



Weldon Graduate Program Announcements April 24th, 2024

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Career and Internship Opportunities

Internship Positions

- [Clinical Trials Intern, SRI](#)

Postdoctoral Positions

- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full Time Positions

- [Associate Principal Scientist, Biologics Process Development, Merck](#)
- [Pharmaceutical Project Engineers, VTI Life Sciences](#)
- [Biomedical Engineer, Contract, MedLance](#)
- [Manufacturing Associate I or 2, Capricor](#)
- [Biomedical Engineer/Clinical Engineer, Blue Water Thinking](#)
- [Purdue Start-up Job Board](#)—Foundry Start Up Companies Looking to Hire
- [ACTS Career Center](#)—Association for Clinical and Translational Science
- [Academic Careers](#)
- [Doc Jobs](#)—Jobs beyond traditional clinical and academic roles

2024 Purdue Systems Collaboratory Summit (PSC) *See attached*

**SESSIONS, PANEL DISCUSSIONS
AND LIGHTNING TALKS***

**POSTER SESSION
(WITH PRIZES)**

SESSION ON COMPLEX SYSTEMS

It's a Complex World
Your Career is a Complex System

PANEL DISCUSSION

Purdue Systems Collaboratory tackling Global Challenges

SESSION ON AI & NETWORKS

Learning on Higher Order Networks
Redundancy in the Structure and Dynamics of Complex Networks

PANELISTS, SPEAKERS, AND PARTICIPANTS*

DR. ARVIND RAMAN

JOHN A. EDWARDS DEAN OF THE COLLEGE OF ENGINEERING,
ROBERT V. ADAMS PROFESSOR IN MECHANICAL ENGINEERING,
PROFESSOR OF MATERIALS ENGINEERING

STEVE RECORDS

EXECUTIVE DIRECTOR, INCOSE

DR. JAROSLAW HAREZLAK

DEPT. OF EPIDEMIOLOGY AND
BIOSTATISTICS, INDIANA UNIVERSITY

DR. JASON REINHARDT

NATIONAL SECURITY ANALYST FOR
SANDIA NATIONAL LABORATORIES

DR. LUIS ROCHA

SYSTEMS SCIENCE AND
INDUSTRIAL ENGINEERING DEPT.
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON



**SUMMIT
REGISTRATION**

Registration deadline:
April 25, 2024.

<https://bit.ly/summit24-reg>



**ABSTRACT
SUBMISSION**

Abstract deadline:
April 19, 2024.

<https://bit.ly/summit24-abstract>

*FOR FULL LIST OF PANELISTS, SPEAKERS, AND TOPICS
<https://bit.ly/psc-summit-2024>



Graduate Professional Development Newsletter (April 19)

[Graduate Professional Development Newsletter \(April 19\)](#)

Registration OPEN for the 2024 Hitchhiker's Guide to the Biomolecular Galaxy



Registration is officially **open** for the 2024 Hitchhiker's Guide to the Biomolecular Galaxy! Please register using this [link](#).

Hitchhiker's Guide to the Biomolecular Galaxy Symposium brings together undergraduate students, graduate students, post-doctorates, and faculty throughout the Midwest who are all striving to share and gain more insight into various biophysical approaches. The Hitchhiker's symposium will be held on **May 23-24, 2024**, in Armstrong at Purdue University.

Registration is completely free with breakfast, lunch, coffee, and snacks provided both days. The symposium will include a keynote address given by **Dr. Jin Zhang** from the University of California San Diego. Dr. Zhang's research contributions were recognized by numerous awards. Her lab developed a series of molecular tools and

fluorescence imaging technologies to understand the spatiotemporal regulation of cell signaling. Dr. Zhang's lab website is provided here: <https://jinzhanglab.ucsd.edu/>

We will be hosting pre-symposium events on **Wednesday, May 22nd 2024**. Our pre-symposium events are focused on advancing careers with professional development and implementing diversity and inclusion in our field, along with social and networking opportunities with other researchers at Purdue and the Midwest! Each day of the symposium will consist of seminar style lectures where graduate students, postdoctoral fellows, undergraduates, faculty, and visitors can share their work. If you would like to present an oral presentation, please submit an abstract when registering by **May 10, 2024**.

