

# Welcome to Rutgers iJOBS Annual Symposium

## Ice Breaker

- Introduce yourself and share one thing that you try to do **every day** that makes you happy (e.g. exercise, watch a show, cook, read, craft, play with your kids, call a friend).



**RUTGERS**

THE STATE UNIVERSITY  
OF NEW JERSEY

# Rutgers iJOBS Annual Symposium

**November 1, 2024**



# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

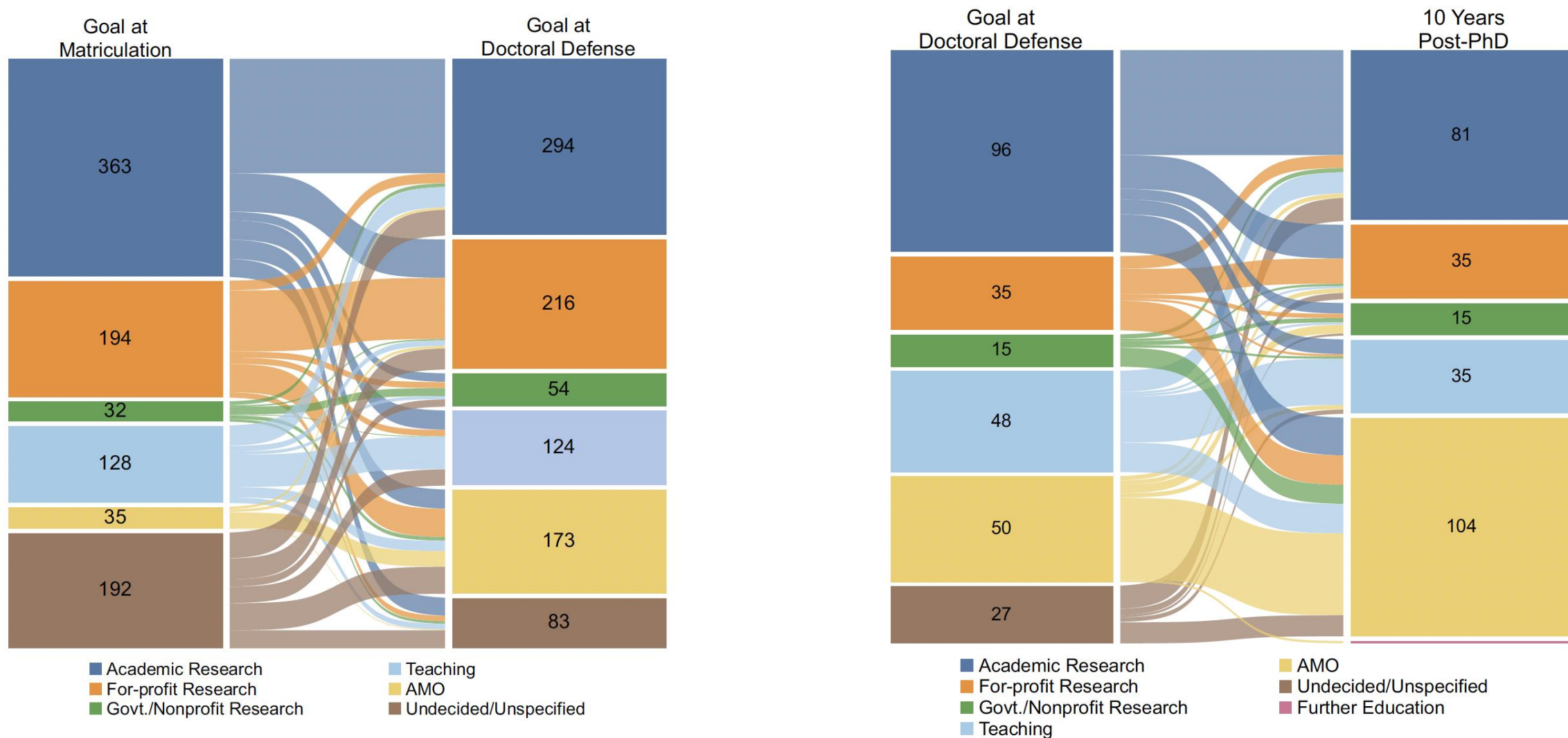
*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*

# From Goal to Outcomes for PhDs in Biomedical Sciences: THINGS CHANGE



= Administrative/Managerial/Operational

# NIH BEST Grant that Inspired Rutgers iJOBS

**17 Universities**  
**\$2 million for 5 years (2014-2019)**

**Maish Yarmush**  
**Jim Millonig**  
**Susan Engelhardt**  
**Janet Alder**  
**Doreen Badheka**

1. Cornell U
2. Emory/Georgia Tech
3. NYU
4. U Mass Worcester
5. UC Davis
6. UCSF
7. U Colorado Denver
8. Vanderbilt U
9. Virginia Polytech
10. Wayne State

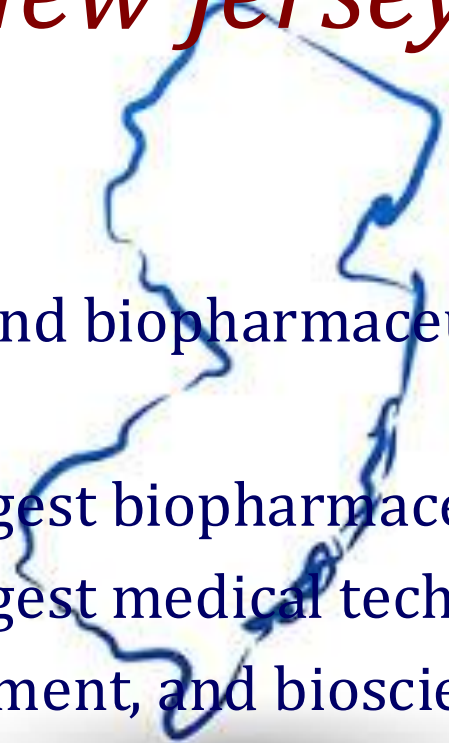


- 11. Rutgers U**
12. U Chicago
13. U North Carolina
14. U Rochester
15. UC Irvine
16. Boston U
17. Michigan State

# Excellent Professional Environment

## The World's Cure Corridor

### *New Jersey*



- Over 3000 life science and biopharmaceutical establishments
- 400 biotech companies
- 14 of the world's 20 largest biopharmaceutical companies
- 12 of the world's 20 largest medical technology companies
- #3 state for R&D investment, and bioscience-related patents
- 22,000 life sciences graduates annually

# Professional and Trade Support Abounds



# iJOBS Participants

## RUTGERS

### Rutgers Graduate Students

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

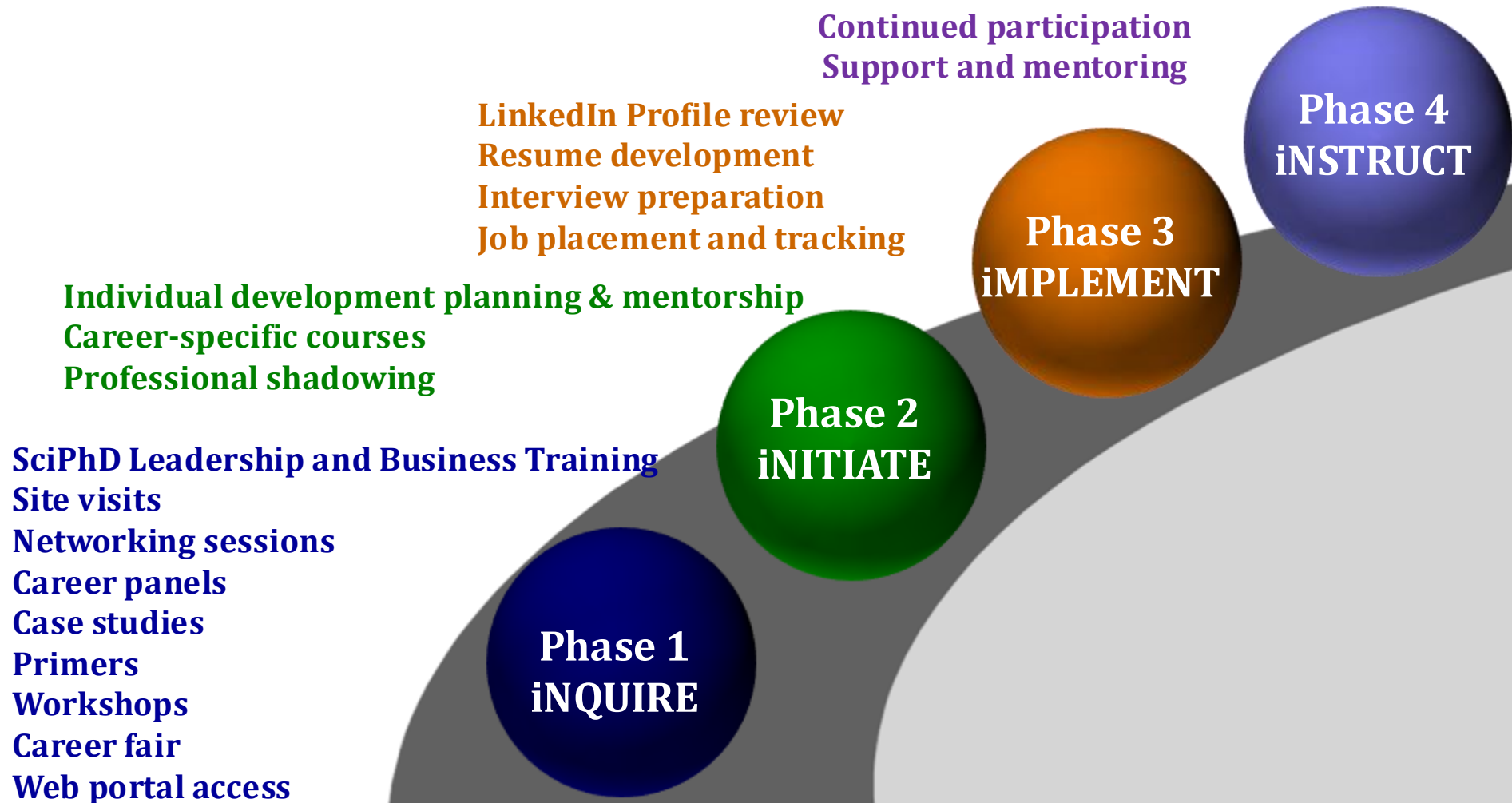
### Rutgers Postdocs

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





# Flexible and Phased Programming



# Phase 1



Phase 1  
iNQUIRE

# 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 and Editing
- Food and Fragrance Industry
- Journalism
- Teaching Education Outreach
- Entrepreneur
- Plant and Agriculture Industry
- Non-faculty Jobs in Academia
- Tech and Sales Support

