



RUTGERS UNIVERSITY
School of Graduate Studies

Biomedical Sciences PhD and MS Orientation

Janet Alder, PhD

Assistant Dean Graduate Academic and Student Affairs, SGS
Assistant Vice Chancellor for Postdoctoral Affairs, Rutgers Health
Associate Professor Neuroscience and Cell Biology, RWJMS

August 26, 2026

Agenda for today

- 9:00-10:00 – Overview of resources and opportunities for biomedical graduate students (Janet Alder)
- 10:00-10:10- EDGE program (Loren Runnels and Tracy Scott)
- 10:20-10:30 - Graduate Student Life (Kelly Martini-Hazard)
- 10:30-10:45 Graduate Student Organizations
- 10:45-11:00 Ice Breaker and Group Picture
- 11:00-12:30 Other resources
 - Libraries (Yingting Zhang)
 - Wellness Services (Shan Reeves)
 - Student Health (Mark Cruz)
 - Graduate Student Services Learning Center (Wilson Ng)
 - Office of Disability Services (Nychey Michel)
 - Office of Employment Equity (David Sparnroft)
 - Violence Protection and Victims Assistance (Maddy Zijdel)
 - Recreation (Stacy Trukowski and Anne Finetto)
 - Transportation/Parking (Magen Davies, John Karakoglou, Rolando Feliz)
 - Scientific Integrity and Oath (Janet Alder)
- 12:30-1:15 Pizza lunch
- 1:15-2:30 Tour of Busch Campus



Staff of the School of Graduate Studies – Biomedical and Health Sciences in New Brunswick/Piscataway

RWJMS Research Tower R-102

James Millonig, PhD, Senior Associate Dean



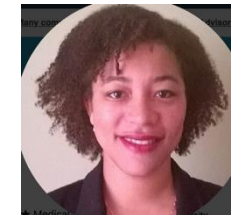
Janet Alder, PhD, Assistant Dean of Graduate Academic and Student Affairs



Smita Thakker-Varia, PhD, Assistant Dean of Graduate Academic and Student Affairs

Loren Runnels, PhD, Assistant Dean of Education

Tracy Scott, PhD, Special Projects Coordinator
tracy.e.scott@rutgers.edu



Tina Marottoli – Registration, graduation
tina.marottoli@rutgers.edu



Johanna Sierra – Masters programs
sierrajo@rutgers.edu



Website for Biomedical Sciences

<https://grad.rutgers.edu/academics/graduate-programs/biomedical-and-health-sciences-all-degree-programs>



Biomedical and Health Sciences - All Degree Programs

New Brunswick | Piscataway, NJ

[→ Apply](#)

Biomedical and Health Sciences - All Degree Programs

- Prospective Graduate Students
- Initiative for Maximizing Student Development
- Master's Degree Programs
- Ph.D. Programs
- M.D./Ph.D. Program
- Certificate Programs
- Current Graduate Students
- Predoctoral Fellowships and Training Grant Resources
- Career Development + Academic Services
- Graduate Student Organizations

Home → Academics → Graduate Programs → **Biomedical and Health Sciences - All Degree Programs**

Welcome to the Biomedical and Health Sciences Graduate Programs

Preparing You For Success

The Rutgers University Biomedical and Health Sciences graduate programs in New

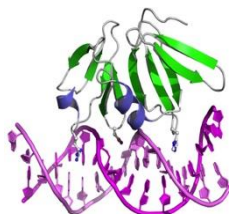


Biomedical Science Programs in New Brunswick/Piscataway

Molecular Biosciences Umbrella Program



Cell and Developmental Biology



Biochemistry and Molecular Biology



Cellular and Molecular Pharmacology



Physiology and Integrative Biology



Molecular Genetics and Microbiology

Individual Graduate Programs



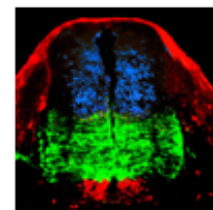
Biomedical Engineering



Exposure Science and Assessment



Toxicology



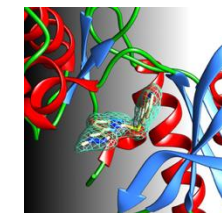
Neuroscience



Public Health



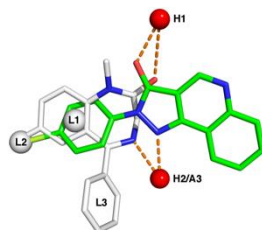
Nursing



Quantitative Biomedicine



Pharmaceutical Sciences



Medicinal Chemistry



Microbial Biology



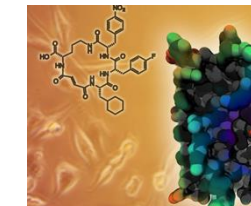
Endocrinology and Animal Biosciences



Nutritional Sciences



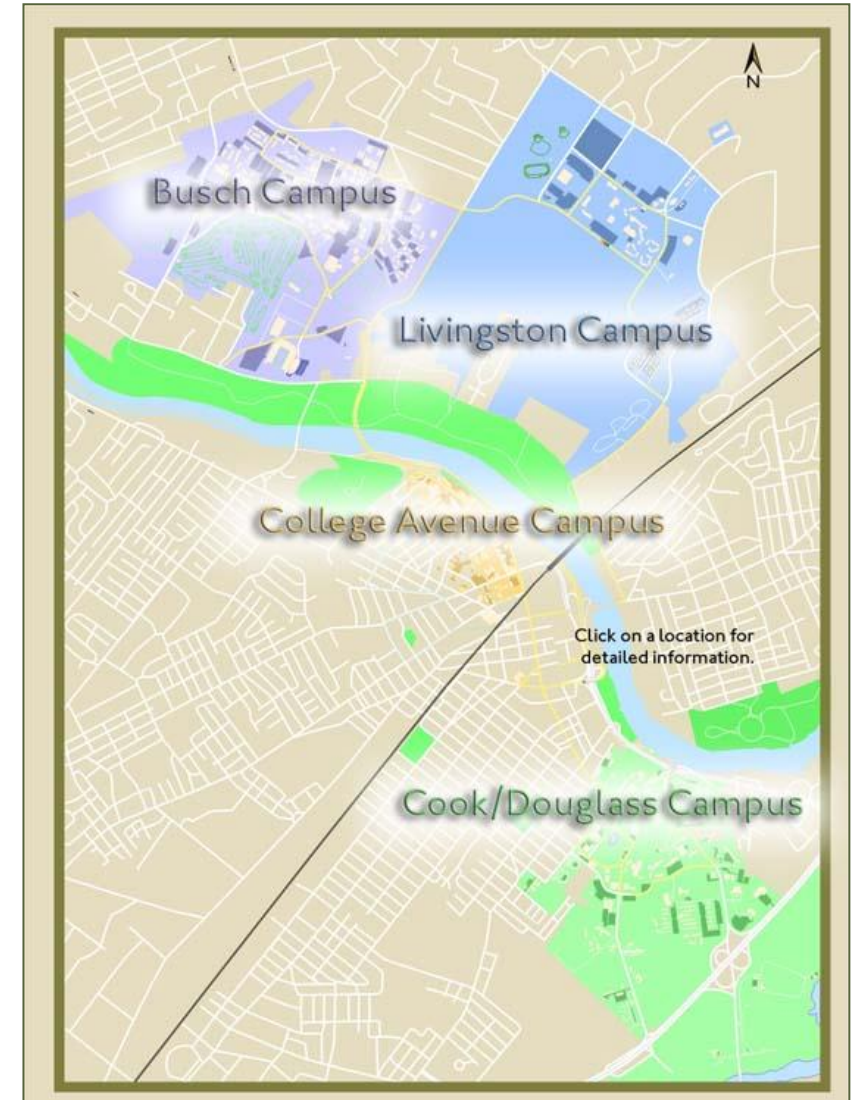
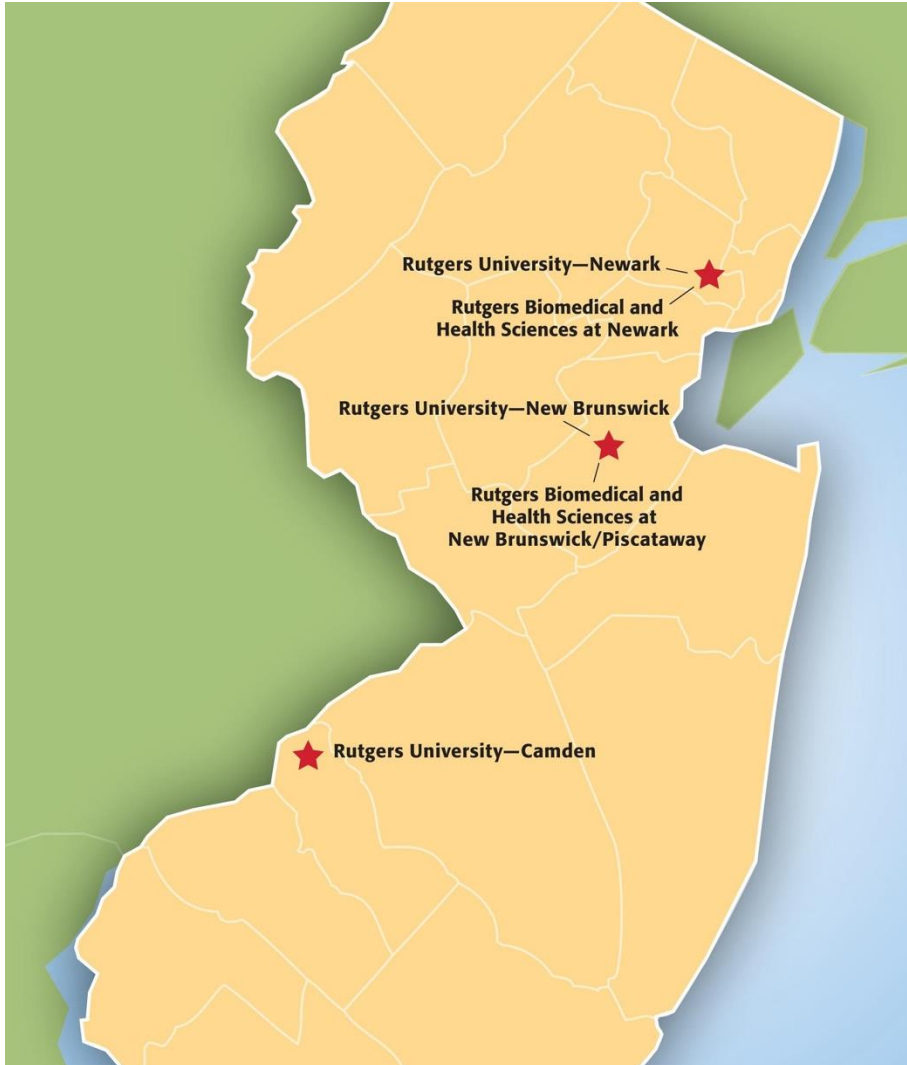
Chemical Biochemical Engineering