The first day will also include a two-hour workshop session with four technical workshops:

- Easy (and accurate) structure modeling & validation on web server for cryo-EM
- An introduction to 3D Molecular movies (PyMOL, Chimera, Blender/Maya)
- Figure Making and Ethics
- Quantitative proteomics

When registering for the symposium, participants will rank the order of workshops they are interested in (1 being the most likely). Participants will be placed in each workshop on a first-come, first-serve basis upon registering until the workshop reaches maximum capacity.

On the second day of the symposium, we will be hosting a two-hour poster session. If you would like to participate in this poster session, please submit an abstract by **May 10, 2024**, when registering for the symposium! Awards will be given to the Top 3 posters and oral presentations, with a People's Choice award at the end of the second day.

Hope to see you all there!

On behalf of the 2024 organizing committee:

Co-Chair, Kadidia Samassekou (Department of Chemistry)

Co-Chair, Vaani Ohri (Department of Biological Sciences)

Kadir Ozcan (Department of Biological Sciences)

Hanna Bovill (Department of Chemistry)

Ketaki Mahurkar (PULSe/Department of Chemistry)

Michelle Bush (Department of Biological Sciences)

Ryan Peters (Department of Biological Sciences)

Hunain Janjua (PULSe/Department of Biological Sciences)

Faculty Mentor: Dr. Lauren Ann Metskas (Department of Biological Sciences and Chemistry)

FAA National Air Grant Fellowship Opportunity

See attached

I want to share with the ASCENT community information about FAA's Samya Rose Stumo National Air Grant Fellowship program.

About the Program: Each Fellow will spend a year with a Congressional office that has jurisdiction over the FAA. A fellow may serve as an expert liaison and researcher for a Congressional committee and may participate in FAA program activities to further develop their knowledge and skills. The program is designed to offer graduate students a hands-on experience at navigating public policy issues related to their field of expertise. FAA seeks participants in fields related to aerospace. A flyer is attached with more information. Note that FAA hired three National Air Grant Fellows from the 2023 cohort.

FELLOWSHIP AWARD INFORMATION

The Samya Rose Stumo National Air Grant Fellowship program anticipates supporting multiple fellowships each calendar year.

- The application period for the 2025 cohort is December 1, 2024 through January 31, 2025.
- Length: 12-month, non-renewable fellowship assignment
- Start date: Late June/July of 2025

More details are available at <https://www.faa.gov/nagf>

Explore Postdoc Opportunities: Virtual Seattle DROP Recruitment Event May 7th

See attached

Explore engaging postdoc opportunities in Seattle, WA! Join us on May 7th from 8am-2:30pm PST for **Seattle DROP** (Diverse Research Opportunities for Postdocs), a virtual postdoc recruitment event for biomedical researchers seeking the next step in your scientific journey. This event is a collaboration between the [Fred Hutchinson Cancer Center](#), [University of Washington](#) and [Seattle Children's Research Institute](#).

Enjoy lunch on us via a delivery voucher for the first 250 registrants within the US! *Individuals from groups who are underrepresented in biomedical research are especially encouraged to attend.* Open to all who register.

[Register here](#)

Agenda includes:

- **Connect** with experts in a NIH T32 PI research showcase
- **Engage** with current postdocs about their research, our vibrant scientific community and life in Seattle
- **Enjoy** a stimulating conversation about “The Importance of Choosing the Right Mentor,” with Dr. Harmit Malik, Dr. Sharona Gordon and Dr. Beth Lawlor
- **Learn** how our institutions empower all scientists to succeed by “Celebrating Our Identities in the Pacific Northwest,” spotlighting DEI initiatives and affinity groups
- **Interact** with representatives at each institution and learn more about resources at institution-specific break-out sessions

[Register here](#)

Questions? Please contact seattledrop@cancerconsortium.org



Job Vacancy for Grad Students: Become a C.A.V.E. Academic Mentor!

