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### **Career and Internship Opportunities**

#### **Internship Positions**

- [Moderna Co-ops](#)
- [Biodesign Intern, Teleflex](#)
- [OrthoBiologics/Vet Engineering and Research Co-op, Arthrex](#)

#### **Postdoctoral Positions**

- [Postdoctoral Associate, Bioengineering, Rice University](#)
- [Postdoctoral Fellow, Biomedical Engineering, Stevens Institute of Technology](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

#### **Full Time Positions**

- [Associate Scientist, Tissue Engineering, United Therapeutics](#)
- [Image Research Scientist, Maxar](#)
- [Advanced Imaging Research Scientist, Maxar](#)

- [Biomedical Engineer/Clinical Engineer, Blue Water Thinking](#)
- [Senior Applications Engineer, MilliporeSigma](#)
- [Research Associate II, Protein Engineering, Astellas](#)
- [Clinical Engineer, Biomedical, York Hospital](#)
- [Biomedical Engineer, Defense Logistics Agency](#)
- [Scientist, Protein Engineering, Bristol Myers Squibb](#)
- [Engineer II, Development Quality, Abbott](#)
- [Test Engineer II, Abiomed](#)
- [Sr. Clinical Engineer, Lifespan](#)
- [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

## Graduate Professional Development Newsletter (April 14)

[Graduate Professional Development Newsletter \(April 14\)](#)

## Get Professional Headshots at No Cost!

A new option is now available for faculty, staff, and students to get a **professional headshot at their convenience and at no cost**. A self-service portrait booth is open in the Boilermaker Station Welcome Center in Stewart Center, Room 102. The booth is available without an appointment Monday through Friday from 8 a.m. to 5 p.m.

The booth features:

- High-quality studio lighting and photography equipment
- Allows users to approve or retake photos and displays tips on posing
- Instantly delivers digital images via email

This might be a good option for incoming students and staff for photo headshots.



## Share your STEM inspiration! Regeneron Crowdsourcing Competition

The biotechnology company, Regeneron, is hosting a [crowdsourcing competition](#) in partnership with nonprofit Base 11 that is asking for the story of the person who inspired you to pursue a degree or career in STEM.

Whether it's a family member, teacher, mentor, or role model, we want to hear about the individuals who have made a lasting impact on your life and inspired you to make a difference in the world through STEM. The overall goal of this initiative is to help empower our future STEM workforce by creating a platform for a new wave of inspirational and relatable role models, showcasing them as the unseen heroes of our world.

Up to 10 winners will share a \$9,500 prize and have the opportunity to visit Regeneron and learn about potential job opportunities. [Submit your story on HeroX](#) by April 18th in order to be considered.

Learn more about what's required and any eligibility restrictions [here](#).

## Postdoc Houston - Virtual Recruitment Event on May 18

See Attached

The Postdoc Offices at Baylor College of Medicine, Houston Methodist, UT MD Anderson Cancer Center, and UTHealth Houston invite you to attend Postdoc Houston. Postdoc Houston is a FREE virtual event for prospective postdocs on **May 18, 2023, from 11 a.m. to 2 p.m.** Central Time.

- Discover the Texas Medical Center, the largest medical complex in the world.
- Learn why Houston is a great place to live and work.
- Explore postdoctoral opportunities at our institutions.
- Meet current postdocs and institutional representatives.

Learn more and register to attend [HERE](#).

## New Fall Course: BME 595-VR Anatomy for Engineering Medicine

*See Attached*

## Strategies for Effective Public Engagement

Do you have students who wish to improve their public engagement skills and make a positive impact on society? Let them know about "[Strategies for Effective Public Engagement](#)" ([SEPE](#)), a new online video course developed by the [Yale Ciencia Academy \(YCA\) for Professional Development](#) in collaboration with [CienciaPR](#), the [Science Communication Lab](#), and [iBiology](#).

[SEPE](#) comprises 10 short videos that introduce essential concepts that provide practical tips for planning and executing effective public engagement projects. The course is centered on reflexivity and ethical engagement, taking the audiences and practitioner's culture and identity in mind. At the end of the course, students receive a certificate of completion and a digital badge to post on social media, showcasing their newfound knowledge and skills.