Chemistry and Chemical Biology

Rutgers University Locations in New Jersey

New Brunswick/Piscataway Campuses





Chemistry and Chemical Biology



Nelson Labs

Life Sciences



Psychology



Pharmacy School



Waksman Institute



Biomedical Engineering



Environmental and
Occupational
Health Science
Institute



Center for
Advanced
Biotechnology
and Medicine



Robert Wood Johnson
Medical School
Research Tower
and Research Building





Rutgers Cancer
Institute



Clinical Academic
Building



School for
Environmental
and Biological
Sciences



Piscataway

Busch Campus

Livingston Campus

Raritan River

College Avenue Campus

Click on a location for
detailed information.

New Brunswick

Cook/Douglass Campus



The HELIX



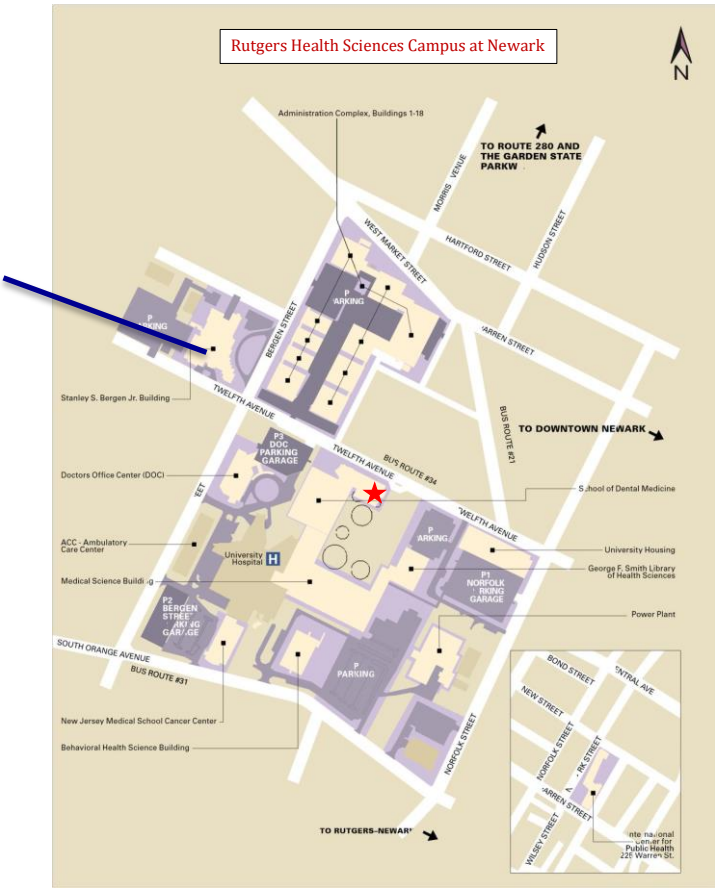
The Child Health
Institute for Basic and
Clinical Research

Newark Health Sciences Campus

Newark Campus



Bergen Building



Ackerson Hall

Rutgers Facts



- Member of Association of American Universities and Big10 Academic Alliance
- Ranked 65th of 2000 to world universities 2026 by the Center for World University Rankings
- Rutgers brings more federal research dollars to New Jersey than all other New Jersey colleges and universities combined
- Top 5% of American universities in science and engineering research and development expenditures
- \$993 million in research grants and sponsored programs received in annually
- 450 clinical trials supported at any given time



University of Illinois
Indiana University
University of Iowa
University of Maryland
University of Michigan
Michigan State University
University of Minnesota
University of Nebraska-Lincoln
Northwestern University
Ohio State University
University of Oregon
Pennsylvania State University
Purdue University
Rutgers University-New Brunswick
University of California Los Angeles
University of Southern California
University of Washington
University of Wisconsin-Madison



Our faculty hold prestigious positions

Rutgers has more faculty in the National Academy of Sciences and the American Academy of Arts and Sciences than any other public peer school in the Northeast.

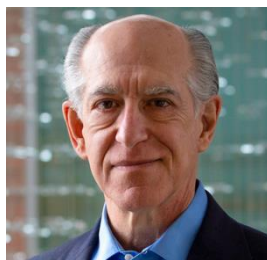
Paul Copeland



Shawna Hudson



Manny DiCicco-Bloom



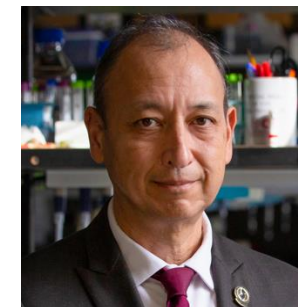
Tara Matise



Renping Zhou



Andy Singson



Maria Dominguez- Bello



Ken Irvine



Monica Driscoll



Richard Ebright



Arnold Rabson



Suzie Chen



Eileen White



Cheryl Dreyfus



Andrew Gow



Chris Molloy



Monica Roth



Martin Yarmush



Rutgers houses world-renowned resources



- Largest DNA and cell repository in the world for the study of genetics and autism, mental health, drug abuse, alcoholism, diabetes, and digestive and kidney disease.



- Host to the Protein Data Bank, the single worldwide repository for 3D protein structures.



- A 574,000-square-foot, \$732 million project to bring scientists, doctors and patients together opening 2026

