team abstract call</td>
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<tr>
<td>8-Nov-22</td>
<td>Center/Institute reviews; Leadership retreat debrief; NB/RBHS mixer</td>
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<tr>
<td>13-Dec-22</td>
<td>Diane Ambrose, PhD presentation on Data Management and Sharing Plans; Visiting Scholar collaborations; Center/Institute reviews</td>
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<tr>
<td>14-Feb-23</td>
<td>Research Ideation Forum: Learning &amp; Work; Cost Shares</td>
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<tr>
<td>14-Mar-23</td>
<td>F &amp; A Waivers; Center/Institute Reviews</td>
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<tr>
<td>9-May-23</td>
<td>Center/Institute Reviews; APLU IEP Designation: Innovation and Economic Prosperity Self-Study; New Office for Research Website—faculty feedback</td>
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<td>13-Jun-23</td>
<td>Invited to Research Ideation Forum on the Future of Learning &amp; Work</td>
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<td>11-Jul-23</td>
<td>APLU Innovation &amp; Economic Prosperity University Designation (Peggy Brennan-Tonetta, PhD, and Amy Mandelbaum); LSA PST update; SAM Registration/New Fringe Rates (Diane Ambrose, PhD, and Lamar Oglesby)</td>
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Appendix I: Provost Leadership Research Faculty Fellows

Monthly Scheduled Meetings
January 24, 2023
February 7, 2023
March 7, 2023
March 21, 2023
April 18, 2023
May 2, 2023
May 16, 2023
May 30, 2023

Strategic Initiatives for Provost Leadership Research Faculty Fellows

Andrea Hetling, PhD
Professor
Bloustein School of Planning and Public Policy

Since beginning as a Provost Research Leadership Fellow in January 2023, Andrea has worked primarily on the OVPR strategic initiative related to publicly engaged and community-engaged scholarship (PCES). Andrea is an active member of the Chancellor Provost’s task force on the topic. In addition to attending the full meetings, Andrea met individually with task force members and colleagues from across the University to develop a more inclusive definition of PCES. Working closely with both task force members and the OVPR leadership team, Andrea assisted with writing the task force report, which will be completed at the start of FY 24. Andrea also attended Research Dean meetings and other events as her schedule permitted, and she has greatly enjoyed learning about the research enterprise and associated supports across the New Brunswick campus.

Harini Sampath, PhD
Associate Professor
Department of Nutritional Sciences and New Jersey Institute for Food, Nutrition, and Health (IFNH)

Harini began her tenure as a Provost Research Leadership Fellow in January 2023. Her primary focus has been the expansion of access and inclusivity to Undergraduate Research at Rutgers. In this regard, she has been working actively with members of the Undergraduate Research Council to plan and launch the inaugural Rutgers Undergraduate Research Discovery Day, to be held on September 15, 2023, with follow-up events being planned throughout the Fall 2023 Success Week and the following academic year. Harini has benefited greatly from her numerous interactions with the talented undergraduate researchers that she has mentored at Rutgers and hopes to channel some of the lessons learned into generating student awareness of the multitude of research opportunities and avenues available to them during their undergraduate careers at Rutgers. In addition to her efforts surrounding Undergraduate Research, Harini has greatly enjoyed her interactions with her immediate mentors, Vice Provosts Denise Hien and Jean Baum, and getting to know the New Brunswick Research Deans through attendance at their monthly meetings.
Valerie Tutwiler, PhD  
Assistant Professor  
School of Engineering