[SEPE](#) is now available, and we would appreciate your help in sharing this email and the [attached flyer](#) among your graduate students, undergraduate alumni, mentees, colleagues, and others who could benefit from it. This course is perfect for scholars, researchers, practitioners, or anyone interested in effective public engagement. [A preview of the course can be found here](#).

## PurSyst Research Colloquium #6 Spring 2023

Purdue Systems Thinkers (PurSysT) would like to invite you to our sixth Research Colloquium this **Thursday, April 20th from 5:30 pm – 7:00 pm (EST)**. This meeting will be hybrid in nature with the details below and on the flyer (attached in-text). Our speaker will be **Kevin Griffith**, a senior technical researcher at Sandia National Labs.

He will be delivering on the topic: **The role of Systems Analysis at Sandia National Labs**. Also, Kevin's talk will provide an insight into how his team at Sandia partners with and support U.S. government agencies and commercial organizations on technical programs that involve system and system-of-systems (SoS) reliability, readiness, sustainment and related technologies.

Location: WALC 3127 (In-person) | Refreshments to be provided

Meeting link (Joining

Online): <https://purdue.webex.com/purdue/j.php?MTID=m060ed3d59c2f3243483b6ceabd9e0d25>

Meeting number: 2622 503 7198

Meeting Password: PurSysT

**PurSysT Research Colloquium Spring 2023 Series #6**

## THE ROLE OF SYSTEMS ANALYSIS AT SANDIA NATIONAL LABS



- Kevin Griffith holds a B.S. Industrial Engineering from Purdue University, M.S. Operations Research from Georgia Tech, and started his career working as an associate in data analytics at J.P. Morgan. He is currently a senior member of technical staff within the Systems Analysis group at Sandia National Laboratory. He has broad interest in analysis of complex systems and applications of mathematical modeling.
- Kevin's talk will be about his role in Systems Analysis at Sandia National Labs. Also, his presentation will provide an insight into how his team at Sandia partners with and support U.S. government agencies and commercial organizations on technical programs that involve system and system-of-systems (SoS) reliability, readiness, sustainment and related technologies.

**Thursday, April 20<sup>th</sup> @ 5:30PM EST**

**WALC 3127 (In-person)|Refreshments provided**

**WebEx: <https://tinyurl.com/252hk57e>**

**Meeting no: 2622 503 7198 Password: PurSysT**



*Start the conversation.  
Tackle complex problems.  
Move the world forward.*

### Yale University Virtual Postdoc Recruitment Event - May 5, 2023

Yale University's Office for Postdoctoral Affairs is hosting its [Virtual Postdoc Recruitment Event](#) on **May 5 at 12pm Eastern Time on Zoom** and engages scholars interested in pursuing postdoctoral training at Yale University. Our goals are to support potential postdocs in their career exploration and identifying next steps,

engage with potential postdocs from underrepresented and historically excluded groups, and increase awareness of the experience of and resources supporting Yale postdocs.

Participants will have the opportunity to:

- Hear about postdoctoral research at Yale in an information session
- Engage with current Yale postdocs and available resources in a virtual meet and greet
- Hear from and ask questions of current Yale faculty
- Participate in a mini-mentoring workshop

As part of the event, we will highlight current and future postdoctoral opportunities at Yale and how to follow up with the corresponding hiring departments and faculty. All participants will receive a Grubhub voucher to express our thanks for participating.

Please find full details [on our webpage](#), including [the registration form](#). A pdf version of the registration form (for reference) can be found [linked here](#).

### **Eligibility:**

We recommend participation by: current PhD, MD or MD-Phd students who are nearing completion of their degree and recent doctoral graduates (within 1-2 years of doctoral degree completion).

*While there is no citizenship requirement to participate, please note that some postdoctoral positions, because of the nature of their funding sources, are limited to those holding US citizenship.*

### **Postdoc Recruitment Virtual Open House at Sanford Burnham Prebys**

The Office of Education, Training, & International Services at Sanford Burnham Prebys, a biomedical research institute in La Jolla, California, invites you to attend a Postdoc Recruiting Virtual Open House. This virtual event for advanced graduate students and prospective postdocs will be held on May 15, 2023, 10 am - 5 pm Pacific Time with the flexibility to attend the sessions you are most interested in.

Meet faculty, current postdocs, and postdoc alumni!

Learn more about postdoc funding opportunities, our core facilities, the postdoc training environment, and career and professional development programs!