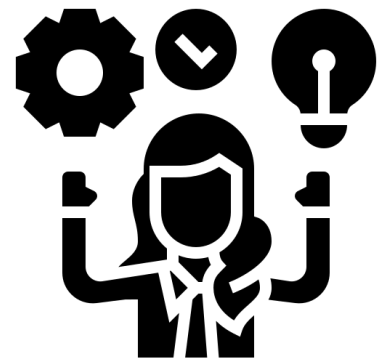


RUTGERS UNIVERSITY
School of Graduate Studies

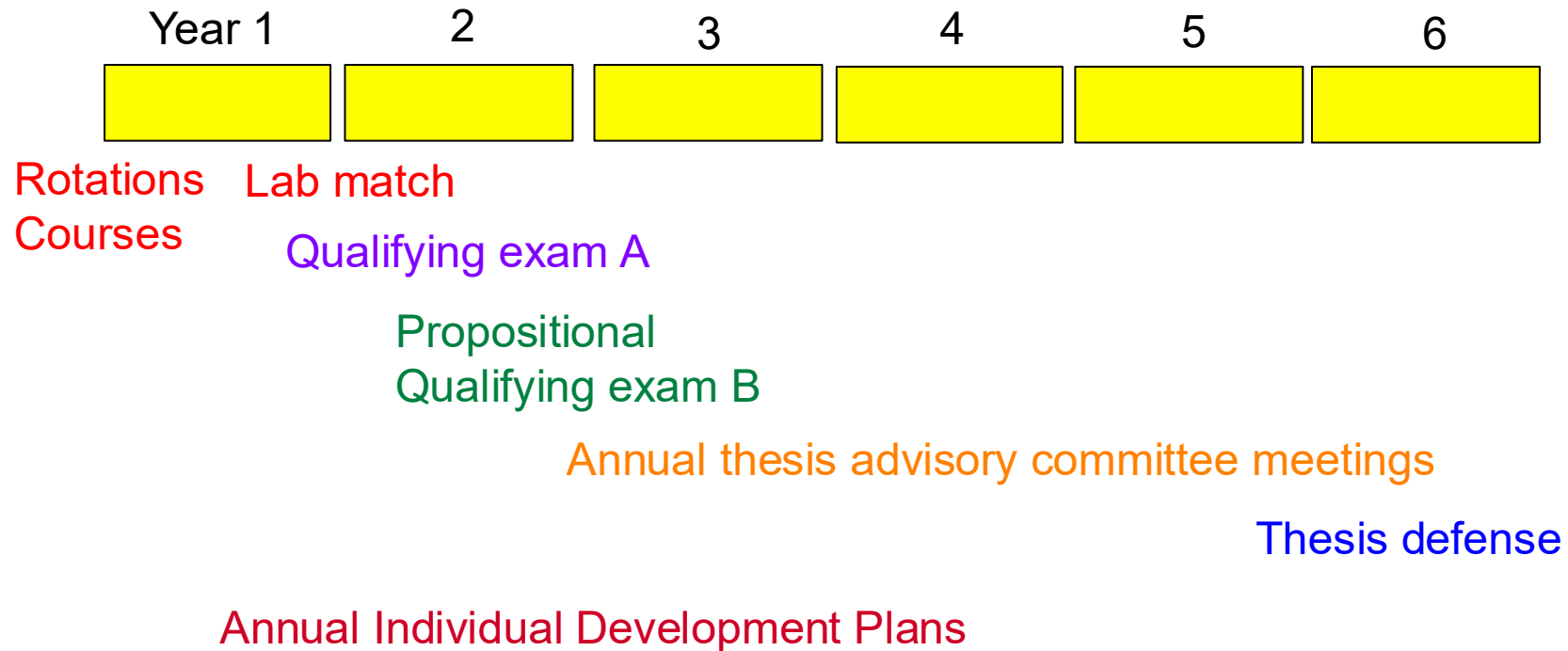
Your Education and Academic Resources

Competencies learned in graduate school – transferrable skills to all careers

- **Broad conceptual knowledge** - core courses
- **Deep knowledge of a specific field** - upper level courses, thesis work, and journal clubs
- **Critical thinking** - reading papers, planning experiments, reviewing grants and manuscripts. **Manuscript and grant writing workshops and groups**
- **Experimental skills** - rotations and thesis lab, collaborations
- **Responsible conduct of research** – **Ethical Scientific Conduct initial and refresher**
- **Rigor and reproducibility** - **Biostatistics classes**
- **Computational skills** – Computational courses and **Certificate in Computational Biology**
- **Collaboration/Teamwork** – working with other labs and within lab, **join student organizations**
- **Management skills** - manage your own project, **Individual Development Plans, mentor undergraduates**
- **Professionalism skills** - **interact with faculty and peers (AAMC documents)**
- **Leadership skills** – **volunteer for events and student organizations, iJOBS**
- **Communication skills** - presentations in lab, university, and national meetings, writing manuscripts and fellowships, Research Café, 3 Minute Thesis Competition, **Communicating science class**



Typical timeline



Statistics:

Time to defense: ~5.7 years

of publications: ~3 papers, ~1.4 first author

Managing your relationship with your PI - Documents to review together



Individual Development Plans (IDP)

- Educational research has shown that IDPs increase productivity
- NIH requires IDPs for all training grants and NIH Office of Management and Budget sent notice that grad students have dual roles and must engage in both training and career development.
- **First** and third year graduate students will do the AAAS online IDP (<http://myidp.sciencecareers.org/>) and upload to Canvas by May 31, 2027
- Second and fourth year graduate students will complete Rutgers IDP and meet with an professional in potential career area.
 - Milestones and expectations for each year of grad school
 - SMART goals (Specific, Measurable, Achievable, Relevant, Time-Bound)



Training Grants (T32) to Support PhD Students

- NJ Alliance for Clinical and Translational Science (NJ ACTS) <https://njacts.rbhs.rutgers.edu/education-training/workforce-development/tl1-predocdoctoral-postdoctoral-training-awards/>
- Biotech training program <https://biotechnology.rutgers.edu/>
- Initiative for Maximizing Student Development <https://grad.rutgers.edu/academics/graduate-programs/biomedical-and-health-sciences-all-degree-programs/initiative-maximizing-student-development>
- Environmental Toxicology <https://jgpt.rutgers.edu/>
- Training in Translating Neuroscience to Therapies <https://rwjms.rutgers.edu/institutes/institute-for-neurological-therapeutics/mission>
- Training in Addiction Research <https://www.addiction.rutgers.edu/announcing-a-new-nida-funded-t32-pre-postdoctoral-research-training-program-in-neuroscience/>



Some Recent Pre-doctoral Fellowship Awardees

NIH F99/K00

Elaheh Hosseini

PhRMA Foundation

Masuda Akther

Salman Sirajee

NJ Commission on Brain Injury Research

Xinnian Jiang

Alice Butera

Rachel Tang

NJ Commission on Cancer Research

Christopher Alcott

Emily Hyde

Samuel Tunddealao

NJ Commission on Spinal Cord Research

Alana Martinez

Barbara Gruszka

Prarthana Gowda

American Heart Association

Esther Ko

NIH F31

Kim Izarraras

Jordan Lee

Rebecca Shear

Tess Kowalski

Christine Kim

Francesca Lofaro

NSF GRFP

Rachel Weirnick

Howard Hughes Medical Institute (HHMI) Gilliam Fellowship (recent

Irving Estavez

Fellowship Applications Overview - Upcoming Workshop with Grad Fund



Fellowship Application Workshop for Biomedical PhD Students



**Wednesday September 16, 2026
3:00 – 5:00pm**

Register

https://rutgers.ca1.qualtrics.com/jfe/form/SV_cPbn0N9eQyC4AgS

Join Via Zoom

<https://rutgers.zoom.us/my/alderja> Passcode: Janet



This workshop will include presentations by:

- 1) GradFund on how to use their resources at Rutgers for identifying fellowship opportunities and applying for them.
- 2) A faculty member who serves on NIH study section and reviews fellowship applications with pointers on what reviewers are looking for.
- 3) A panel of graduate students and their mentors who have successfully obtained funding in the past few years from various organizations.

For more information contact Dr. Janet Alder janet.alder@rutgers.edu



- Over \$100 million in external fellowships and awards in the last 22 years
- Help identifying funding sources
- Virtual Office hours
- Help with application logistics
- Feedback, editing, and revising

<https://gradfund.rutgers.edu/funding/gradfund>

Fellowship Applications Working Groups



REGISTER HERE!



Click [here!](#)

Where Should I Start? Building A Research Proposal



April 30th : 12:00-2:00pm Participants will learn about constructing their proposal for submission as a NIH F-series Fellowship Application

All interested students and postdocs are welcome to attend this in-person session in Piscataway at EOHHSI (Room C). Others can participate via Zoom. Lunch will be served at 11:30 am.

Registration Deadline: April 27, 2026



Participants in this workshop will have top priority to join the 10-week fellowship writing group in Fall 2026.

Supported by NIH Grants UM1TR004789, T32ES001748, P30ES005022
NJ ACTS, Rutgers School of Graduate Studies, and Rutgers Health Office for Postdoctoral Affairs

NIH Fellowship Writing Group

Under the guidance of a Grant Writing Coach, construct your NIH fellowship application this Fall.



Who is this Writing Group for?

PhD and MD/PhD students and Postdocs preparing NIH NRSA fellowship applications for the December 2026 or April 2027 deadlines. We typically accept ~25 participants each year.



What is the weekly commitment?

This is an interactive group. You will need to submit application sections each week – and – peer review sections from other participants in addition to the 1-hr live meeting. Plan to commit ~6 to 8 hr effort each week.



Where and when do I sign up?

Sign up at the QR code. Limited spots!



Are participants successful in obtaining their NIH fellowship?

Yes! Successful examples are available to participants. Some recent awardees include:

F32GM140669 F31HL160196 F31ES034269
F31ES032319 F31NS122438



**All meetings are
Tuesdays 12 pm EST
starting Sept 15th**

**Sign-up
by Aug 25**

Note: Applicants for NIH fellowships must be a US citizen or permanent resident to apply.
Questions? Email Yasheca Ebanks at yebanks@shp.rutgers.edu

- GSBS 9300 Independent Study Course for NIH Fellowship Writing Group in Fall
- 16:681:601 Grant Writing Basics spring course
Guidance and practice in writing a biological research grant proposal focusing on Specific Aims.
- 16:830:504 Advanced Studies in Neuroscience or Psychology to write an NRSA F31 Grant Proposal.
The purpose of the course is to facilitate each student's submission of an F31 application for the December deadline

Fellowship Applications - Resources and support

Boiler plate paragraphs for various sections

<https://grad.rutgers.edu/academics/graduate-programs/biomedical-and-health-sciences-all-degree-programs/predoctoral-fellowships-training-grant-resources>

- RCR training
- Rigor and Reproducibility training
- iJOBS career development program
- Individual Development Plans
- Description of Institutional Environment and Commitment to Training and Additional Educational Information
- Sample successful NIH F applications, NSF, EPA, AHA, NJ state fellowships as well as diversity supplements upon request to Janet Alder



Some recent first author manuscripts by grad students

- **Diego Prado De Maio** Journal of Immunology, July 2026.
- **Jose Cevallos** EMBO reports, June 2026.
- **Nicholas A. Offei** Biochemistry, June 2026
- **Paul M. Kraycer** PLoS One, March 2026.
- **Bassel Ghaddar** Cancer Cell, October 2025.
- **Kimberly Izarraras** Cells, August 2025
- **Chadni Patel** Scientific Reports, July 2025.
- **Jiayu Shen** Molecular Cell, July 2025.
- **Ava V. Papetti** Neuron, April 2025.
- **Inna A. Nikonorova** Nature Communications, March 2025
- **Irving Estevez** Immunity, February 2025
- **Kiranmayi Vemuri** Journal of Biological Chemistry, January 2025.