See attached

My name is Greg Ricketts, and I am a graduate assistant at the Center for Academic Vision and Enrichment (C.A.V.E.).

Every semester, we use academic mentors to assist our student-athletes in the C.A.V.E. These mentors assist and engage with student-athletes in understanding assignments, proofreading, test preparation, organization, and time management. We are looking for graduate students to help this upcoming summer and fall 2024. More information on the application process and the C.A.V.E. is attached below. This position is compensated **but does not provide graduate funding.**

Interested applicants can apply here: https://careers.purdue.edu/default/job/C_A_V_E-Mentor-Student/3035-en_US

Workshops and Deadlines

Here are some upcoming workshops and deadlines more detailed information about the workshops will be sent out separately closer to the event.

April 24 th	Plaksha University Information Session & Faculty Opportunities (GSPD)
April 24 th & 25 th	Cornerstone Autism Center Virtual Job Fair (CCO)
April 25 th	Deadline to register for Purdue Systems Collaboratory Summit @ Stewart Center (Register)
April 26 th	Deadline to submit pre-proposal for Chorafas Foundation Award (COE)
April 26 th	Deadline for Schmidt Science Postdoc Fellowship Nominations (More Info)
April 26 th – May 3 rd	NICHES 5 th Annual War of the Weeds (CCO)
April 29 th	Fellowship Office Hour for Grad Students and Postdocs (GSPD)
May 1 st	OIGP Spring Reception, 9:30 am – 3:30 pm PMU Ballrooms & East Faculty Lounge
May 8 th	NIH Fellowship F31 Information Session (GSPD)
May 9 th	NIH F32 and K99/R00 Info Session (GSPD)
May 9 th	Graduate Gateway: Caps Off Celebration 2024 for 2024 graduates (CCO)
May 11 th	Graduation Commencement Reception for Family & Friends (MJIS Atrium 9 – 11:30a)
May 14 th	How to Find and Prepare for Fellowship Applications (GSPD)
May 14 th - 17 th	17 th Annual NIH Virtual Career Symposium (Register Here)
May 15 th	Fellowship Office Hour for Grad Students and Postdocs (GSPD)
May 16 th	Postdoc Houston Virtual Recruitment Event (Register Here)
May 16 th	Business Meal Etiquette (GSPD)
May 17 th	Applications due for Rising Stars in Engineering in Health Workshop (Apply Here)
May 21 st	Research with Scite.ai (GSPD)
May 22 nd	Hitchhiker's Guide to the Biomolecular Galaxy pre-symposium events (Info Here)
May 22 nd	Success over Stress (GSPD)
May 23 rd	NSF Fellowship Help Session (GSPD)
May 23 rd & 24 th	Hitchhiker's Guide to the Biomolecular Galaxy Symposium (Info Here)
June 4 th	Publishing a Scientific Paper (GSPD)
June 11 th	Citation Management with Zotero (GSPD)
June 13 th	Business Meal Etiquette (GSPD)
June 14 th	NSF Fellowship Help Session (GSPD)
June 17 th	NSF Personal Statement Writing Workshop (GSPD)
June 18 th	Fellowship Office Hour for Grad Students and Postdocs (GSPD)
June 19 th	Research with Scite.ai (GSPD)
June 20 th	RCR: Discipline-Specific Training (GSPD)
June 21 st	NSF Fellowship Help Session (GSPD)
June 24 th	Conference Paper Writing and Presenting: Strategies for Success (GSPD)
July 16 th	Citation Management with Zotero (GSPD)
July 17 th	Business Meal Etiquette (GSPD)
July 19 th	RCR: Discipline-Specific Training (GSPD)

News from You

Please inform Tammy of honors, awards, or other accolades (to include having a paper published) you receive so that the Weldon School may recognize your accomplishments. Send the complete information – specific title and nature of the award, name of conference or event at which award was given, date of said event, photograph if available, etc. – to tsiemers@purdue.edu.