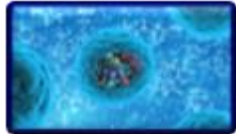


# Representative Site Visits

- J&J (5)
- Teva Pharma
- GenScript
- Azenta
- Admera Health
- Genmab
- Amgen
- WuXi Biologics
- Pfizer
- Becton Dickinson
- Siemens Healthineers
- Stryker (3)
- IPG Health (3)
- Genewiz (4)
- Merck (6)
- Wiley Publishing (2)
- Bristol-Myers Squibb (10)
- Novartis (4)
- GlaxoSmithKline (3)
- Regeneron (5)
- Eli Lilly (3)
- Celgene (2)
- NJ Innovation Institute
- Sanofi Aventis
- Commercial Center for Innv Tech (2)
- Inst for Life Sci Entrepreneurship (2)
- NJ Bioscience Center (3)
- Sanofi Aventis
- Covance
- Kashiv
- Hovione
- NJ Dept. of Health (3)
- Ferring Pharmaceutical
- Colgate-Palmolive (3)
- Envigo
- Ethicon
- Bayer (2)
- PTC Therapeutics
- Nanion Technologies
- Covance



# Representative Workshops



- 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

# iJOBS Professional Development Workshops for Academia

- Navigating the Publication Process
- Developing an Effective Writing Process in Science
- Designing an Effective Chalk Talk
- Top Tips for Better Posters
- Top Tips for Publication Quality Figures
- Top Tips for Better Graphical Abstracts
- Top Tips for Depicting Biological Pathways
- Grant writing workshops
- Mentoring Undergrads in Research

# iJOBS Partnerships On and Off Campus




- Eagleton Institute for Science and Politics
- Erdos Institute - Invitations to Industry
- I-CORPS at Rutgers
- What Can You Be with a PhD at NYU
- Nucleate - GRO Biopharma Conference with NY Schools
- Regeneron Science to Medicine Forum
- From Science to Pharma MSL Preparation
- BioNJ
- Association for Women in Science
- Biogen Drug Development Conference
- Skills embedded into curriculum (communications, computational)

# **SciPhD: Leadership and Business Skills for Scientists**

*Provided by Human Workflows, LLC*

*January 15<sup>th</sup> (1-5pm), 16<sup>th</sup> (9am-5pm) and 17<sup>th</sup> (9am-5pm) 2025*

- 
- **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**



# Phase 2



# 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

# Representative Career Track Skill Classes

Drug Development from  
Concept to Market

From Science to Pharma  
Medical Science Liaison  
Training

## One 40-Hour Class

Communicating Science

Technology Transfer

Principles of Finance  
and Accounting

Fundamentals of  
Regulatory Affairs

Business of Science:  
Molecules to Medicine

Project Management

Python Methodologies

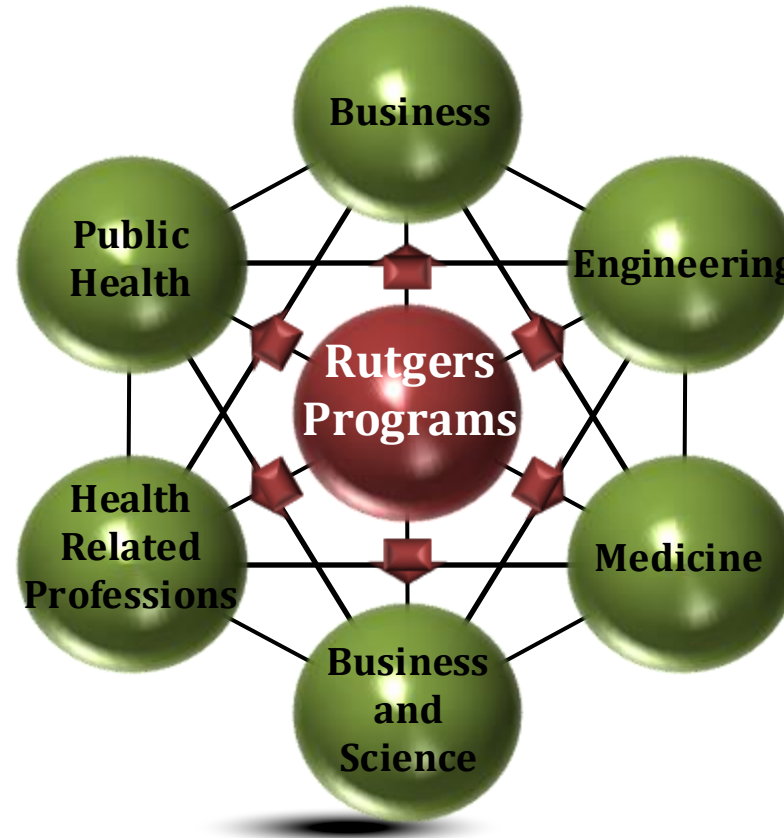
Pharma Product  
Management

Practical Aspects of  
Clinical Trial Design

Organizational Behavior

Fundamentals of  
Regulatory Affairs

Innovation and  
Entrepreneurship



# 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.

# Phase 3



# Job Search Preparation

- One on one mentoring sessions with Juliet Chin Hart to refine resume and cover letter
- LinkedIn Counseling with Penny Pearl at 2Actify
- Strategize on job search approach
- Prepare for interviews



# Ice Breaker

- Finish this sentence "The thing that I love best about my current position is..."





# **Dissemination, Evaluation and Outcomes**



# Communication Platforms

Email listserve: 1500 members



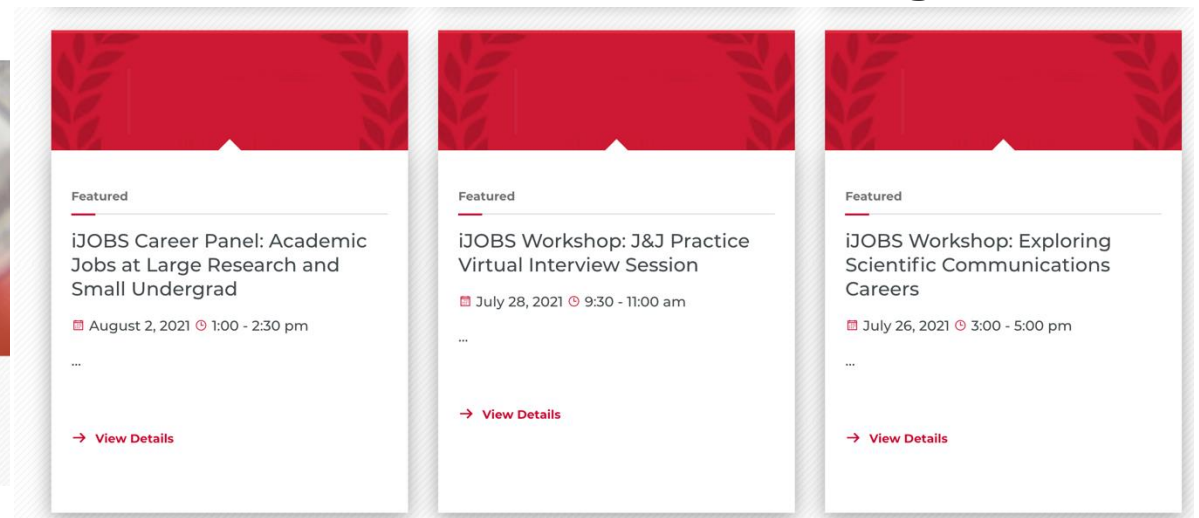
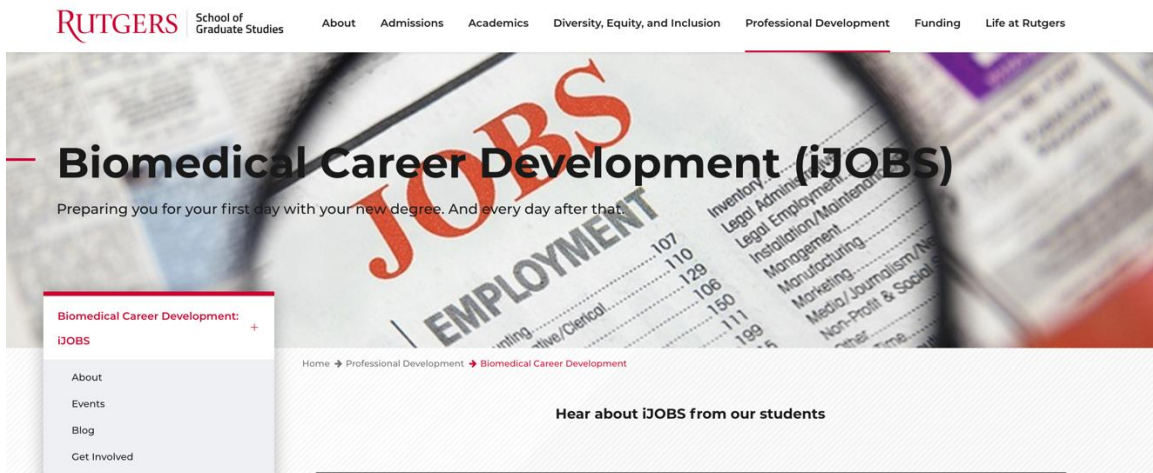
Trainee run blog:

[grad.rutgers.edu/ijobs/blog](https://grad.rutgers.edu/ijobs/blog)



Website: [ijobs.rutgers.edu](https://ijobs.rutgers.edu)

iJOBS Past Events with Recordings

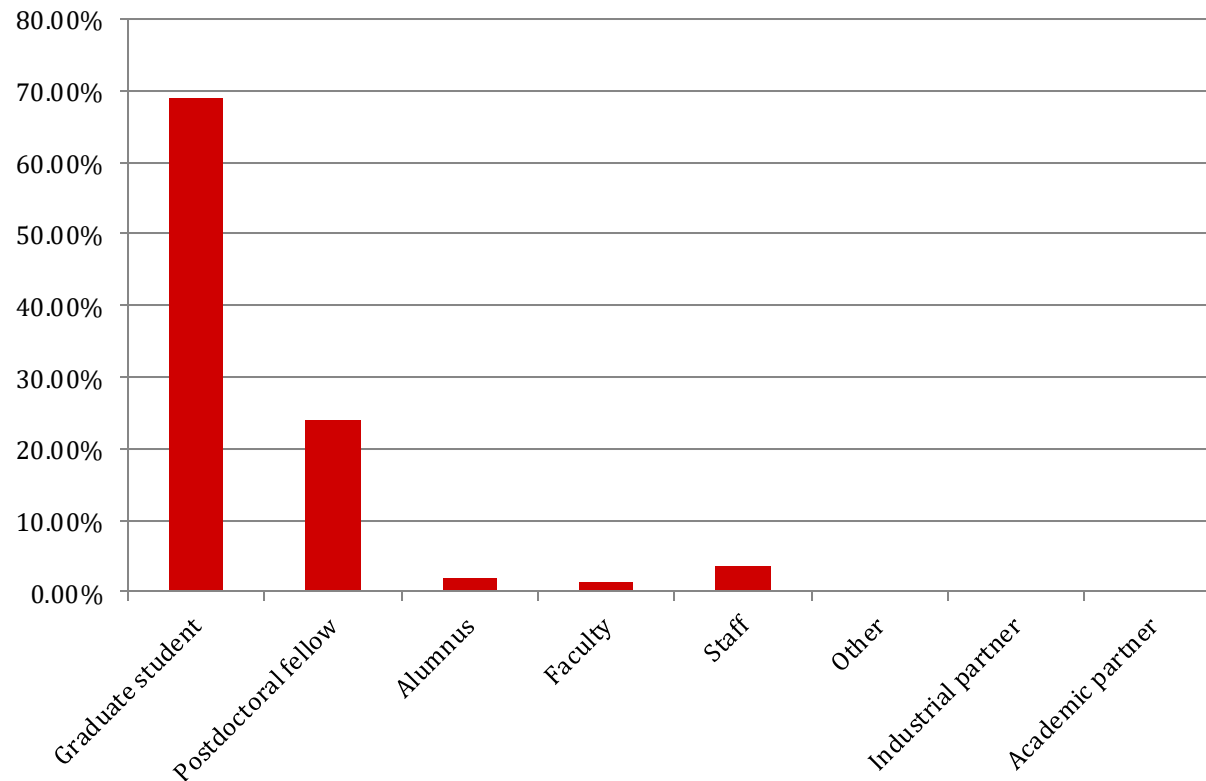


# iJOBS Cohort Participation

From Sept 2020- Oct 2024, we have hosted 179 events with over 3.600 attendees

## Trainee Academic Standing n = 1388

What best describes your position?