Courses for writing

Rutgers English Language Institute (RELI) - <https://reli.rutgers.edu/>

Supports multilingual English language learners including Intensive English program and Professional English workshops

Graduate Writing Program - <https://wp.rutgers.edu/gwp/gwp-home>

16:355:506 Writing for Publication

Focuses on overall organization of published work as well as writing and editing at the level appropriate for a journal submission in the student's graduate field.

16:355:508 Writing the Dissertation

Focuses on writing at the level appropriate for a dissertation in the student's respective field.

16:355:502 Graduate Writing Class

Focuses on writing for abstracts, reviews, conferences

16:355:610 Graduate Communication Studio

Focuses on oral communication



Writing Workshops and Ongoing Writing Accountability Groups

Past events

- Unlocking Publishing Success by Strengthening Your Manuscript
- A Systematic Approach to Scientific Writing
- Mastering the Art of Scholarly Publishing
- The Do's and Don'ts of Effective Figure Design
- Top Design Tips for Better Graphical Abstracts
- Manuscript Writing Workshop
- Top Tips for Better Posters
- Best Practices for Depicting Biological Pathways
- Developing an Effective Writing Process in Science

Writing Accountability Groups

Mondays from 2:30-4:30pm in Center for Advanced Biotechnology and Medicine (CABM), 679 Hoes Lane West, Room 241, Busch Campus, Piscataway.

Thursdays from 10am-12pm in Child Health Institute of New Jersey (CHI), 89 French St, Room 4278, New Brunswick Health Science Campus, New Brunswick.

R | RUTGERS UNIVERSITY
Interdisciplinary Job Opportunities
for Biomedical Scientists

A SYSTEMATIC APPROACH TO SCIENTIFIC WRITING

The unofficial motto of academia is “publish or perish”. But a good research agenda always has more to explore. How do we know when to put down the pipette and pick up the pen? This workshop examines the process of scientific writing: how to start and sustain an effective process, manage its various stages, and translate a project into a scientific story.

**Friday
Nov 14, 2025
12:30-2:30pm**

Ardon Shorr teaches science communication for graduate students and postdocs at Princeton University. He holds a Ph.D. in biology, and is a fellow with the national science foundation. He's taught workshops at Harvard, Stanford, South by Southwest, TEDx, the CDC, and the EPA.

Deb Levy is a cognitive neuroscientist and educator specializing in the neural bases of language. She is passionate about brains, words, the human experience, and helping students get excited about their work.



IN-PERSON ONLY
675 Hoes Lane West, RWJMS Research Tower, Deans Conference Room 123, Busch Campus, Piscataway

LUNCH WILL BE SERVED
[Please register here](#)



Communicating Science Course

<https://grad.rutgers.edu/academics/academic-enrichment-programs/communicating-science-course>

- Spring Semester on Wednesdays from 4-7pm
- Important to be able to speak about your research to different audiences
- Grant from Burroughs Wellcome Fund (Ponzio PI)
- Techniques from Alan Alda Center. Faculty from Mason Gross, School of Information & Communication, and Sciences
- 3 Minute Thesis (3MT)
- Capstone project with mentor in field of interest



Responsible Conduct of Research Courses

Ethical Scientific Conduct Course No. 16:115:556 and 15:115:558

<https://grad.rutgers.edu/academics/academic-enrichment-programs/responsible-conduct-research-training>

- These courses complies with NIH guidelines for RCR training.
- Two courses:
 - Initial training for those who have never had RCR previously: format is lecture by content expert for 30 min followed by small group case discussions for 30 min led by faculty. Weekly written assignments. Spring semester on Mondays from 4-5pm
 - Refresher training for those who have had RCR previously to be taken by 5th year PhD students. Four 2 hour sessions of case study discussion. Spring semester on Tuesdays in February from 3-5pm



Statistics Courses for Rigor and Reproducibility Training

<https://grad.rutgers.edu/academics/academic-enrichment-programs/rigor-reproducibility-training>

"Statistics in Biomedical Science" CTSC 5103S. SGS Course number 16:115:557 (index#: 22748) Fall (in-person) and Spring (by Zoom)

"Interdisciplinary Biostatistics" 16:125:578 Spring (in-person)

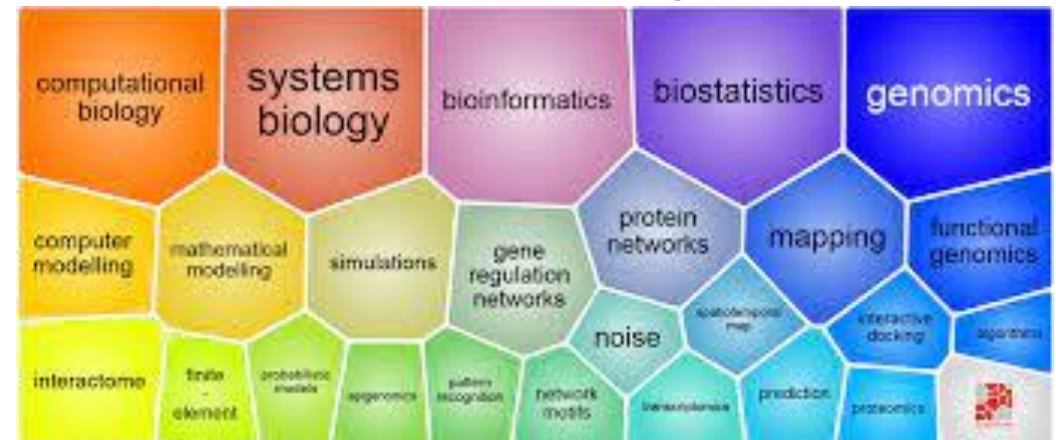
"Deeper Data Analysis for Neuroscience and Psychology 16:830:533:01 Spring every other year



Computational Biology Certificate

<https://grad.rutgers.edu/academics/graduate-programs/biomedical-and-health-sciences-all-degree-programs/computational>

- The goal of this 12-credit Certificate is to train biomedical Ph.D. students in Computational Biology. Upon its successful completion of this degree, the Certificate will be added onto the transcript in addition to the Ph.D. degree.
- Eligibility: PhD candidates in biomedical sciences affiliated with the following programs who are in their second year or higher of graduate school are eligible to apply for the certificates.
- Applications announced each spring to start the following fall
- Curriculum: Python, Bioinformatics, Computational Genomics, Machine Learning, Artificial Intelligence



Academic Support Services

<https://learningcenters.rutgers.edu/student-services/graduate-students>

- Academic coaching
- Study practices
- Time management
- Test taking strategies
- Goal setting

GRADUATE WORKSHOP SERIES



ALL WORKSHOPS HELD ONLINE/ ZOOM

Unleash Your Productivity

Saturday, 9/12/2026 11:00am-12:00pm

Reading and Selecting Journal Articles

Tuesday 9/15/2026 6:00pm-7:00pm

Lit Review 101

Wednesday 9/30/2026 12:00pm-1:00pm

Citations Management: Introduction to EndNote 2025

Wednesday 10/7/2026 6:00pm-7:00pm

Communicating Your Research Clearly and Effectively

Thursday 10/15/2026, 12:00pm-1:00pm

Building Graduate Level Research Writing Skills, Part 1: Drafting Process

Wednesday 10/21/2026, 6:00pm-7:00pm

Finding Journals to Publish Your Work

Wednesday 11/4/2026, 12:00pm-1:00pm

Building Graduate Level Research Writing Skills, Part 2-The Revision Process

Wednesday 11/18/2026, 6:00pm-7:00pm

Questions? Email:

Dr. Wilson Ng wwn2@echo.rutgers.edu



**TO
REGISTER:**

[LEARNINGCENTERS.RUTGERS.
EDU/REGISTER-WORKSHOPS](https://learningcenters.rutgers.edu/register-workshops)



Teaching and Leadership Training



Teaching Innovation and Inclusive Pedagogy (TIIP)

<https://teaching.rutgers.edu/>



PreDoctoral Leadership Development Academy (PLDA)

<https://ol.rutgers.edu/programs/plda/>

Mentoring Skills: Effective Mentoring of Undergraduates Microbadge



Effective Mentoring of Undergrads in Research

This active learning virtual workshop for PhD students, Postdoctoral Fellows and Faculty will use techniques and **case study discussions in breakout sessions** to teach tools and skills to better mentor undergraduate students in a research setting. Attendees will also reflect upon approaches they would use to mentor trainees and employees when they are running a lab or research group in the future. An opportunity to earn a **Microbadge in Mentoring Undergrads** is available for those who wish to follow up with additional activities.