For more information and to register: <https://sbpdiscovery.org/calendar/postdoc-recruitment-virtual-open-house>.

### **You're invited! CoE Student Town Hall with Dean Raman**

Our new dean, Dr. Arvind Raman, invites you to a **CoE Student Town Hall!**

The main goal for the town hall is to seek input and advice on the College's priorities for the coming years.

**When:** Friday, April 28<sup>th</sup>

**Where:** Purdue Grad Student Center, Northwestern Ave.

**Time:** 10:30-11:30a

Virtual option available: [Zoom](#)

**Please bring a laptop or smart phone.** This will be an interactive session!

Light refreshments will be served!

See you then!

### **Dine and Talk with Dr. Drake MacArthur 4/28, 1-3 p.m. (From Engineering to Medicine and beyond)**

*See Attached*



Would you like to know how to use your engineering degree in medicine or BME? Come and talk with an expert that has achieved success in the medical field with an engineering degree. Free food will be served. [RSVP by clicking here!](#)

[Check out his bio by clicking here!](#)



The poster features a circular portrait of Dr. Drake MacArthur, a Black man with a beard, wearing a brown suit and a patterned tie. Below the portrait, the text reads: **DR. DRAKE MACARTHUR**, B.S.M.E, M.S., BME, M.D. The event details are: Friday, April 28, 2023, 1-3pm, MEP Academic Success Center, LAMB 2235. A description of the event states: Meet, greet, and dine with Dr. MacArthur Drake as he invites students interested in BME and medicine. Learn how to use your engineering degree beyond the scope of engineering. Food will be served for free. The bottom of the poster features the Purdue University logo and the text: Minority Engineering Program.

## Northwestern University and ShirleyRyan Ability Lab Post Doctoral Fellowship Openings - Apply today!

*See Attached*

Northwestern University, in collaboration with the Shirley Ryan AbilityLab (formerly the Rehabilitation Institute of Chicago), announces several post-doctoral fellowship positions. All positions are two-year, full-time fellowships that provide an opportunity for individuals who have completed a Ph.D. or other terminal degree to gain expertise and experience in health services research broadly, with the goal of preparing for a scholarly career. All openings are funded by the National Institute on Disability, Independent Living, and Rehabilitation Research; research activities must relate to NIDILRR's Long Range Plan.

Post-Doctoral Fellows gain experience in a full range of research-related activities, developing publications and grant applications. Positions begin preferably between Summer and Fall 2023. Applicants should specify which of four funding mechanisms, described below, are best aligned with their interests and goals.

Employment research-focused fellowships are funded by two mechanisms. The first funding mechanism, the Rehabilitation Research and Training Center on Employment for People with Physical Disabilities, aims to (1) Conduct a randomized control trial of a telehealth pain self-management intervention, (2) Assess employer-, client-, job-, and environment-related barriers and facilitators of job retention, (3) Evaluate an implementation science approach to employment interventions in people with Parkinson's disease, and (4) Evaluate a decision aid to job seekers on how and when to disclose the need for job accommodations. The Post-Doctoral Fellow will assist in the execution and implementation of scientific research and development in collaboration with a research team based at the Shirley Ryan AbilityLab.

The second employment-related fellowship opportunity is funded by an Advanced Rehabilitation Research Training award to Northwestern University. The Post-Doctoral Fellow will develop one or more research projects, develop grant applications, publish manuscripts, enroll in coursework, and receive mentoring in preparation for a scholarly career.

In addition, there are opportunities for post-doctoral fellows interested in research involving **home-and community-based services** (HCBS) and **community living and participation**. The HCBS opportunity stems from a Rehabilitation Research and Training Center on [Home and Community Based Services](#) awarded to the Shirley Ryan AbilityLab. Center aims are to (1) Identify and test promising measures, (2) Identify promising HCBS practices and requisite service-delivery competencies, (3) Develop and pilot test an intervention for HCBS using manualized training materials that support person-centered care delivery and coordination, and (4) Work closely with NIDILRR and other Administration for Community Living centers to ensure the RRTC's activities are informing and informed by other HCBS quality initiatives. A fellow will have opportunities to work with a team that develops person-centered outcome measures, defines best practices and competencies, and designs and conducts a training intervention.