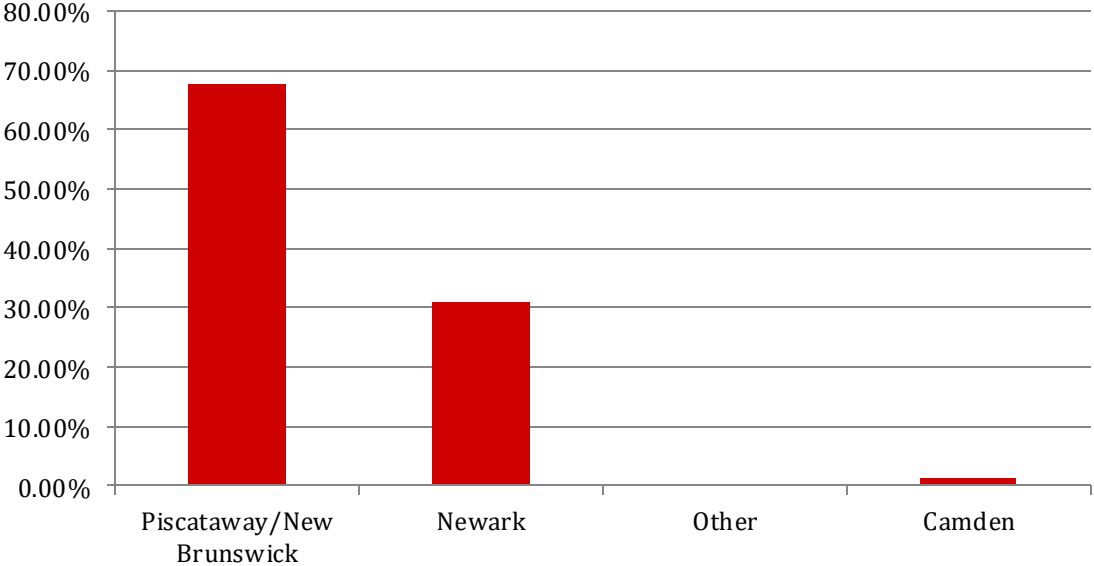


**Total pool**  
68% predoc  
32% postdoc

# Participation by Campus Location

## Predoctoral Students

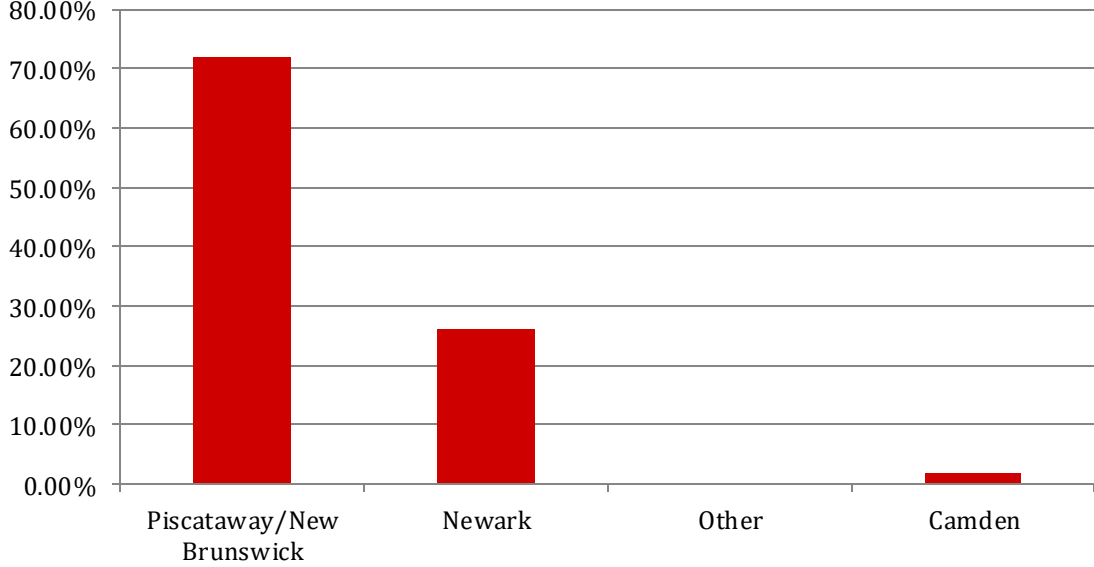
Campus location



**Total pool**  
New Brunswick/Pisc 68%  
Newark 31%  
Camden 1%

## Postdoctoral Fellows

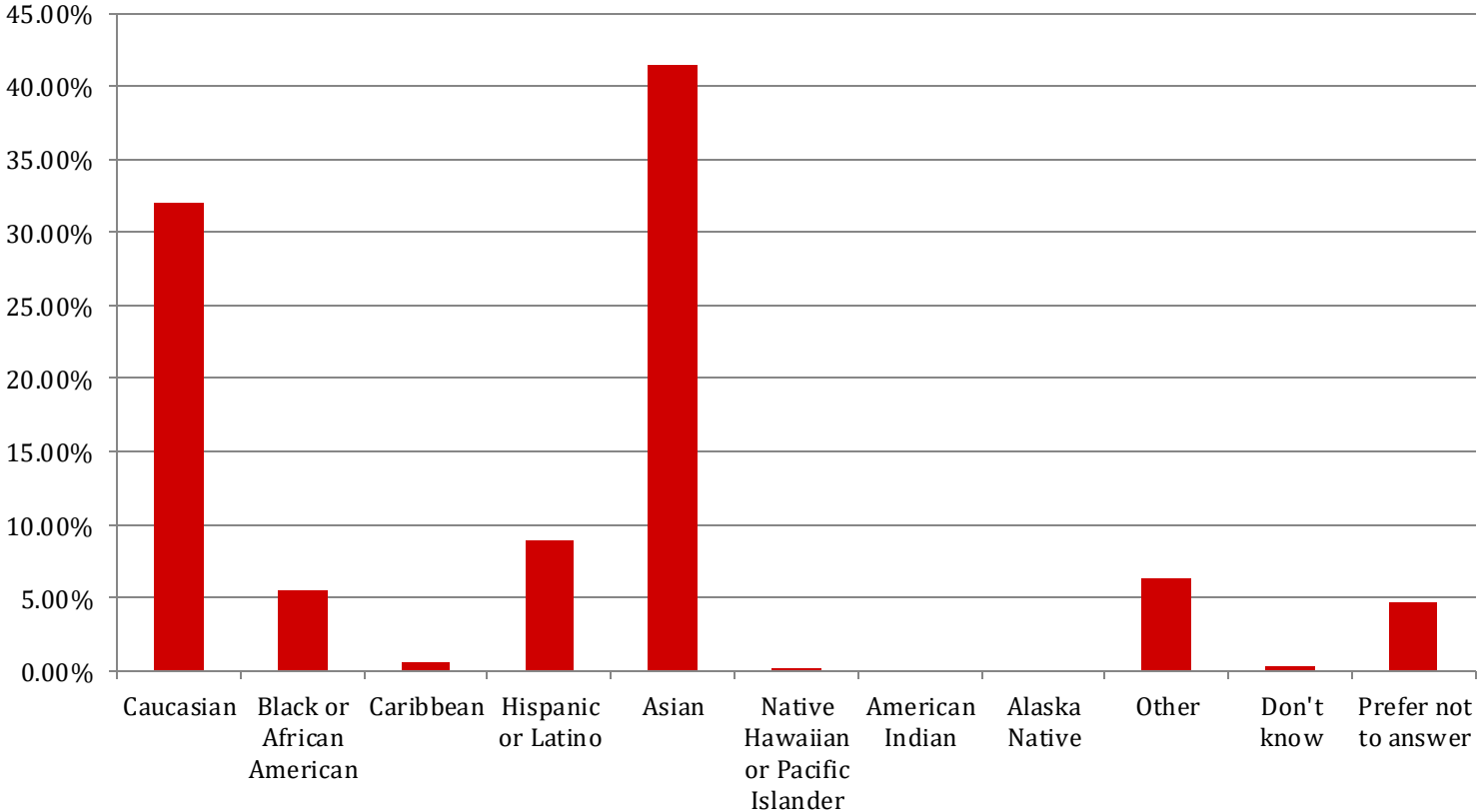
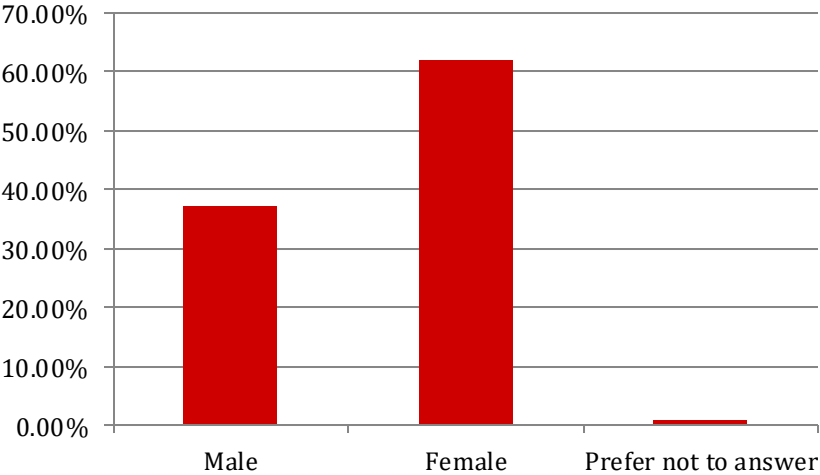
Campus location