Wednesday, May 6, 2026
10am-12pm

Registration link

https://rutgers.ca1.qualtrics.com/jfe/form/SV_e4iaFy0Hmrydyjs

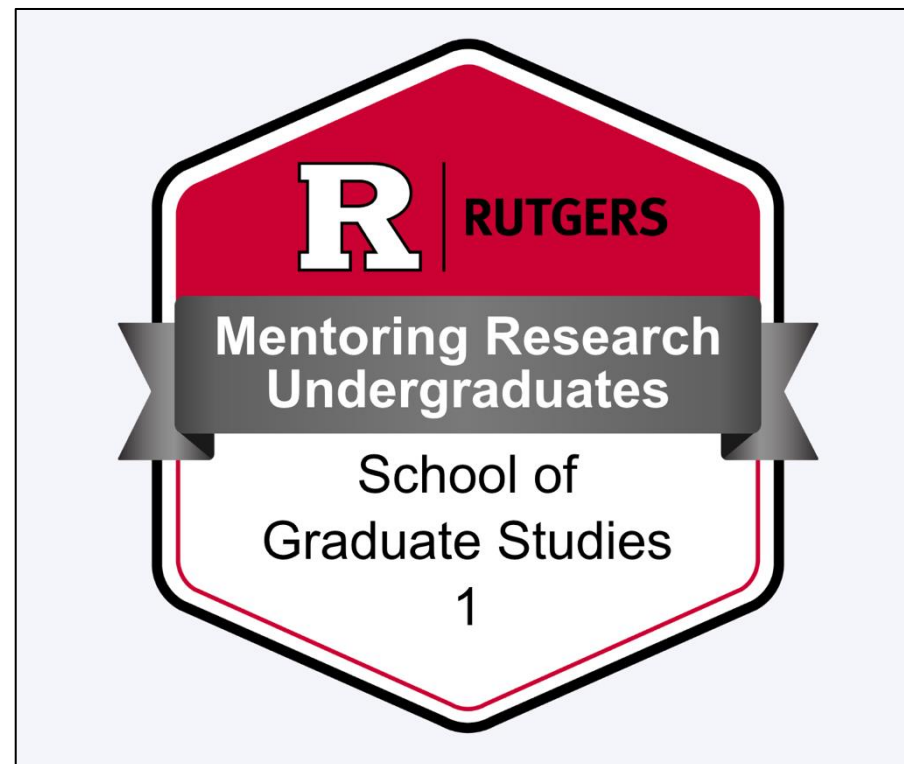


Zoom link

<https://rutgers.zoom.us/my/alderja> Passcode: Janet

Topics and interactive case studies led by Drs. Janet Alder, Xenia Morin and Benton Purnell from the Center for Improvement of Mentored Experiences in Research (CIMER)

- Managing student projects
- Contract for undergrads
- Aligning expectations
- Dealing with anxiety
- Inclusive environments
- Assessing understanding
- Promoting motivation



Mentoring opportunities in the larger community

STEM GRADS GIVING BACK *Upward Bound Math-Science*

Rutgers graduate students - you can be the person who inspires a high school student to pursue college and the study of science!

SGS is partnering with Rutgers Upward Bound Math-Science a pre-college program designed to assist and motivate first generation and low-income students to successfully graduate from high school, prepare for college admission, and complete their baccalaureate degree in STEM.



Financial Planning Workshops



Financial Planning Workshop for Grad Students and Postdocs

This free workshop will be presented by the Financial Planning Association of New Jersey to educate graduate students and Postdocs on **cash flow management, debt, student loan paydown and building a safety net**. We know that living on a grad student and postdoc income can be challenging and many of you also have families to support. The skills you gain in this workshop will help you navigate your financial situation.

Thursday Feb 26, 2026
3:30 – 5:00 pm

Register at this site:

https://rutgers.ca1.qualtrics.com/jfe/form/SV_4J8aMp6HqA0elo6



Zoom Information:

<https://rutgers.zoom.us/my/alderja> Passcode: Janet
Phone only dial +1 646 558 8656 Meeting ID: 419 868 7830

For more information contact janet.alder@rutgers.edu



Tips for new graduate students. Ask current grad students for advice on these topics:

- ❖ Can defer undergraduate loans but need to complete paperwork
- ❖ Complete I-9 and W-4 forms
- ❖ Set up direct deposit
- ❖ Taxes are not taken out of “fellow” stipend checks and may need to pay estimated quarterly tax
- ❖ International students need to set up Social Security Number

Aaron Shatkin Award

Awarded to 3 graduate students annually for distinguished research work and academic excellence over the applicant's tenure at Rutgers University

2025 Winners

Reem Alatrash

Microbiology and Molecular Genetics
Advisor, Bobby Brooke Herrera, PhD

Justin Koesterich

Cell and Developmental Biology
Advisor Anat Kreimer, PhD

Rebecca Shear

Neuroscience
Advisor Huaye Zhang, PhD



Graduation Awards

2025 Winners from Biomedical/Biochemical Programs

Bergen Medal of Excellence

Zakiyah Henry, Toxicology

Waterman Medal of Excellence

Leelabati Biswas, Microbiology and Molecular Genetics

Outstanding Doctoral Student Award

Irving Estavez, Neuroscience

Excellence in Leadership and Teaching

Emily Hanselman, Nutritional Science

Excellence in Outreach and Service

Rebecca Risman, Biomedical Engineering

Michael Rallo, Neuroscience

Outstanding Master's Student

Chintan Bhavsar, Nutritional Science





RUTGERS UNIVERSITY
School of Graduate Studies

Your career

Rutgers - iJOBS

NIH Broadening Experiences in Scientific Training (**BEST**) Awards
\$2 million for 5 years to create infrastructure (2014-2019)

Rutgers U

Boston U

UC Davis

UC Irvine

UC San Francisco

U Chicago

U Colorado Denver

Cornell

U Mass Worcester

Michigan State

New York U

U North Carolina

U Rochester

Vanderbilt

Virginia Polytech

Wayne State

Emory/Georgia Tech





iJOBS Participation



RUTGERS

Rutgers Graduate Students

- SGS (New Brunswick/Piscataway/Newark)
- GSN (Newark)
- GSC (Camden)

Rutgers Postdocs

- RWJMS
- NJMS
- SAS New Brunswick
- SoE
- SoP
- SEBS
- SAS Newark
- SAS Camden



Representative Career Panels

- Faculty position at R1 institution
- Faculty position at Primarily Undergraduate Institution
- Bench research in Pharma and Biotech
- Medical Devices
- Postdocs in Industry
- Contract Research Organizations
- NIH
- FDA
- Computational Biology
- Data Science
- Consulting
- Science and Health Policy
- Patent Law
- Tech Transfer and Business Development
- Clinical Research
- Regulatory Affairs
- Scientific Writing and Medical Communications

- Medical Affairs
- Non-profit and Foundations
- Finance and Equity Research
- Publishing
- Food and Fragrance Industry
- Journalism
- Teaching Education Outreach
- Entrepreneur
- Plant and Agriculture Industry
- Non-faculty Jobs in Academia
- Tech and Sales Support
- Project management



iJOBS Phased Programming





Phase 1
iNQUIRE

SciPhD: Leadership and Business Skills for Scientists

Provided by Human Workflows, LLC

Every January – 2 days (Jan 14 and 15, 2027)

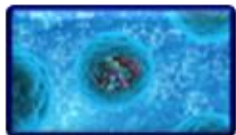
- 
- The Business of Science
 - Major Leadership Styles
 - Successful Communications as a Scientist
 - Developing Your People
 - Networking and the Interview Process
 - Team Performance Tools
 - Negotiations
 - Financial Literacy
 - Strategic Project Management for Scientists

Representative Site Visits

- Admera Health
- Genmab (2)
- Amgen
- WuXi Biologics
- Pfizer
- Becton Dickinson
- Siemens Healthineers
- Stryker (3)
- IPG Health (3)
- Genewiz (4)
- Merck (6)
- Wiley Publishing (2)
- Bristol-Myers Squibb (11)
- Novartis (5)
- GlaxoSmithKline (3)
- Regeneron (5)
- Eli Lilly (3)
- Celgene (2)
- Janssen (3)
- Commercial Center for Innv Tech (2)
- Inst for Life Sci Entrepreneurship (2)
- Enterprise Development Center
- Sanofi Aventis
- Covance
- Kashiv
- Hovione
- NJ Dept. of Health (3)
- Ferring Pharmaceutical
- Colgate-Palmolive (2)
- Envigo
- Ethicon
- J&J Consumer
- Bayer (2)
- PTC Therapeutics
- Nanion Technologies
- Inst for Life Sci Entrepreneurship (2)
- Enterprise Development Center
- Sanofi Aventis
- Covance



Representative Workshops



- GLP and GMP Primer for Pharma
- FDA Drug Approval and Case Study
- Advice from an Immigration Attorney
- Negotiation Strategies
- How to Make Your PhD Work: A Guide for Creating Your Career
- Clarifying Your Mission
- What You Need to Know about PK/PD for a Job in Pharma
- Navigating Career Transitions
- Primer in Drug Discovery through Pre-Clinical Development
- Agile Project Management and Microsoft Project
- Python and Genomics Data Analysis by Data Carpentry
- Self assessments (Clifton Strengths)
- Targeted Resumes
- Online Networking and LinkedIn Profiles
- Finding and applying for an internship
- Emotional Intelligence and Influencing others
- Job search using staffing agencies