Valerie started as a Provost Leadership Research Fellow in January 2022 with the goal of contributing to the promotion of multidisciplinary collaborations at the university level and gaining insights into academic leadership. During this time, she has contributed to a variety of initiatives such as Ideation Forums, Speed Networking events, grant application reviews, and the Provost Strategic Task Force on the Life Science Alliances. Her first objective was helping to bring back Ideation Forums after the COVID-19 pandemic; these events are half-day symposium-style meetings that allow research ideas to be presented, funding opportunities to be identified, and collaborations to be built. Ultimately, they culminate in the submission and review of seed funding proposals. While spearheading the Spring 2022 Ideation Forum on Gun Violence Research, she learned the importance of balancing diverse research perspectives to ensure that the research being highlighted during this event was inclusive and crosscutting. This experience was particularly beneficial as she had the opportunity to work side-by-side with Vice Provost for Research, Denise Hien; this has been an invaluable experience for the development of Valerie’s leadership perspective. The planning involved in this Ideation Forum provided the groundwork for two additional forums (Fall 2022 and Spring 2023) with more in the works; she has been involved with the organization of these forums to varying degrees. In Fall 2022, she helped to initiate a Pilot Speed Networking Event in partnership with the School of Engineering, where they organized an hour of roundtable-guided networking followed by an hour of open networking. This event helped highlight the importance of bringing together researchers who might not normally engage as a means of promoting the generation of new ideas. This successful pilot event has been the foundation for other Speed Networking events as well. Currently, Valerie is heavily involved with the development of the Provost Strategic Taskforce on the Life Science Alliances, whose outcomes will provide insights into and new directions for the life sciences landscape at Rutgers University–New Brunswick, strategize critical partnerships, and identify access and infrastructure needs. Working with Vice Provost for Life Sciences Research and Partnerships, Jean Baum, on this taskforce has provided Valerie with the opportunity to gain leadership experience on a large yearlong endeavor while gaining perspective on working across the university to build an inclusive, diverse, and representative taskforce. Collectively, these experiences have demonstrated to Valerie the critical challenges that face academic leadership as they work to ensure that everyone’s voice is represented across the university. As a pre-tenure faculty member, this opportunity to work on service at a university level will greatly impact Valerie’s career and her ability to support multidisciplinary research across the university. Moreover, the leadership skills and perspective that she has and will gain from working directly with Vice Provosts Hien and Baum are instrumental for her continued growth as a leader and will impact her research career as well.
## Appendix J: NIH Academy Inaugural Members

### Founding Director

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheila Borges Rajguru</td>
<td>Director for Research Development &amp; Strategy</td>
<td>Rutgers—NB Office of the Vice Provost for Research</td>
</tr>
</tbody>
</table>

### Faculty Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yen-Tyng Chen</td>
<td>Assistant Professor</td>
<td>Bloustein</td>
</tr>
<tr>
<td>Kimberly Cook-Chennault</td>
<td>Associate Professor</td>
<td>School of Engineering</td>
</tr>
<tr>
<td>Meghan A. Deshais</td>
<td>Assistant Professor</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Rachel John</td>
<td>Assistant Professor</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Maria Koskan Venetis</td>
<td>Associate Professor</td>
<td>School of Communication &amp; Information</td>
</tr>
<tr>
<td>Yang Luy</td>
<td>Assistant Professor</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Angela Malorni</td>
<td>Assistant Professor</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Kristen E. Riley</td>
<td>Assistant Professor</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Kristina M. Scharp</td>
<td>Assistant Professor</td>
<td>School of Communication &amp; Information</td>
</tr>
<tr>
<td>Charles R. Senteio</td>
<td>Associate Professor</td>
<td>School of Communication &amp; Information</td>
</tr>
<tr>
<td>Igor Shmarakov</td>
<td>Assistant Professor</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
</tr>
<tr>
<td>Max Tischfield</td>
<td>Assistant Professor</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Valerie Tutwiler</td>
<td>Assistant Professor</td>
<td>School of Engineering</td>
</tr>
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</table>

*Photo of Inaugural Faculty at Meet-and-Greet*
### Research Development Professionals (Staff)