# Gender and Ethnicity Data

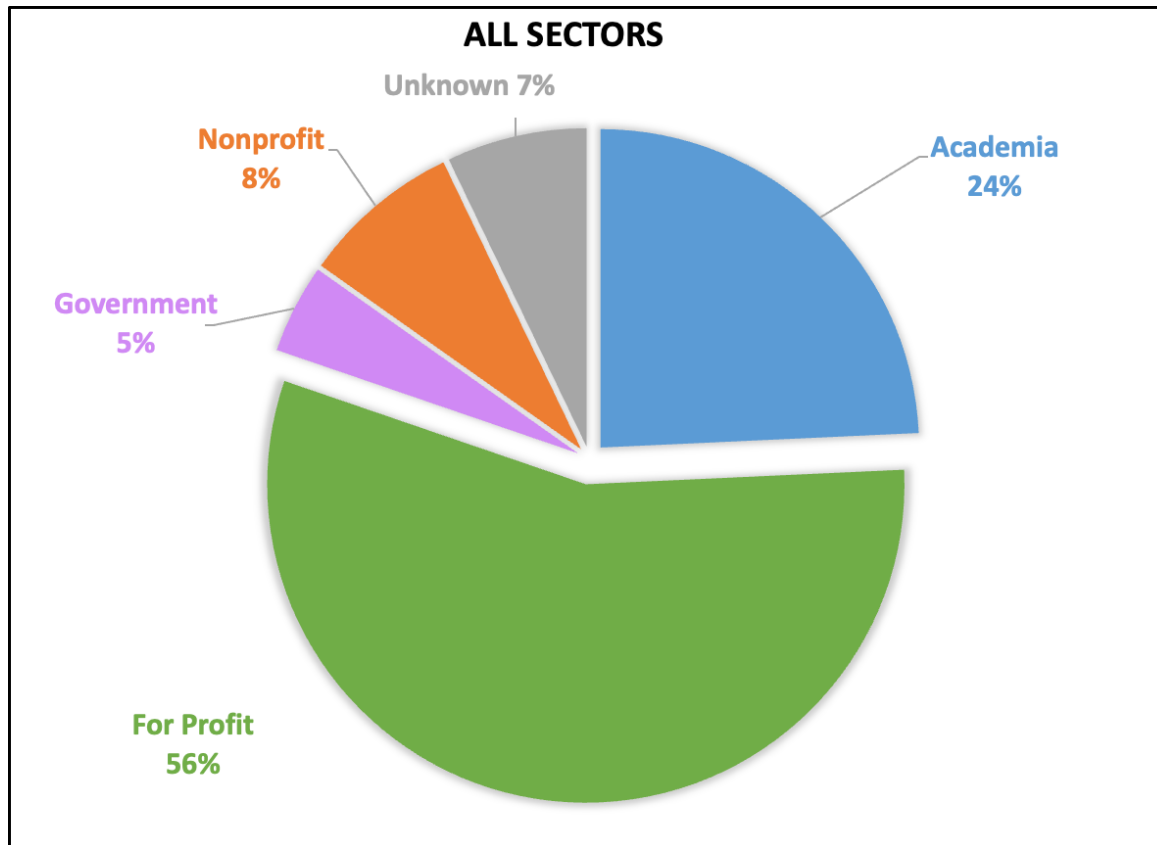
Please describe your race/ethnicity.