Phase 2
iNITIAL

Career Track Example Skill Classes One 40-Hour Class

Drug Development from
Concept to Market

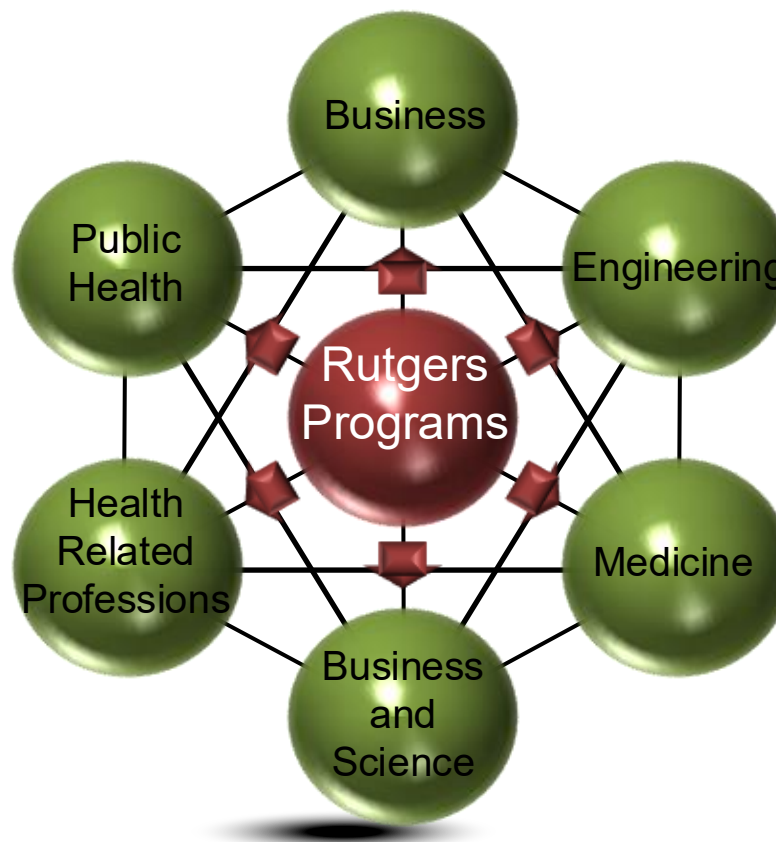
Molecules to Medicine

Principles of Finance
and Accounting

Data Science Bootcamp

Clinical Trials Overview:
Methods and Practices

Fundamentals of
Regulatory Affairs



Market Analysis for
Science

Clinical Trials Overview:
Methods and Practices

Project Management

Pharma Product
Management

Organizational Behavior

Technology Transfer
Training Program

Professional Shadowing and Mentoring



- Each trainee is matched to a professional for a shadowing opportunity relevant to their chosen track with industrial, institutional or governmental partners. 72 hours over a whole semester.
- Each trainee is assigned a professional mentor and uses the Individual Development Plan (IDP) as a framework for growth.

Communication Platforms

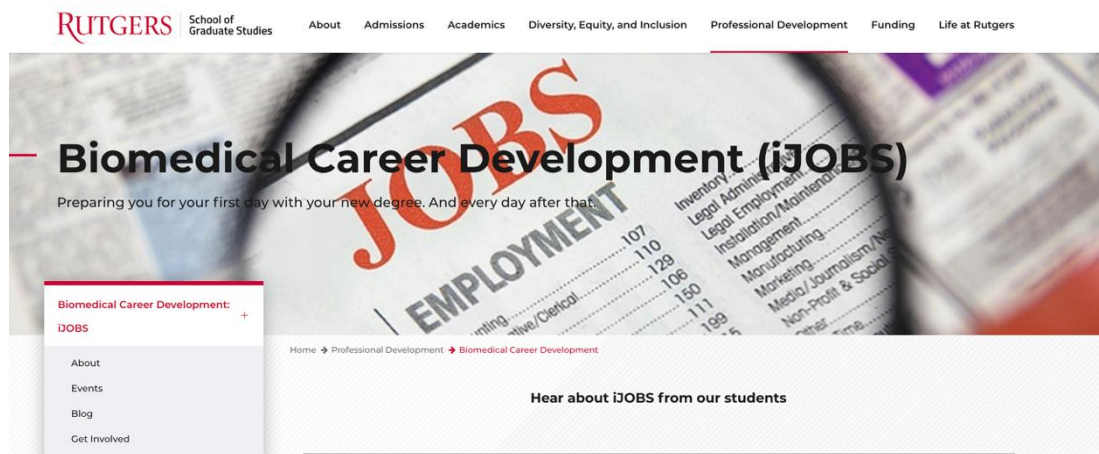
Email listserve: 1500 members



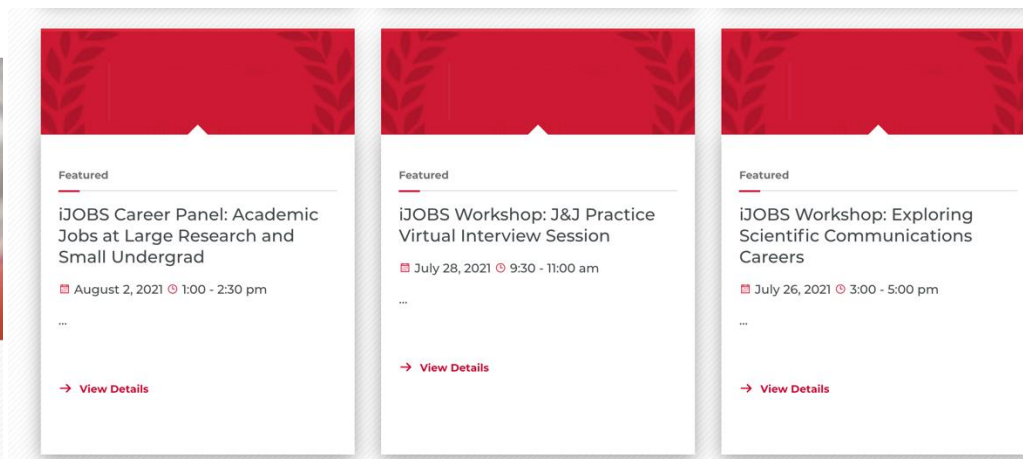
Trainee run blog:
grad.rutgers.edu/ijobs/blog



Website: ijobs.rutgers.edu



iJOBS Past Events with Recordings



iJOBS Program Registration

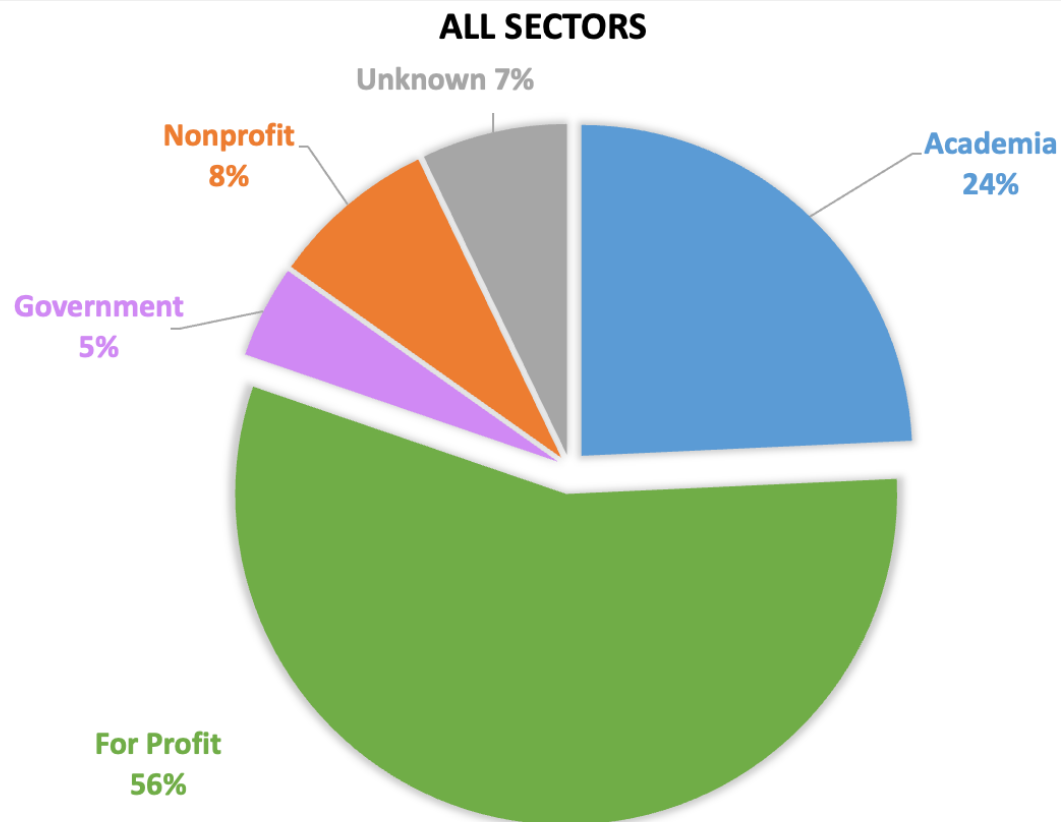
Phase 1

- iJOBS programming open to all pre and post-doctorates as well as recent alumni.
- Some events have limited capacity but put your name on the wait list