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
</tr>
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<tbody>
<tr>
<td>Lynn Agre</td>
<td>Associate Director of the RBS Office for Research and Grants Administration</td>
<td>Rutgers Business School</td>
</tr>
<tr>
<td>Nathalie Bernard</td>
<td>Business Manager</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Cecilia Gal</td>
<td>Research Development Specialist</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>Anthony Gardner</td>
<td>Director, Finance</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Elaine Griffin</td>
<td>Manager Compliance &amp; Quality Control</td>
<td>New Jersey Agricultural Experiment Station/School of Environmental and Biological Sciences</td>
</tr>
<tr>
<td>Ronnette Henry</td>
<td>Research Project Coordinator</td>
<td>School of Communication &amp; Information</td>
</tr>
<tr>
<td>Monika Incze</td>
<td>Grant Facilitator</td>
<td>School of Engineering</td>
</tr>
<tr>
<td>Jayshree Mariwala</td>
<td>Business Manager</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Attila Medl</td>
<td>Director of Research and Sponsored Programs</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Olufunke Odukoya</td>
<td>Business Specialist</td>
<td>Edward J. Bloustein School of Planning and Public Policy</td>
</tr>
<tr>
<td>Zsofia Pal</td>
<td>Director of Finance &amp; Operations</td>
<td>School of Arts and Sciences</td>
</tr>
<tr>
<td>Melissa Schmidt</td>
<td>Program Development Specialist</td>
<td>Office of the Vice Provost for Research</td>
</tr>
<tr>
<td>Maria Skidmore</td>
<td>Administrative Coordinator</td>
<td>Chancellor’s Office</td>
</tr>
<tr>
<td>Lisette Smith</td>
<td>Department Administrator</td>
<td>Graduate School of Applied and Professional Psychology</td>
</tr>
<tr>
<td>Karen Wilson</td>
<td>Grant Operations Specialist</td>
<td>Chancellor’s Office</td>
</tr>
<tr>
<td>Craig Winston</td>
<td>Editor/Writer</td>
<td>School of Communication &amp; Information</td>
</tr>
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</table>

*Photo of Inaugural Research Development Professionals at Retreat*
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Theme</th>
</tr>
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<tbody>
<tr>
<td>14-Apr-23</td>
<td>NIH Meet &amp; Greet</td>
<td>NIH Faculty, Research Development Professionals, School Deans, Research Deans, OVPR, and Chancellor Conway celebrated the first meeting of the inaugural academy members.</td>
</tr>
<tr>
<td>7-Jul-23</td>
<td>Research Development Professionals NIH Working Session 1</td>
<td>RDP NIH Academy members convened to work on their weekly curricular plans.</td>
</tr>
<tr>
<td>28-Jul-23</td>
<td>Research Development Professionals NIH Working Session 2</td>
<td>RDP NIH Academy members convened to work on their weekly curricular plans.</td>
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<tr>
<td>Aug-23</td>
<td>Research Development Professionals NIH Working Sessions 3 and 4</td>
<td>RDP NIH Academy members to convene at least two times in August to work on their weekly curricular plans.</td>
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<tr>
<td></td>
<td><strong>Fall Course Series</strong></td>
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<tr>
<td>8-Sept-23</td>
<td>NIH Review Criteria</td>
<td>Overview of NIH. Identifying the right Institute for my work; NIH Reporter</td>
</tr>
<tr>
<td>15-Sept-23</td>
<td>How do I know which Institute is a good fit for my research agenda?</td>
<td>Bring your Specific Aims Page draft</td>
</tr>
<tr>
<td>22-Sept-23</td>
<td>Specific Aims Page: Writing Session</td>
<td>Bring your Specific Aims Page draft</td>
</tr>
<tr>
<td>29-Sept-23</td>
<td>Specific Aims Page: Writing Session</td>
<td>Specific Aims Page- Swap with an assigned colleague</td>
</tr>
<tr>
<td>6-Oct-23</td>
<td>Contacting a Program Officer: Strategies for Success</td>
<td>How to draft a Research Strategy; Literature Reviews, how to split tasks with collaborators effectively.</td>
</tr>
<tr>
<td>13-Oct-23</td>
<td>Research Strategy: Writing Session</td>
<td>How to create the best figures/tables-what software to use?</td>
</tr>
<tr>
<td>20-Oct-23</td>
<td>Research Strategy: Writing Session</td>
<td>How to create the best figures/tables-what software to use?</td>
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<tr>
<td>27-Oct-23</td>
<td>Budget Strategy</td>
<td>RU Budget Template Justification</td>
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<tr>
<td>3-Nov-23</td>
<td>Building Collaborations: Consultants versus Co-Investigators Letters of Support</td>
<td>Participants learn how to write letters of support for their consultants, Co-Is, and other personnel. Scope of work documents.</td>
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<tr>
<td>10-Nov-23</td>
<td>How to organize my application pre-award</td>
<td>Reference software, cloud storage, To Do's table</td>
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<tr>
<td>17-Nov-23</td>
<td>Human Subjects/Clinical Trials Section</td>
<td></td>
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<tr>
<td>1-Dec-23</td>
<td>Research Strategy: Writing Session</td>
<td>Group work- PIs share their research strategies with each other for input</td>
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<tr>
<td>8-Dec-23</td>
<td>Biosketch</td>
<td>Participants will learn how to create their Biosketches, which are reviewed and scored</td>
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<tr>
<td>15-Dec-23</td>
<td>NIH Data Management and Sharing Policy/Awarded: Next Steps</td>
<td></td>
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<tr>
<td>TBD</td>
<td>Trip to NIH to meet with Program Officers</td>
<td>Hosts: Jack Goodman &amp; Libby O’Hare; Lewis-Burke Associates</td>
</tr>
</tbody>
</table>
Appendix K: Chancellor Challenge Awards