### Gender

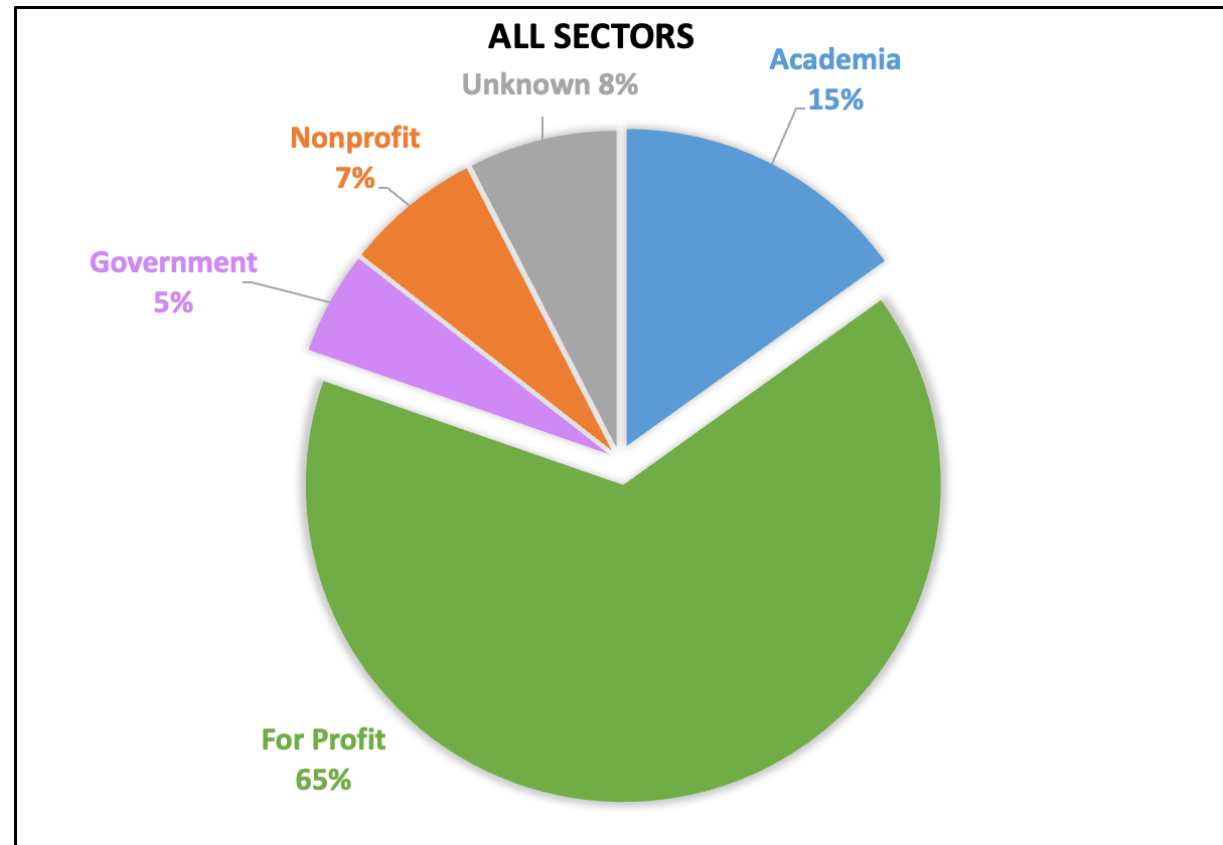


# Positions of SciPhD Participants (n = 310)

## First Position

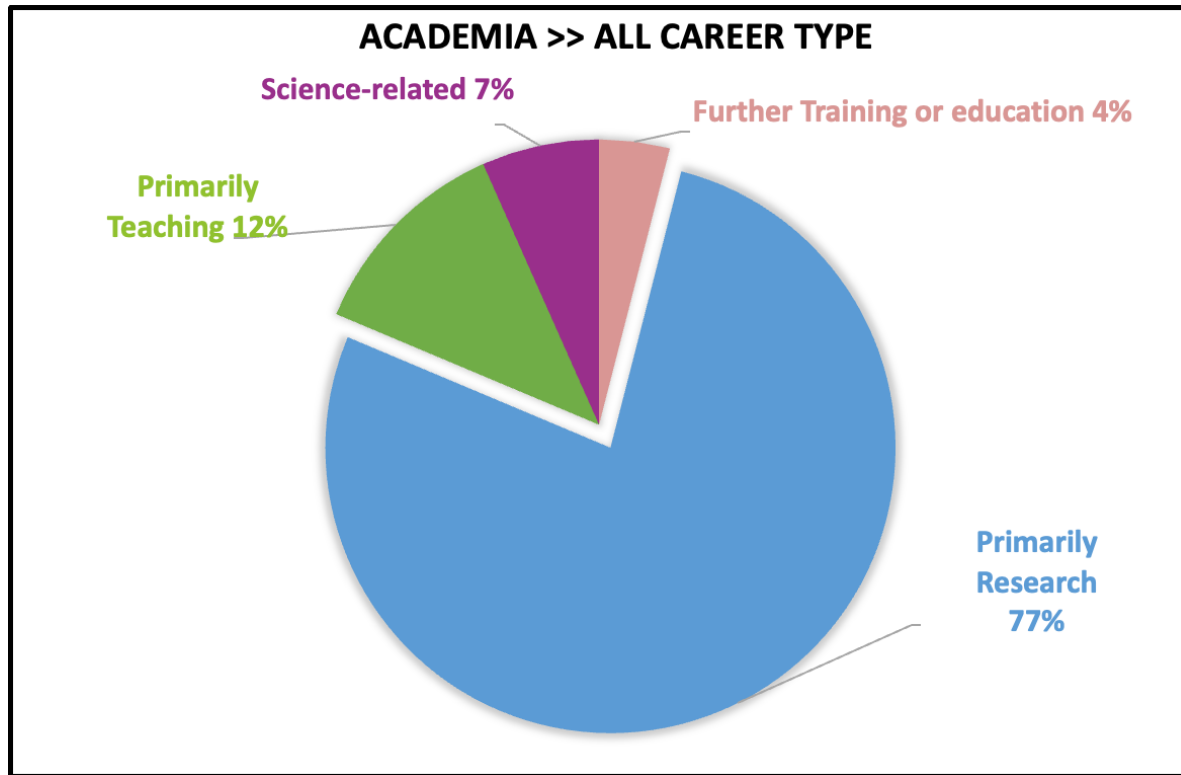


## Current Position

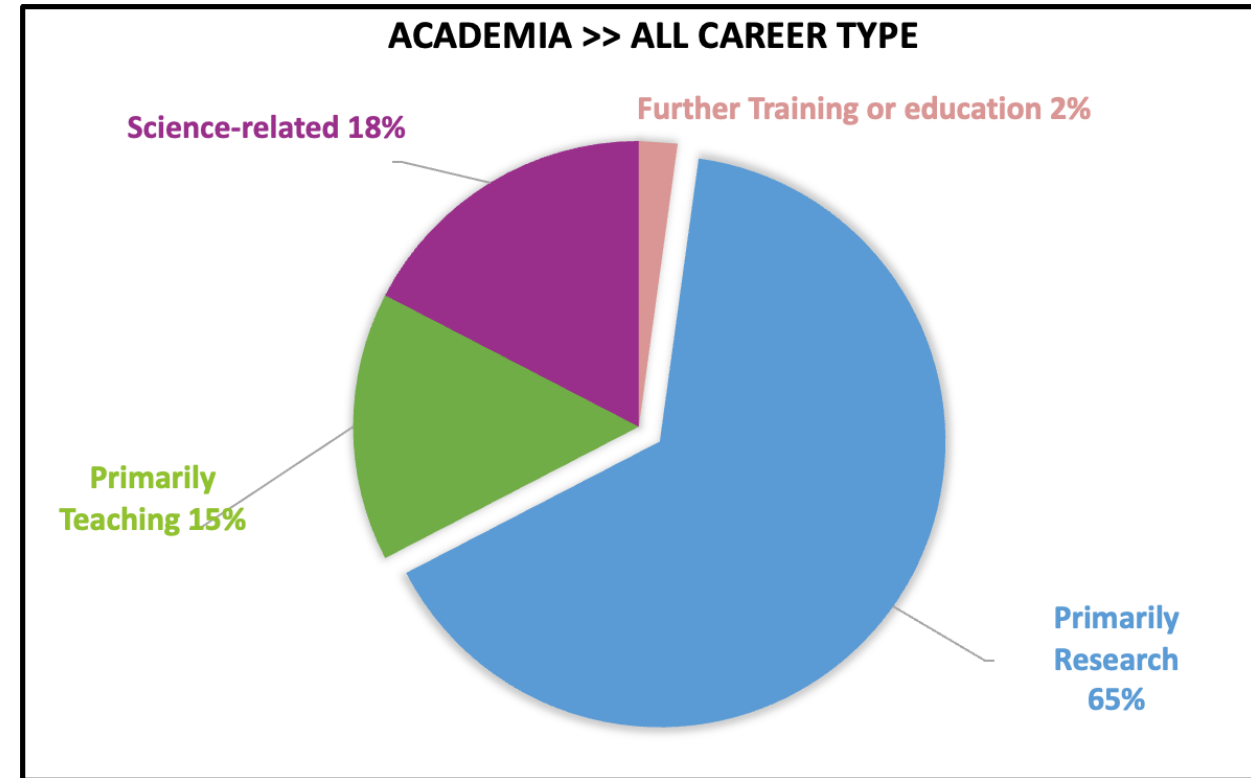


# Academia - All Career Types

## First Position



## Current Position

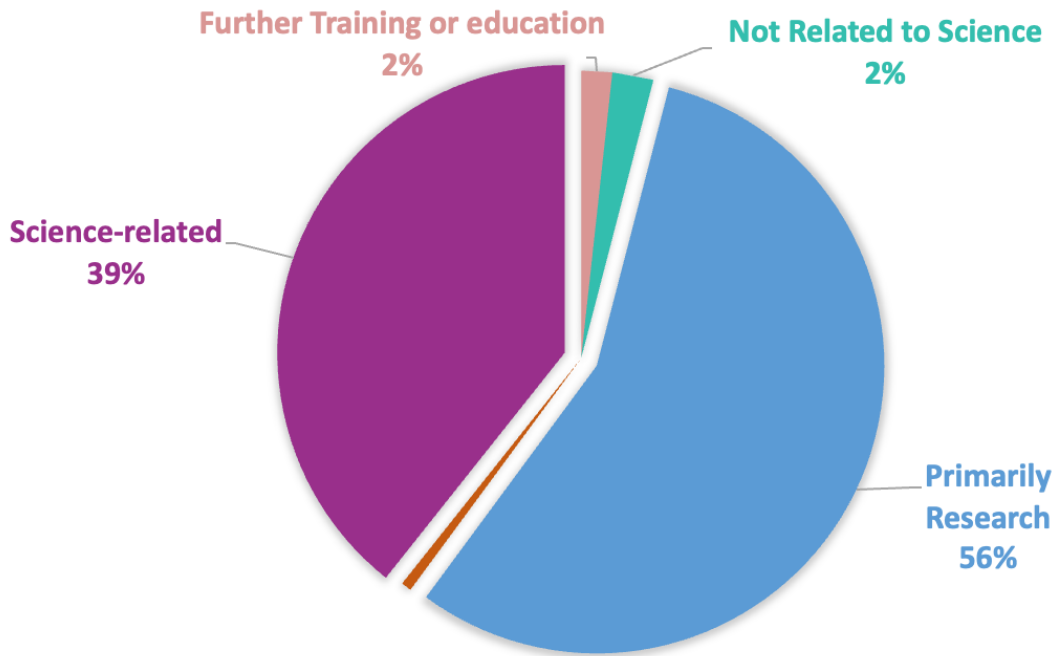


# For-Profit – Research vs Science-Related

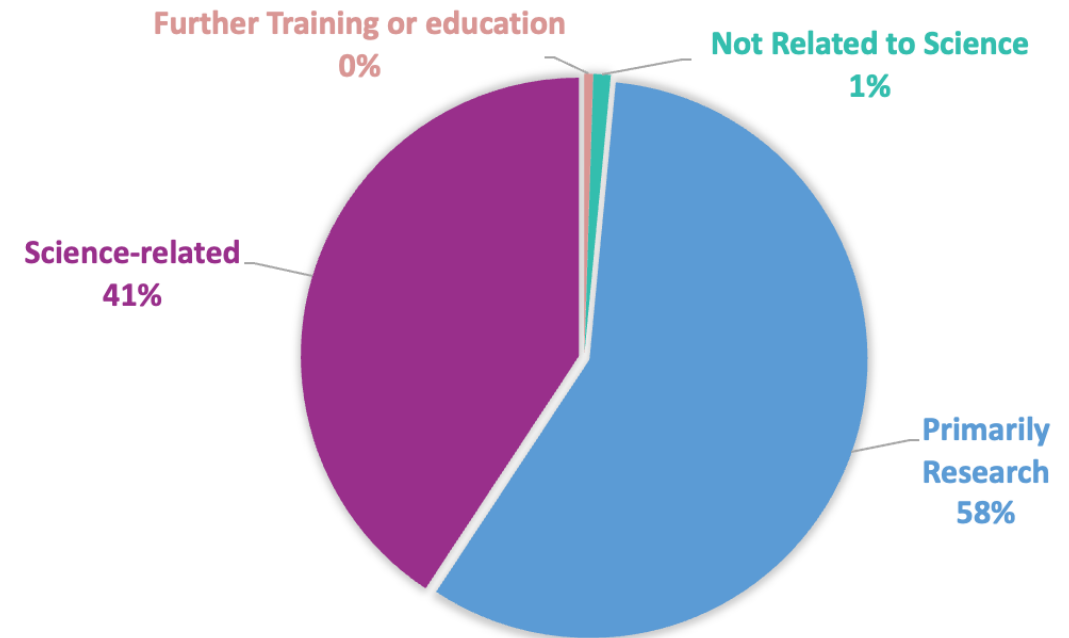
## First Position

## Current Position

FOR PROFIT >> ALL CAREER TYPES