The last funding opportunity stems from an Advanced Rehabilitation Research Training award focused on NIDILRR's **community living and participation** priority awarded to Northwestern University. The Post-Doctoral Fellow will develop one or more research projects, develop grant applications, publish manuscripts, enroll in coursework, and receive mentoring in preparation for a scholarly career.

Information about and application requirements are available on the Integrated Program in Health Services and Outcomes Research website: <https://www.feinberg.northwestern.edu/sites/cehs/fellowships/index.html>

Contact Allen Heinemann at 312.238.2920 or [a-heinemann@northwestern.edu](mailto:a-heinemann@northwestern.edu) for questions about eligibility and program fit. We encourage applications from women, minorities, and persons with disabilities.

Northwestern University and Shirley Ryan AbilityLab are affirmative action, equal opportunity employers.

## 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 19 <sup>th</sup>                   | Copyrights: An Overview for Scholars ( <a href="#">Grad School</a> )                                          |
| April 19 <sup>th</sup>                   | Elevator Pitch Workshop ( <a href="#">Grad School</a> )                                                       |
| April 19 <sup>th</sup>                   | Writer's Room 3 – 5 pm ( <a href="#">Sign Up</a> )                                                            |
| April 19 <sup>th</sup>                   | 2023 Inaugural Tyler Symposium: Honoring Leaders in Pharmaceutical Sciences ( <a href="#">Register</a> )      |
| April 19 <sup>th</sup>                   | Industry Career Exploration & Application Materials Workshop ( <a href="#">Enroll Here</a> )                  |
| April 20 <sup>th</sup>                   | Credit cards and Credit Scores ( <a href="#">Grad School</a> )                                                |
| April 20 <sup>th</sup>                   | Secrets to Industry Interviewing Workshop ( <a href="#">Enroll Here</a> )                                     |
| April 20 <sup>th</sup>                   | PurSysT Research Colloquium #6 Spring 2023                                                                    |
| April 24 <sup>th</sup> -25 <sup>th</sup> | Facilitating Entering Mentoring Workshop ( <a href="#">CIMER</a> )                                            |
| April 26 <sup>th</sup>                   | Writer's Room 3 – 5 pm ( <a href="#">Sign Up</a> )                                                            |
| April 28 <sup>th</sup>                   | Free Webinar on Hong Kong Medical Device Regulatory Update ( <a href="#">Register</a> )                       |
| May 1 <sup>st</sup>                      | Online Career Workshop: What Employers Value About Your Degree ( <a href="#">Register</a> )                   |
| May 2 <sup>nd</sup>                      | Online Career Workshop: How to Write a Resume ( <a href="#">Register</a> )                                    |
| May 3 <sup>rd</sup>                      | Online Career Workshop: How to Network When You Don't Have a Network ( <a href="#">Register</a> )             |
| May 3 <sup>rd</sup>                      | OIGP Annual Spring Reception ( <a href="#">OIGP</a> )                                                         |
| May 4 <sup>th</sup>                      | Using LinkedIn in Your Job Search ( <a href="#">Register</a> )                                                |
| May 5 <sup>th</sup>                      | Online Career Workshop: How to find Jobs During Times of Mass Layoffs/Recessions ( <a href="#">Register</a> ) |
| May 6 <sup>th</sup>                      | Deadline to pass the prelim in order for it to count as Spring 2023                                           |

|                                         |                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------|
| May 6 <sup>th</sup>                     | Beyond the Professoriate's Online Career Panels from 11a – 3p ( <a href="#">Register</a> )      |
| May 11 <sup>th</sup>                    | 2023 BME GSA Graduate Research Symposium                                                        |
| May 18 <sup>th</sup>                    | Postdoc Houston – Virtual Info Session for Prospective Postdocs ( <a href="#">Register</a> )    |
| May 22 <sup>nd</sup>                    | Deadline to apply for Trailblazers in Engineering (TBE) Workshop ( <a href="#">Apply Here</a> ) |
| May 24 <sup>th</sup> -25 <sup>th</sup>  | Facilitating Entering Mentoring Workshop ( <a href="#">CIMER</a> )                              |
| July 24 <sup>th</sup> -25 <sup>th</sup> | Facilitating Entering Mentoring Workshop ( <a href="#">CIMER</a> )                              |

## 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](mailto:tsiemers@purdue.edu).*