Cyberinfrastructure and AI for Science and Society (CASS)*
*Formerly known as Cyberinfrastructure for AI for Science & Engineering (CASE)
Shantenu Jha; Professor of Computer Engineering, School of Engineering
Alyson Brooks, Associate Professor of Physics and Astronomy, School of Arts and Sciences

Notice Nature: An Art-Science Collaboration in Support of Student Wellness
Rebecca Cypess, Associate Dean for Academic Affairs and Associate Professor of Music, Mason Gross School of the Arts
Mary Nucci, Assistant Dean for Campus Engagement and Assistant Research Professor, School of Environmental and Biological Sciences

Planning for a Future Full-Feature Net-Zero Wind Energy Test (WET) Center
Onur Bilgen, Associate Professor of Mechanical and Aerospace Engineering, School of Engineering
Josh Kohut, Co-founder of the Center for Ocean Observing Leadership and Professor of Marine Science, School of Environmental and Biological Sciences

Transforming Climate Change Scholarship at Rutgers–New Brunswick
Julie Lockwood; Interim Director of the Rutgers Institute of Earth, Ocean, and Atmospheric Sciences and Professor of Ecology, Evolution, and Natural Resources; School of Environmental and Biological Sciences
Robin Leichenko, Associate Dean of Social and Behavioral Sciences and Professor of Geography, School of Arts and Sciences
### Summary

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>CLU</th>
<th># people</th>
<th># of Schools/departments</th>
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<tr>
<td>22-Sep-22</td>
<td>Speed Networking: SOE</td>
<td>NB/OfR</td>
<td>51</td>
<td>8 departments</td>
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<td>28-Oct-22</td>
<td>Research Deans Retreat</td>
<td>NB/OfR</td>
<td>19</td>
<td>11 NB Schools</td>
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<td>18-Nov-22</td>
<td>NB/RBHS Mixer</td>
<td>NB/RBHS/OfR</td>
<td>31</td>
<td>21 NB/10 RBHS</td>
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<tr>
<td>21-Nov-22</td>
<td>Research Ideation Forum: ML/AI</td>
<td>NB/RBHS/Newark/OfR</td>
<td>81</td>
<td>6 NB Schools</td>
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<tr>
<td>11-Apr-23</td>
<td>Champions Meeting: Life Sciences Alliance</td>
<td>NB</td>
<td>27</td>
<td>13 NB schools/institutes</td>
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<td>14-Apr-23</td>
<td>NIH Meet and Greet</td>
<td>NB</td>
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<td>2-May-23</td>
<td>Speed Networking: Fair and Responsible DS</td>
<td>NB</td>
<td>50</td>
<td>10 NB schools/departments</td>
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<td>9-May-23</td>
<td>Research Development Retreat</td>
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<td>18-May-23</td>
<td>Executive Steering Committee Meeting for LSA</td>
<td>NB</td>
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### Events Invited Speakers