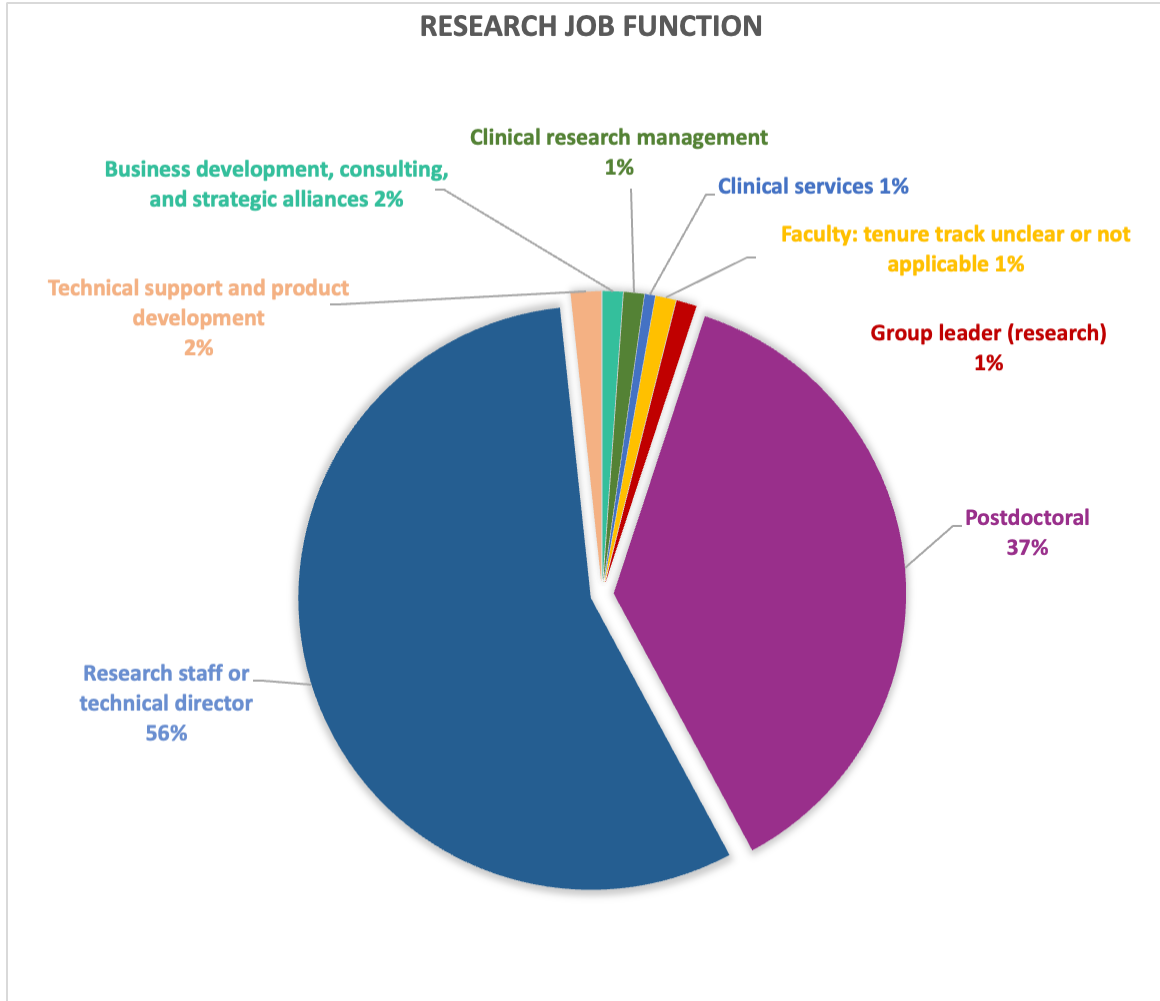


FOR PROFIT >> ALL CAREER TYPES

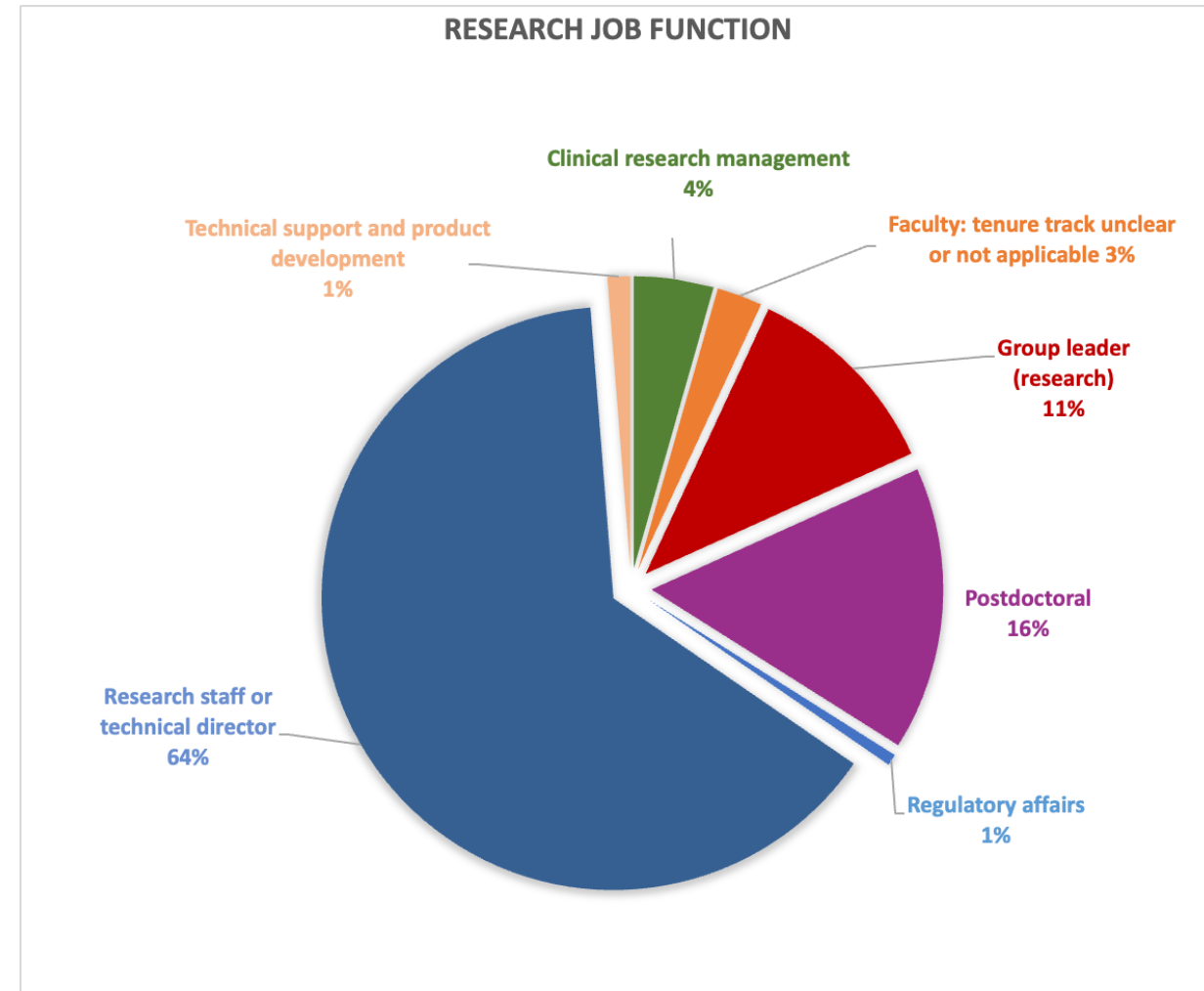


# Research Job Functions

## First Position



## Current Position

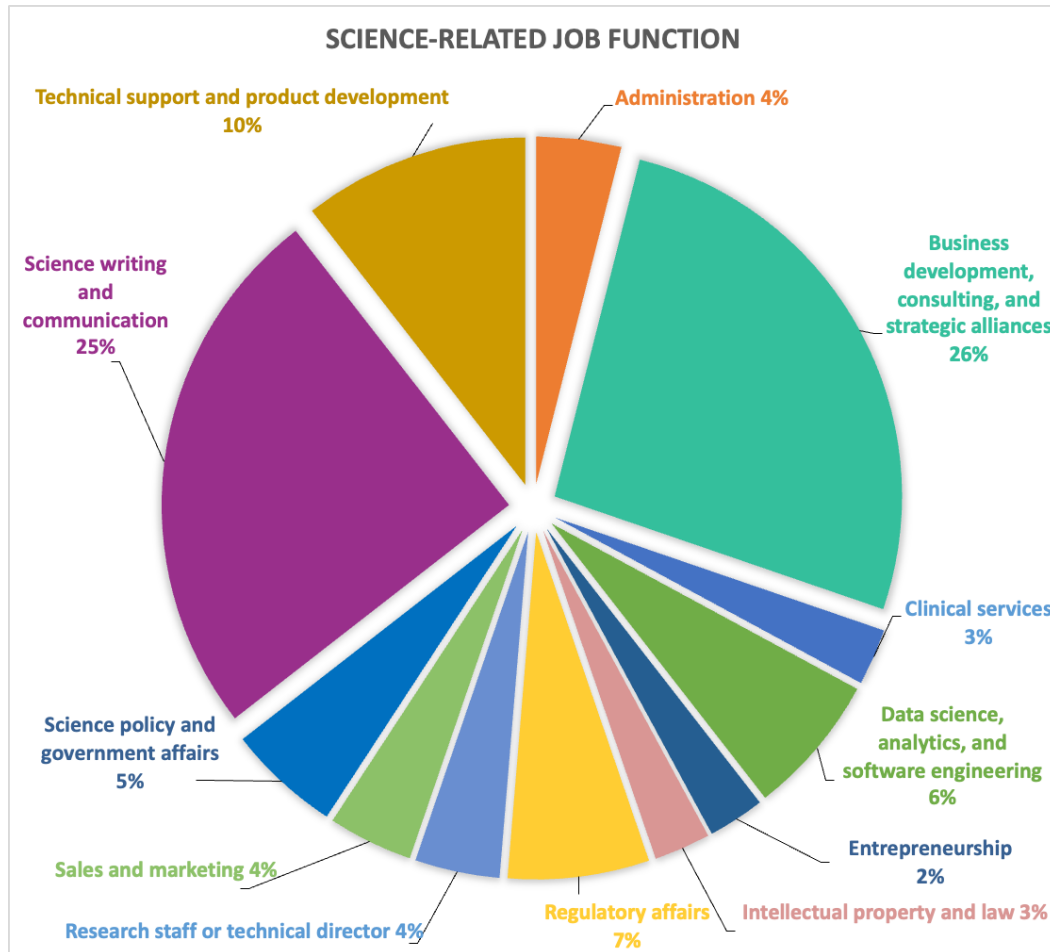


Data analyzed by Janell Mason and Tracy Scott

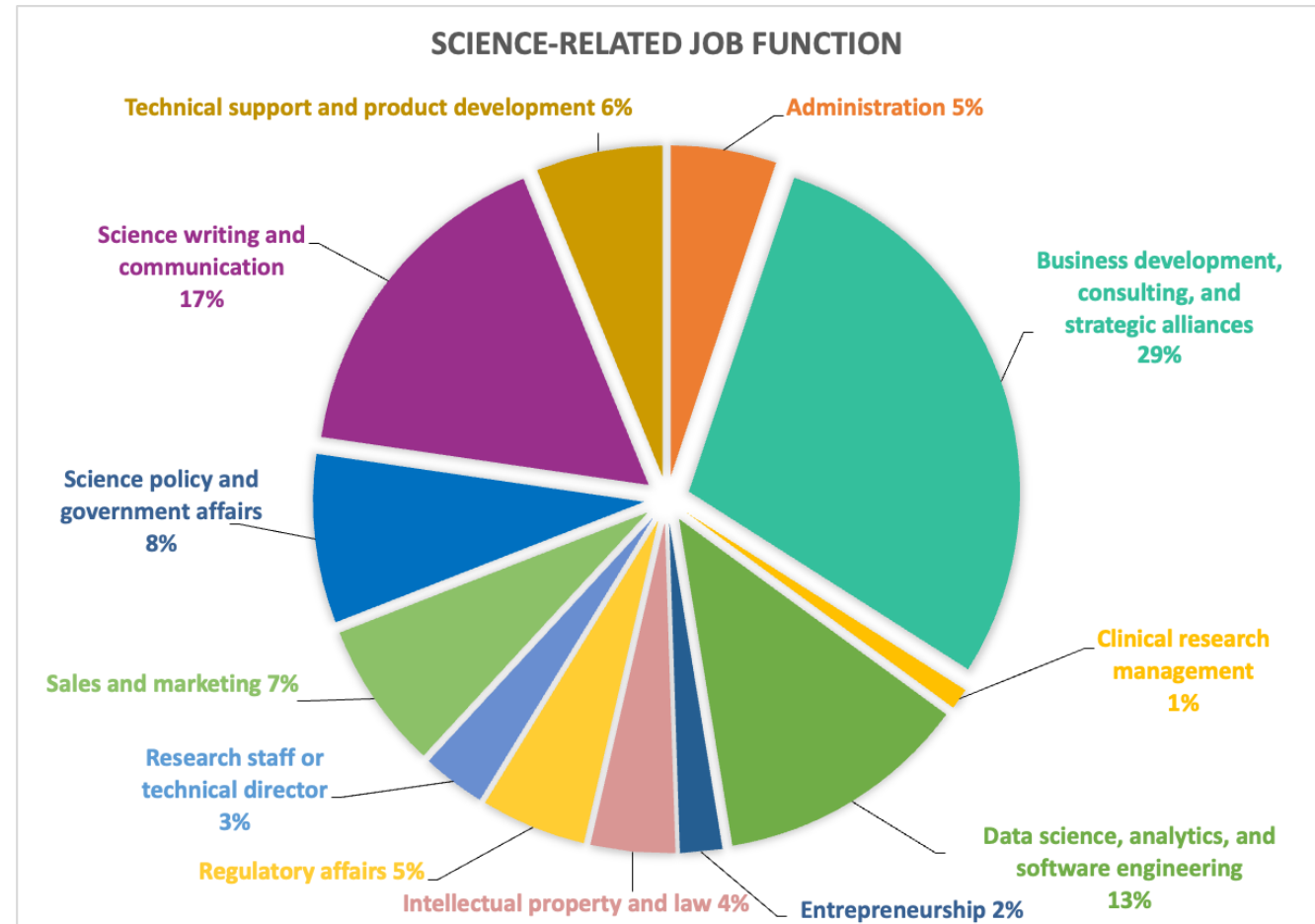


# Science-Related Job Functions

## First Position



## Current Position



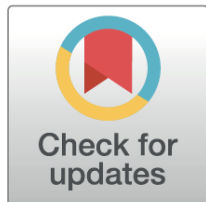
Data analyzed by Janell Mason and Tracy Scott