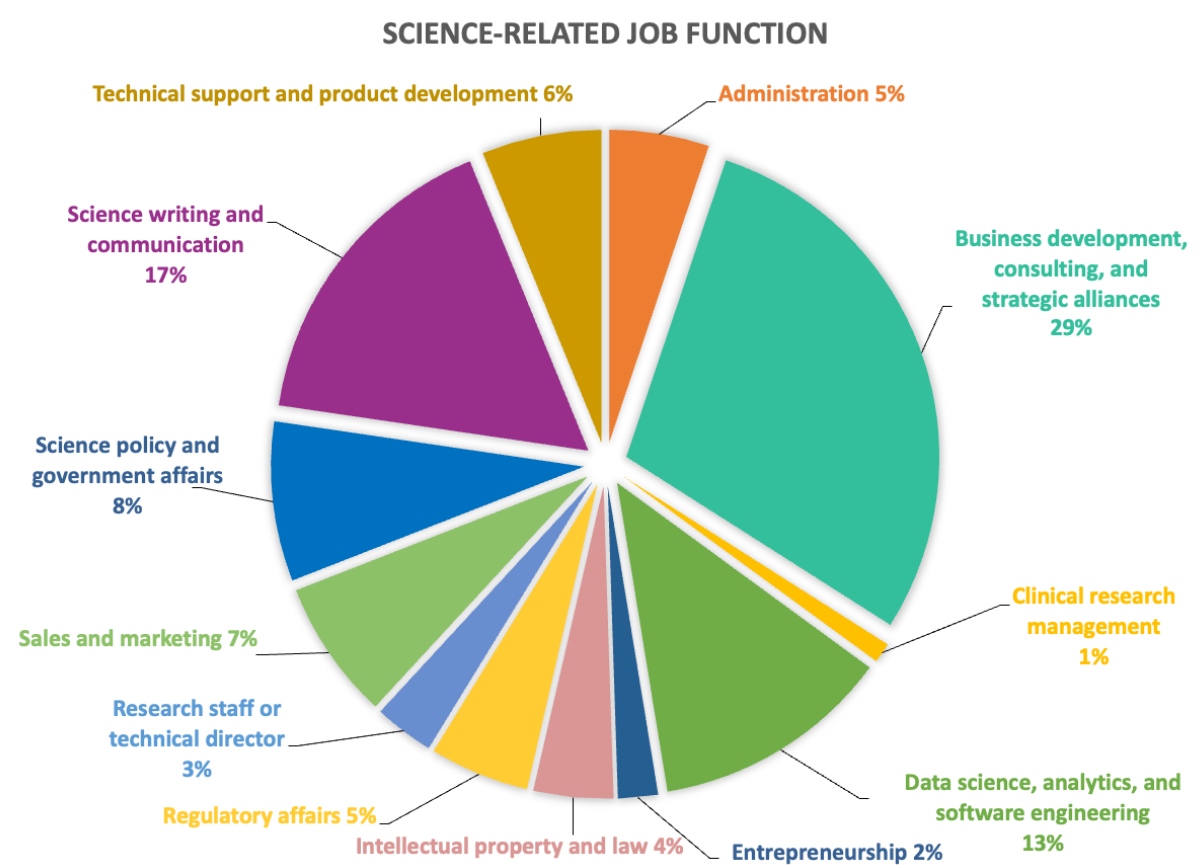
Phase 2

- Graduate students should have completed propositional qualifying exam. Postdocs are eligible at any time.
- Trainee application approval based upon Phase 1 participation (12 hours), letter of intent, letter of recommendation. PI approval for participation is required with application.
- Applications open every April and program starts in September for 1 year

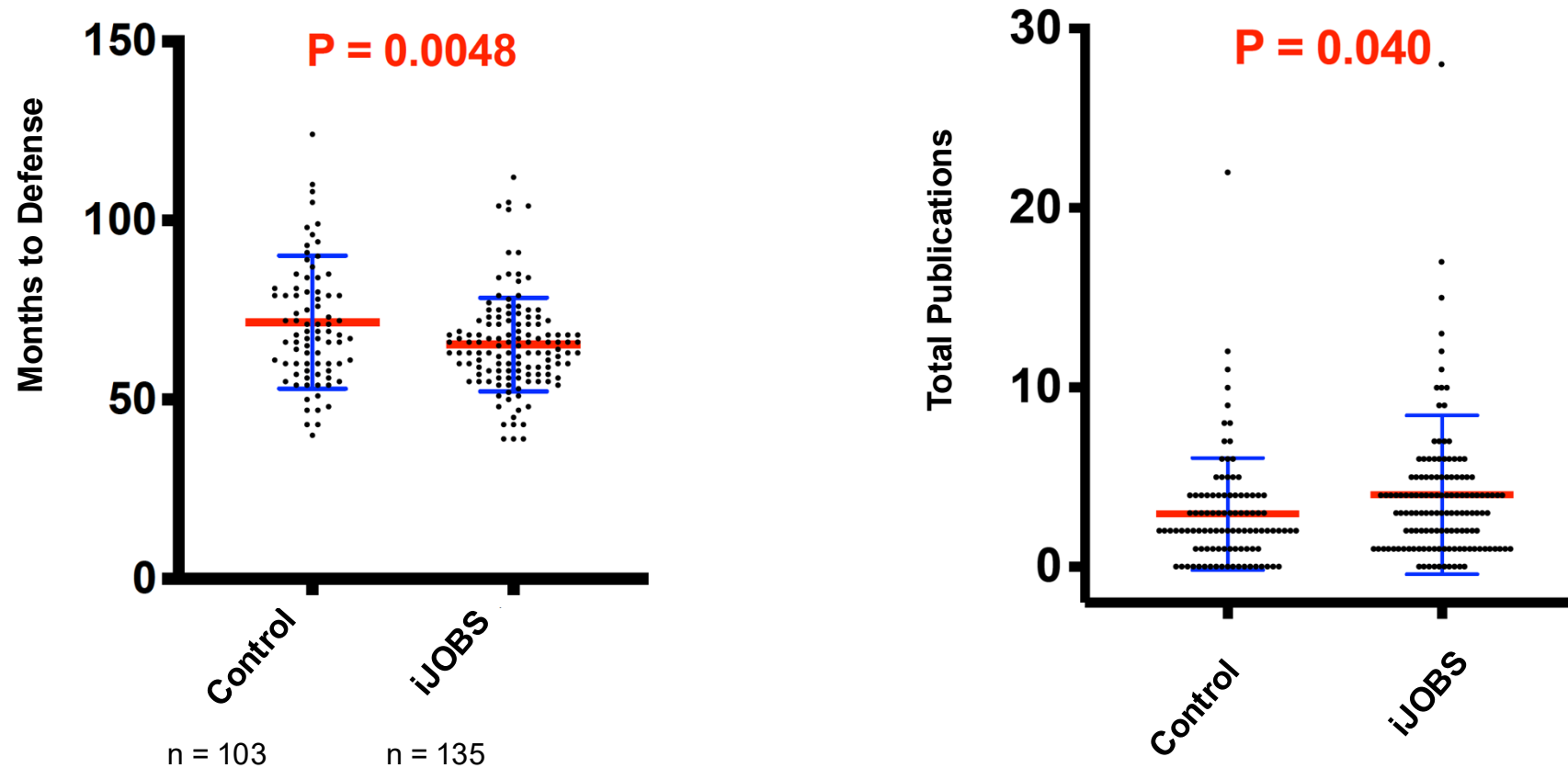
First Position of SciPhD Participants (n = 310)



First For-Profit Non-Research Positions (n = 310)



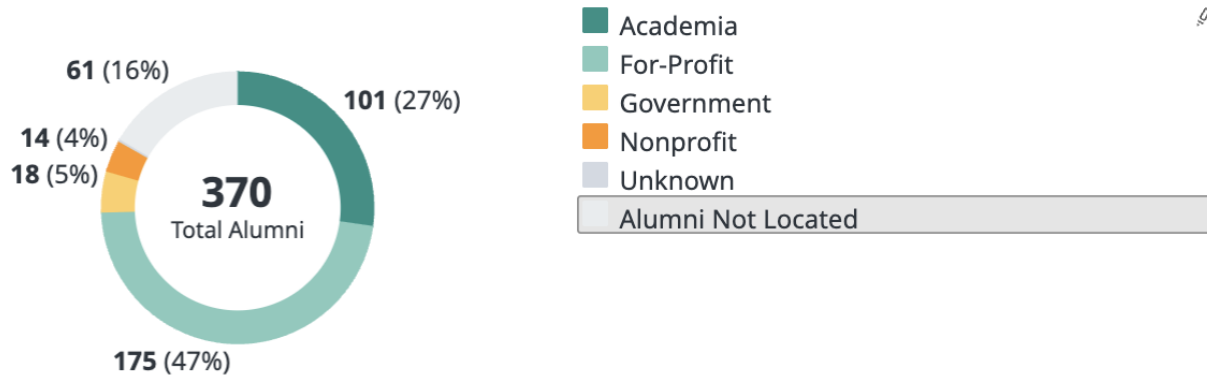
iJOBS Participants Have Decreased Time to Defense and Increased Total Publications



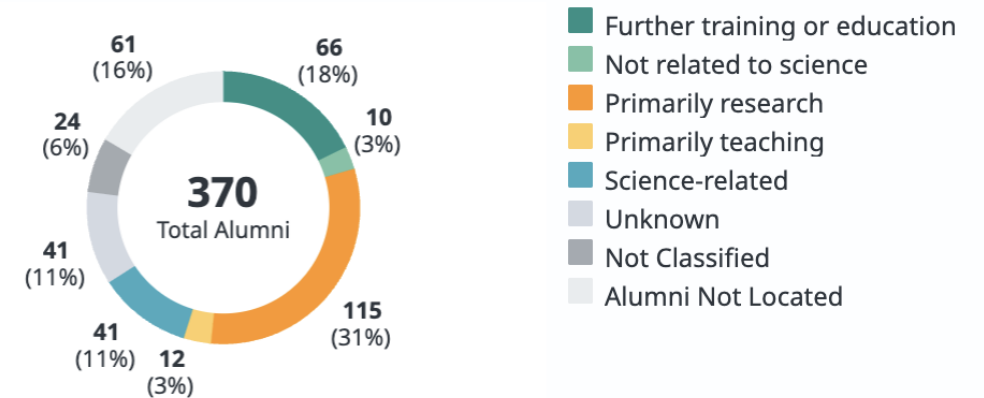
Measuring Effects of Trainee Professional Development on Research Productivity:
A Cross-institutional Meta-analysis, Brandt et al., PLOS Biology, 2021

Where Do All of our Graduates Go?