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<thead>
<tr>
<th>Speaker</th>
<th>Event(s)</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Romayne Botti, MBA, Vice Chancellor for Finance</td>
<td>Research Deans Retreat, October 28, 2022</td>
<td>Responsibility Center Management (RCM) Budget Model</td>
</tr>
<tr>
<td>Ralph Gigliotti, PhD, Assistant Vice President for Strategic Programs, Office of University Strategy and Director, Rutgers Center for Organizational Leadership</td>
<td>Research Deans Retreat, October 28, 2022</td>
<td>Higher Education Leadership</td>
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<tr>
<td>Hila Berger, MPH, CHC, CIP, Assistant Vice President, Research Regulatory Affairs</td>
<td>Research Deans Retreat, October 11, 2022</td>
<td>New eCOI+ System</td>
</tr>
<tr>
<td></td>
<td>Research Deans Meeting, October 28, 2022</td>
<td>Responsible Conduct Research</td>
</tr>
<tr>
<td>Christine Goldthwaite, PhD, Associate Director, Rutgers Center for Organizational Leadership</td>
<td>Research Deans Retreat, October 28, 2022</td>
<td>What does the literature say? Best practices for Interdisciplinary Research</td>
</tr>
<tr>
<td></td>
<td>Research Development Retreat, May 9, 2023</td>
<td>Communication Fundamentals—Productive Conversations to Get Things Done</td>
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<tr>
<td>Diane Ambrose, PhD, Executive Director &amp; Letitia Dean, MPA, CRA, Assistant Director</td>
<td>Research Deans Meeting, December 13, 2022</td>
<td>NIH's requirements for Data Management and Sharing Plans</td>
</tr>
<tr>
<td>Margaret Swarbrick, PhD, Associate Director, Center of Alcohol &amp; Substance Use Studies Research Professor, Graduate School of Applied and Professional Psychology</td>
<td>Research Development Retreat, May 9, 2023</td>
<td>Self-Care Practices &amp; Strategies</td>
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<tr>
<td>Name</td>
<td>Event Details</td>
<td>Topic</td>
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<tr>
<td>----------------------------------------------------------------------</td>
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<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Susan Gould Fogerite, PhD, MT, CYT, Professor Emeritus, Clinical Laboratory and Medical Imaging Sciences and Physician Assistant Studies and Practice, School of Health Professions</td>
<td>Research Development Retreat, May 9, 2023</td>
<td>Self-Care Practices &amp; Strategies</td>
</tr>
<tr>
<td>Laura Palumbo, Chemistry &amp; Physics Librarian and Science Data Specialist, RU-NB Libraries</td>
<td>Research Development Retreat, May 9, 2023</td>
<td>NIH Data Management and Sharing Policy (DMSP)</td>
</tr>
<tr>
<td>Anthony Gardner, MBA, CRA, Director of Finance &amp; Budget Planning, SAS</td>
<td>Research Development Retreat, May 9, 2023</td>
<td>RCM Budget Model</td>
</tr>
<tr>
<td>Dee Magnoni, Associate University Librarian, Rutgers University-New Brunswick New Brunswick Libraries</td>
<td>Research Ideation Forum on the Future of Learning &amp; Work, June 13, 2023</td>
<td>Moderator</td>
</tr>
<tr>
<td>James Abello Monedero, PhD Associate Professor Department of Computer Science School of Arts and Sciences</td>
<td>Research Ideation Forum on ML/AI, November 21, 2022</td>
<td>Moderator</td>
</tr>
<tr>
<td>Ruobin Gong, PhD Assistant Professor Department of Statistics School of Arts and Sciences</td>
<td>Research Ideation Forum on ML/AI, November 21, 2022</td>
<td>Moderator</td>
</tr>
<tr>
<td>Sarah Shugars, PhD Assistant Professor Department of Communication School of Communications and Information</td>
<td>Research Ideation Forum on ML/AI, November 21, 2022</td>
<td>Moderator</td>
</tr>
<tr>
<td>Marybeth Gassman, PhD Samuel DeWitt Proctor Endowed Chair in Education University Distinguished Professor Associate Dean for Research, Rutgers Graduate School of Education Chair, Rutgers University-New Brunswick Faculty Council</td>
<td>Research Ideation Forum on the Future of Learning &amp; Work, June 13, 2023</td>
<td>Today’s College Students and How Faculty Can Support Them</td>
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<tr>
<td>Rebecca Cypess, PhD Associate Dean for Academic Affairs Associate Professor Mason Gross School of the Arts</td>
<td>Research Ideation Forum on the Future of Learning &amp; Work, June 13, 2023</td>
<td>Fostering College Students’ Sense of Wonder Through the Arts</td>
</tr>
<tr>
<td>Jack Goodman, Senior Associate Lewis-Burke Associates, LLC</td>
<td>Research Ideation Forum on ML/AI, November 21, 2022</td>
<td>AI/ML Research Federal Funding Landscape</td>
</tr>
</tbody>
</table>
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Old Queens
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New Brunswick, New Jersey 08901
nb-research@rutgers.edu