## META-RESEARCH ARTICLE

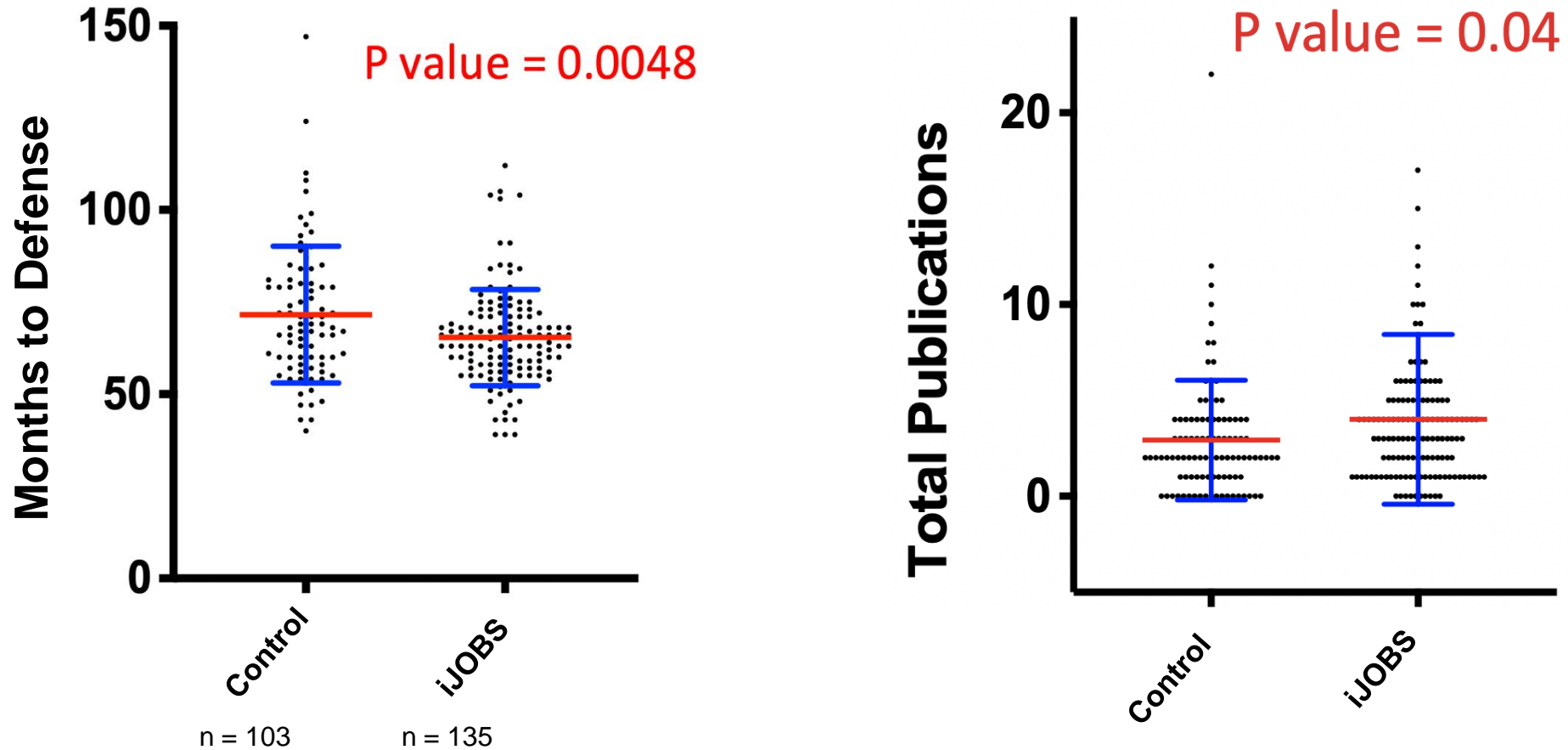
# A cross-institutional analysis of the effects of broadening trainee professional development on research productivity

Patrick D. Brandt<sup>1\*</sup>, Susi Sturzenegger Varvayanis<sup>2</sup>, Tracey Baas<sup>3<sup>aa</sup></sup>, Amanda F. Bolgioni<sup>4<sup>ab</sup></sup>, Janet Alder<sup>5</sup>, Kimberly A. Petrie<sup>6</sup>, Isabel Dominguez<sup>4</sup>, Abigail M. Brown<sup>6</sup>, C. Abigail Stayart<sup>7</sup>, Harinder Singh<sup>8</sup>, Audra Van Wart<sup>9<sup>ac</sup></sup>, Christine S. Chow<sup>10</sup>, Ambika Mathur<sup>10<sup>aa</sup></sup>, Barbara M. Schreiber<sup>4</sup>, David A. Fruman<sup>8</sup>, Brent Bowden<sup>9</sup>, Christopher A. Wiesen<sup>1</sup>, Yvonne M. Golightly<sup>1</sup>, Chris E. Holmquist<sup>1</sup>, Daniel Arneman<sup>1</sup>, Joshua D. Hall<sup>1</sup>, Linda E. Hyman<sup>4<sup>ad</sup></sup>, Kathleen L. Gould<sup>6</sup>, Roger Chalkley<sup>6</sup>, Patrick J. Brenwald<sup>1<sup>ce</sup>\*</sup>, Rebekah L. Layton<sup>1<sup>ce</sup>\*</sup>

**1** University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, United States of America, **2** Cornell University, Ithaca, New York, United States of America, **3** University of Rochester, Rochester, New York, United States of America, **4** Boston University, Boston, Massachusetts, United States of America, **5** Rutgers University, New Brunswick, New Jersey, United States of America, **6** Vanderbilt University, Nashville, Tennessee, United States of America, **7** University of Chicago, Chicago, Illinois, United States of America, **8** University of California-Irvine, Irvine, California, United States of America, **9** Virginia Polytechnic Institute and State University, Blacksburg, Virginia, United States of America, **10** Wayne State University, Detroit, Michigan, United States of America



# 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


# Applying Experiential Learning to Career Development Training for Biomedical Graduate Students and Postdocs: Perspectives on Program Development and Design

**Audra Van Wart,<sup>†‡§</sup> Theresa C. O'Brien,<sup>‡§||\*</sup> Susi Varvayanis,<sup>†</sup> Janet Alder,<sup>#</sup> Jennifer Greenier,<sup>@</sup> Rebekah L. Layton,<sup>\*\*</sup> C. Abigail Stayart,<sup>††</sup> Inge Wefes,<sup>##</sup> and Ashley E. Brady<sup>§§</sup>**

<sup>†</sup>Fralin Biomedical Research Institute and Virginia Tech Carilion School of Medicine, Virginia Tech, Roanoke, VA 24016; <sup>||</sup>University of California San Francisco, San Francisco, CA 94143; <sup>†</sup>Cornell University, Ithaca, NY 14853; <sup>#</sup>Rutgers University, Rutgers, NJ 08854; <sup>@</sup>University of California Davis, Davis, CA 95616; <sup>\*\*</sup>University of North Carolina, Chapel Hill, Chapel Hill, NC 27599; <sup>††</sup>University of Chicago, Chicago, IL 60618; <sup>##</sup>University of Colorado Denver–Anschutz Medical Campus, Aurora, CO 80045; <sup>§§</sup>Vanderbilt University School of Medicine, Nashville, TN 37232

RESEARCH ARTICLE

# Using stakeholder insights to enhance engagement in PhD professional development

**Deepti Ramadoss**<sup>1</sup> <sup>\*</sup>, **Amanda F. Bolgioni**<sup>2</sup> , **Rebekah L. Layton**<sup>3</sup> , **Janet Alder**<sup>4</sup>,  
**Natalie Lundsteen**<sup>5</sup> , **C. Abigail Stayart**<sup>6</sup> , **Jodi B. Yellin**<sup>7</sup>, **Conrad L. Smart**<sup>8</sup>, **Susi S. Varvayanis**<sup>9</sup> 

**1** School of Medicine Office of Graduate Studies, University of Pittsburgh, Pittsburgh, PA, United States of America, **2** Department of Medical Sciences & Education, Boston University, Boston, MA, United States of America, **3** Office of Graduate Education, University of North Carolina, Chapel Hill, NC, United States of America, **4** Department of Neuroscience and Cell Biology and School of Graduate Studies, Rutgers University, Piscataway, NJ, United States of America, **5** Graduate School of Biomedical Sciences, UT Southwestern Medical Center, Dallas, TX, United States of America, **6** Office of Graduate and Postdoctoral Affairs, University of Chicago, Chicago, IL, United States of America, **7** Association of American Medical Colleges, Washington, D.C., United States of America, **8** Laboratory of Atomic and Solid State Physics, Cornell University, Ithaca, NY, United States of America, **9** Graduate School, Cornell University, Ithaca, NY, United States of America

# Peer Communication and Benchmarking



- **Susan Engelhardt**
- Provides an instructional guide for institutions wanting to create or supplement their career and professional development offerings
- Contains perspectives from administrators from the 17 Broadening Experiences in Scientific Training (BEST) institutions
- Addresses what graduate students and postdoctoral populations can implement now to help broaden career outcomes  
[www.elsevier.com/books/BEST/9780128207598](http://www.elsevier.com/books/BEST/9780128207598)

**Editors:** Lorena Infante Lara, Laura Daniel, Roger Chalkley

**Paperback ISBN:** 9780128207598

**Imprint:** Academic Press

**Published Date:** 1st February 2020

**Page Count:** 308

# iJOBS Benefits

## **Rutgers University**

- Recruiting of graduate students
- Takes burden off of faculty for advising towards careers with which they are not familiar
- Student mental health, motivation, productivity
- NIH Training grants require career development component
- Increased interaction between Rutgers and industry

## **Industry Partners**

- Access to highly trained local talent pipeline
- Ability to influence curriculum
- Vet potential hires through shadowing/externship
- Promotion of company brand
- Interactions with academia
- Community and education outreach/service

**Teaches leadership, business, teamwork,  
and communication skills necessary for  
ALL careers.**

# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*



# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*

# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*

# Congratulations to Our Current Phase 3 Trainees!



- Ahimsa Chopra
- Raphaela Imbriani Bento\*
- Luis Garza\*
- Luisa Gomez-Alatorre\*
- Adriana Jones
- Ranjini Kadaba Ramanujam
- Kristyn Lambert\*
- Huyen Le\*
- Shreya Madhavarapu
- Nimisha Nandankar
- Kimberly Newman
- Marijke Rittmann
- Jacqueline Saenz
- Sindhi Sriramoji
- Ifeoma Ugwuanyi
- Cassie Winz\*
- Brian Zalma

\* will present about their experience

# iJOBS Phase II Experience: Raphaela Bento

5<sup>th</sup> year PhD Candidate (Microbiology & Molecular Genetics)



## ❖ Course: From Science to Pharma Certification

- Board-Certified MSL platform for *aspiring* MSLs; 100% online and asynchronous
- Key learning points:
  - How clinical trial protocols are developed across different therapeutic areas
  - Strategies for expanding professional network and navigating different job i



## ❖ Shadowing: Medical Affairs (Host: Amanda Bolgioni-Smith, Med Director - Oncology)

- Followed the launch of a new drug from a Med Affairs perspective: Advisory Boards, MSL training, External Experts (EEs), conference strategies and competitive intelligence
- Met with several GSK Med Affairs employees to discuss their experiences (Med Info, Med Comms, Learning Excellence, Global x Local, Medical x Commercial...)