Distribution by CNGLS Sector



Distribution by CNGLS Career Type





RUTGERS UNIVERSITY
School of Graduate Studies

Non-Academic Resources

Join our groups and also email us your news to post!



<https://calendar.google.com/calendar/u/0?cid=Z3Nic3Bpc2NAZ21haWwuY29t>

- Seminars
- Career development events
- Thesis defenses
- Workshops
- Can link to your calendar



<https://www.linkedin.com/groups/3679494/>

- LinkedIn has **alumni contacts** – important for career development

Have Fun!



Rutgers is less than an hour to NYC and Philadelphia by train



New Brunswick



Princeton



Newark



Delaware and Raritan Canal



Jersey Shore



Poconos Mountains



Reach Out if You Need Help – Rutgers CAPS and "Let's Talk"

Counseling and Psychiatric Services (CAPS)

<http://health.rutgers.edu/medical-counseling-services/counseling/>

Monday-Friday 9am-4pm: 848-932-7884 Evenings and weekends: 1-855-654-6735

Let's Talk is free, confidential and no appointment necessary! See flyer for days and times or click here <https://health.rutgers.edu/counseling-services/community-based-counseling>

Other resources

- The Trevor Project (crisis hotline for LGBTQ Youth): 866-488-7386
- Crisis Text Line (CTL): Text KNIGHTS to 741741 & include "STEVE" for People of Color on any smart phone (available 24/7)
- Acute Psychiatric Services (APS: available 24/7) Dial 1-855-515-5700. If you are out of the New Brunswick/Piscataway area, call 911
- NJ Hopeline, 24 hour crisis phone line: 855-654-6735 (Available within NJ 365/24/7)
- RUPD: 848-932-7211
- National Suicide Prevention Lifeline: 1-800-273-TALK (8255)

LET'S TALK

GRADUATE STUDENTS
SUMMER/FALL 2026

Mondays with Mei-Ling
2pm - 4pm
In person at 180 College Avenue or by Zoom
go.rutgers.edu/mei-ling

Thursdays with Shan
2pm - 4pm
In person at CCB Room 2105, 123 Bevier Road or by Zoom
go.rutgers.edu/shanthursday

Let's Talk is free, drop in mental health consultation in a community setting. Walk-ins are welcomed but appointments can be made. To schedule an appointment, call 848-932-7884, option 2. Scan QR code for more information!

RUTGERS Student Affairs

health.rutgers.edu
f @rustudenthealth

Counseling, ADAP and Psychiatric Services

Uwill Mental Health Support Now

Free immediate access to teletherapy through an easy-to-use online platform

1. Choose a therapist based on your preferences, including issue, gender, language, and ethnicity.
2. Select a time that fits your schedule with day, night, and weekend availability.
3. Access is quick and easy. [Register and book](#) your first session using your Rutgers email.
4. Uwill is **Private. Secure. Confidential.**



Virtual Workshops for Biomedical Graduate Students by Shan Reeves and CAPS

Freedom Friday, will be a Grad exclusive drop-in workshop that will vary week to week. It will cover topics such as:

- Self-regulation techniques to help cope with stress.
- Understanding the authentic self
- Energy efficiency
- Self-advocacy when navigating Staff and Professors

(Sessions may be altered to fit the request or needs of the attending students)



Mental Health

Weekly starting Friday Sept 25 from 11am-12pm

In-person location

15 Seminar Place, West Academic Building, Room 5050, New Brunswick

Zoom Link for virtual attendance

<https://rutgers.zoom.us/j/95326844473?pwd=4Tmad2MPF5bH4eI5CjQgcBN0qmxQis.1>

Rutgers Food Pantry

<https://ruoffcampus.rutgers.edu/basic-needs/food-assistance/food-and-mobile-pantry>



•Who Qualifies

- Any student at Rutgers University. You just need a Rutgers ID card and create an account on PantrySoft before you go.

Location 126 College Ave, New Brunswick, Room 112

All students must make an appointment in the PantrySoft system ahead of time if they wish to visit between the hours of 12pm-4pm (M-F), unless they are a first-time visitor. Appointments can be made for the current week starting on Sundays at noon. From 4pm-5 or 4pm-7pm we will have open walk-in hours available. Students may visit the pantry, lockers, or the mobile pantry once per week.

Mobile Food pantry

Wednesdays: Douglass, Busch, & Livingston (appointments preferred, walk-ins welcome) between 1:45 - 4:15pm.

1:45 - 2:15pm - Near Voorhees Chapel

2:30 - 3:00pm - Busch Campus - Across from BEST Hall (Lot 66A)

3:15 - 3:45pm - Busch Campus/Graduate & Family Housing (Lot 58D)

**If these hours do not work with your schedule, please contact us – we will make arrangements with you that suit your needs. Please contact Off-Campus Living and Community Partnerships at basicneeds@echo.rutgers.edu

DO SOMETHING TO HELP website for concerns about mental health, discrimination and harassment Issues

<http://health.rutgers.edu/do-something-to-help/>



Student Health

Donate

Medical and Counseling Services ▾

Health Education and Promotion ▾

Academic Opportunities ▾

Insurance & Costs

Resources ▾

About Us ▾

[Home](#) > [Do Something To Help – Share A Concern!](#)

Do Something To Help – Share A Concern!

If this is an emergency, call **9-1-1** immediately! From a University phone, obtain an outside line and **dial 9-1-1**.

Rutgers is a community that cares. We DO SOMETHING when we are concerned about one of our community members. When you click on one of the areas below you will find a form or additional contact information where you can share your concern.

- [Click here to share a concern regarding any of the following:](#)

1. A student who may be using dangerous **drugs (heroin, prescription drugs)**
2. A student representing a **threat to themselves or others**
3. A student's **emotional state and well-being**
4. **Disruptive or aggressive behaviors** in a classroom or on campus

- [Click here to share a concern regarding a bias incident](#)
- [Click HERE to share a concern regarding SEXUAL ASSAULT, DATING VIOLENCE, STALKING OR SEXUAL HARASSMENT](#)
- [Click here to share a concern regarding a violation of the Code of Student Conduct](#)



RU HERE Attendance Confirmation

RUTGERS

Welcome Kelley Sokolowski

ACTION REQUIRED

You are required to take action on the following item(s) before you can proceed to any services that require your Rutgers credentials

RU HERE: COURSE ATTENDANCE

You are registered for the Spring 2021 semester. Please confirm your enrollment below

I confirm my attendance for the Spring 2021 semester.

I will be physically residing for the upcoming term at the following address:

Street:

City: State: Zip:

The type of address provided above is: On-campus (Residence Hall)

**** Please note, this will NOT be used to update your permanent address, which is the address used for all official university correspondence. To make changes to that address and to your Emergency Contact information, follow the links in the confirmation email.**

I will not attend the Spring 2021 semester and understand that I must complete the formal withdrawal process.

Where to find this information after today

All of the slides from today will be posted on the SGS Biomedical Website

<https://grad.rutgers.edu/about/newly-admitted-students>

Canvas materials from SGS Asynchronous Orientation

<https://rutgers.instructure.com/enroll/DMEKMF>

We Are Here for You

Janet Alder: janet.alder@rutgers.edu



Graduate Student Organizations

- Molecular Biosciences GSO (MBGSO)
- Rutgers Association of Toxicology Students (RATS)
- NeuroConnections
- Biomedical Engineering Student Society (BESS)
- Chemistry and Chemical Biology (CCB)
- Nutritional Sciences GSO
- Endocrinology and Animal Biosciences GSO
- Microbial Biology (ASM)
- Society for Advancing Chicanos/Hispanics and Native Americans in Science (SACNAS)
- Council of Black Graduates (CBG)
- iJOBS blog
- Rutgers GSA – events for everyone
- Affinity Groups (African students, BIPOC LBGTQIA2S+, Chinese Students, International Students, Neurodivergent Students, Southeast Asian Students, Graduate Parents)



Ice Breaker

Share your name, program, degree (MS or PhD), where you grew up, where you went to college and one Fun Fact about yourself. This is something that you think is a little unique about yourself.

Once everyone has gone, then go around and share something that you think you might have in common with at least 2 other people in your group.

I will go first...