## ❖ Mentoring: MSL (Dalila Oliveira, MSL - Oncology)

- Career development plans and strategies: how to highlight transferrable skills during interviews
- New project: How to Successfully Transition from Academia to Industry in Med Affairs
  - Advisory Board style with invited EEs → Publish key insights in a manuscript



# Luisa Fernanda Gomez-Alatorre

## Neuroscience PhD

### Course



#### – From Science to Pharma (FSTP) online course

- MSL professional development
- Drug product life cycle
- Medical/scientific exchange
- Data generation and dissemination



### Phase 3 Trainee

Graduate Program in Neuroscience

### Career of interest:

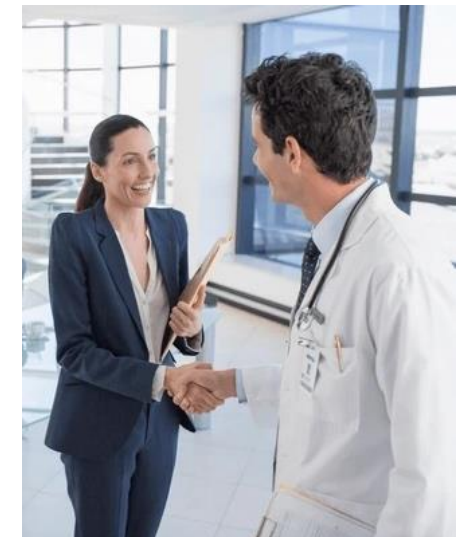
Medical Science Liaison (MSL)

### Shadowing



#### – U.S. Medical Affairs Director, Country Medical Lead Pain:

- Clinical literature review: posters at 2 national conferences and publication
- Support the development and delivery of an advisory board
  - Top expert feedback on current products, new ideas, and concerns to inform future medical strategy in the company
- Cross-functional presentation on a pain disorder
  - Medical affairs, marketing, and innovation functions
- Promotional review meetings: product marketing, legal and medical
- Meet PharmD students and observe their presentations



### Mentoring



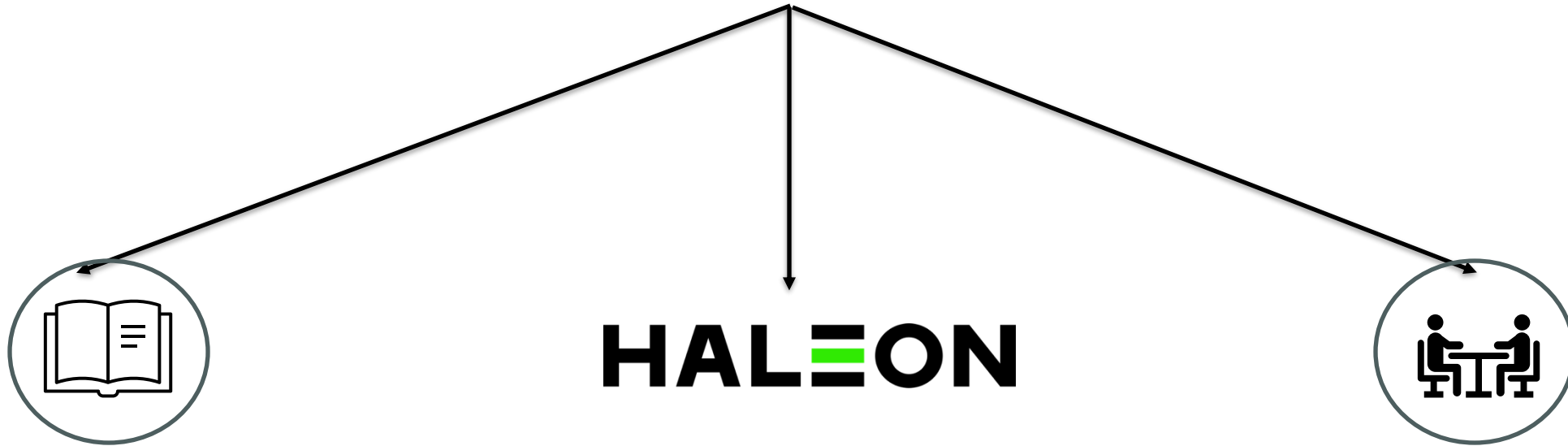
#### – CEO of an MSL recruitment company

- Resources and advice on the resume, interviews, and networking

You get what you put in  
**NETWORK !!! NETWORK !!! NETWORK !!!**

# Luis Garza-iJOBS Phase II Experience (2024)

(Medical Science Liaison Oriented)



## 1. Course: From Science to Pharma

1. Drug development
2. Interview process
3. Identifying key opinion leaders (KOLs)
4. Understanding clinical papers

## 2. Shadowing: Haleon (Consumer Health)

1. Participated in advisory boards with KOLs
2. Networked with past MSLs
3. Worked on future directions for some of their pain products (i.e. advil)
4. Final presentation

## 3. Mentoring: MSL director at Pfizer

1. In person-meetings
2. Upscaling skills
  - Communication
  - Listening
  - Clinical Data Interpretation
3. Next steps on the way to become an MSL

# Kristyn Lambert – iJOBS Phase II Experience

PhD Candidate, Nutritional Sciences

## Careers of Interest: Science Communications & Project Management



### COURSE

**The Business of Science: Drug Development from Molecules to Medicine (M2M)**  
Doreen Badheka, PhD

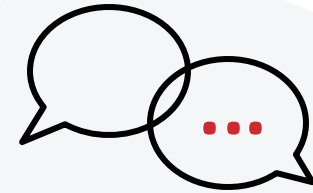
- Great introduction to the biopharmaceutical industry and clinical trials process
- Lectures by Dr. Badheka & guest lecturers
  - Industry professionals who specialized in the field relating to the lecture topic
- Examples of topics: Components of drug development, Precision Medicine/Companion Diagnostics (CDx), Regulatory Affairs, IP Law, Drug Pricing/Market Access
- Knowledge & industry insight gained from the course helped to prepare me for my shadowing experience



### SHADOWING

**Michelle Megnin, MPH**  
Associate Director of Regulatory Medical Writing, Oncology – Johnson & Johnson

- Virtually shadowed team meetings & met one-on-one w/ Michelle weekly
- Introduced to regulatory documents that are submitted to health authorities for new drug applications (NDAs)
- Gained drug development & clinical trials process knowledge
- Appreciation for cross-functional teamwork, communication, and project management
- Networking – Informational interviews (PROs, Clinical/R&D, Medical Affairs, CDx, Plain Language Writing, and more!)



### MENTORING

**Rebecca Baerga, PhD, PMP**  
Director of Global Project & Alliance Management – Merck

- Met virtually several times throughout iJOBS Phase II to review my Individualized Development Plan (IDP) & related topics
- Discussed my intended career path, my relevant skills, and how to frame transferable skills for industry positions
- Discussed strategies for effectively reaching goals by practicing project management skills
- Learned about Rebecca's career path and journey within industry
- Continued to build a supportive network!

# Huyen Le

Nutritional Sciences Graduate Program

## Interests:

- Research Scientist
- Program Management

- **Course:**
  - The Business of Science: Drug Development - From Molecules to Medicine (Fall 2023)
  - Learned the basics of drug development and commercialization process
  - Learned from the experts with guest lectures
- **Mentoring:** (Fall 2023 – Spring 2024)
  - Garima Sinha – Lead Application Scientist @Croda Pharma
  - Learned about research scientist career path, had IDP and resume reviewed, and received advice on graduate school and career development.
- **Shadowing:** (Spring 2024)
  - Cindy Leiton – Development Program Manager @Regeneron
  - “Met” Cindy at What Can You Be with a PhD? in October 2023
  - Attended forums and got exposed to systems and tools used by a PM
  - Informational interviews with individuals from various departments (clinical research, scientific writing, etc.)



# Cassie Winz - 5<sup>th</sup> Year PhD Student in the Joint Graduate Program in Toxicology

## Phase II - Fundamentals of Regulatory Affairs

- Learned about the critical role regulatory affairs plays in ensuring the safety, efficacy, and quality of pharmaceutical products, from early drug development stages through post-market surveillance.

## Phase II – Mentor Pairing

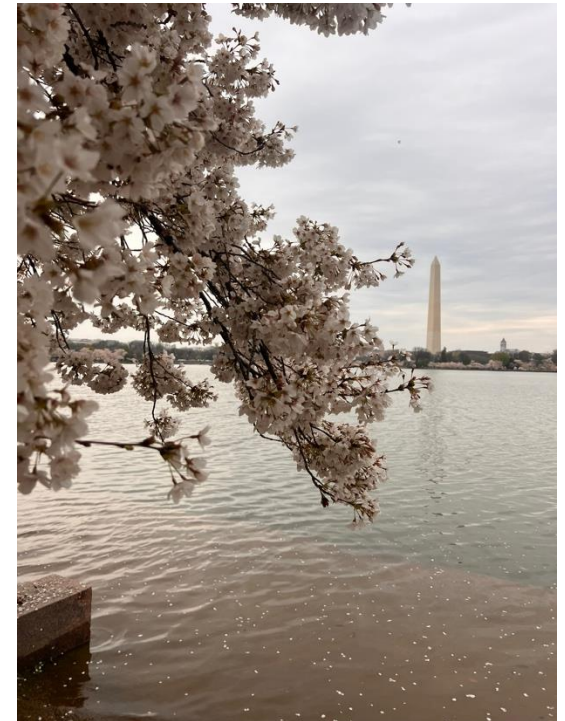


**Josephine Bonventre**  
Research Scientist at NJDEP

## Phase II – Shadowing Experience

- Shadowed Dr. Eileen Murphy,

Director, USEPA Existing Chemicals Risk Management Division



# RUTGERS

THE STATE UNIVERSITY  
OF NEW JERSEY

## Attestation of Completion

is hereby granted to

**Trainee Name**

to certify that he/she has completed to satisfaction

## iJOBS

### interdisciplinary Job Opportunities for Biomedical Scientists

iJOBS training involves exposure to academic and non-academic career options with a PhD in life sciences as well as training in leadership, business, and communication skills. Practical experience includes company externships, case studies and coursework in the area of interest.

Granted: November 1, 2024

*Janet Alder*

*D. Badheka*

---

iJOBS Co-directors:  
Janet Alder, Doreen Badheka

# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*

# Agenda for today

**9:30 AM – 10:00 AM Welcome and iJOBS Program Update**

*Janet Alder, Co-Director*

*iJOBS Program at Rutgers University*

**10:00 AM – 11:00 AM Professional Development Workshop**

*Regeneron Human Resources and Talent Acquisition Smita Pillai, Walter Offiah and Alex Steele*

*“Navigating your career Journey”*

**11:00 AM – 11:15 AM Break**

**11:15 AM – 11:45 AM Let’s Hear from Our Phase 3 Trainees!**

*Facilitated by Doreen Badheka, Co-Director*

*iJOBS Program at Rutgers University*

**11:45 AM – 12:45 PM Keynote Speaker**

*Dr. Marisa Dolled-Filhart PhD Global Team Lead at Daiichi Sankyo*

*“From Molecules to Mentors: Navigating a Career in Drug Development and Building a Professional Network”*

**12:45 PM – 2:00 PM Career Cluster Meetings and Networking Lunch**

*Industry Professionals and fellow trainees share advice during networking lunch.*

# Career Cluster Meetings and Networking

## Questions to prompt discussion:

- 1) What sparked your interest in this career path?
- 2) If I could do take one concrete action prior to my job search to help me get into this field specifically, what would that be (e.g. practice case studies, get teaching experience, get a certification, build a writing portfolio, learn a specific lab technique that is in high demand)?
- 3) What do you think is one challenge or negative aspect of this career path?
- 4) What personal attributes and transferrable skills are most essential for success in this career path?