



Weldon Graduate Program Announcements

August 23rd, 2023

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Career and Internship Opportunities

Internship Positions

- [Mechanical Engineer, Co-op, Abiomed](#)
- [Research and Development Engineer Intern, Procter & Gamble](#)
- [Research Engineering Intern, ConMed](#)
- [Research Intern, Antibody Therapy, Luye Pharma Group](#)
- [Co-op, Systems Engineering, Fresenius Kabi](#)
- [Engineering Assistant Co-op, Exponent](#)
- [R&D Co-op Quality Engineering, Johnson & Johnson](#)
- [Mechanical Engineering Co-op, Mammutome](#)
- [2024 Co-op, Chemical & Biomedical Engineering, Regeneron](#)
- [Intern/Co-op, Teva Pharmaceuticals](#)
- [Biomedical Technician Intern, GE HealthCare](#)
- [2023 Co-op Chemical & Biomedical Engineering, Regeneron](#)

Postdoctoral Positions

- [Postdoctoral Fellowship, Tissue Engineering National High Magnetic Field Laboratory](#)
- [Postdoctoral Scientist, Protein Engineering, CrossLife Technologies](#)
- [Multiple Post-Doctoral Positions, MRI Engineering and Pulse Sequence, Northwestern](#)
- [Postdoctoral Research Associate, Biomedical Engineering, Washington University](#)

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

Full Time Positions

- [PGS Rotational Development Program, Pfizer](#)
- [Medical Device Product Development Engineer, MedLance](#)
- [Microfluidics Engineer, Fluxtek Solutions](#)
- [Microfluidics Engineer](#), Beckman Coulter (Contract Position)
- [Scientist II—Bioprocessing, Center for Innovations and Biodesign, BioBridge](#)
- [R&D Engineer, Atteeca](#)
- [Biomechanical/Biomedical Research Engineer, Gen Nine, Inc.](#)
- [Tissue Engineer I, Baylor College of Medicine](#)
- [Senior Engineer, Katalyst Healthcares & Life Sciences Inc.](#)
- [Research Associate/Research Engineer, Staff Position, Cleveland Clinic](#)
- [Biomedical Engineer I or II, HJF](#)
- [Scientist II, Sangamo Therapeutics](#)
- [Product Development Engineer II, TE Connectivity](#)
- [Clinical Research Coordinator, Emory University](#)
- [Product Development Engineer II, Cardiology, Abiomed](#)
- [Senior Shoulder Arthroplasty Development Engineer, Genesis Innovation Group](#)
- [Bioprocess Engineer, Boston Bioprocess](#)
- [Research Scientist, Lentiviral Vectors Downstream Process Development, Novartis](#)
- [Associate Scientist, Analytical and Formulation, Salubris Biotherapeutics](#)
- [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

NSF Activate Fellowship: Apply by Oct. 17th

NSF recently announced a new \$20 million investment in Entrepreneurial Fellowships through a multi-year cooperative agreement with [Activate.org](https://activate.org). The [Activate Fellowship](#) is a two-year fellowship program for scientists and engineers to help turn their technology concepts into a product. For the year 2023, NSF funded 45 startups in the US, one of which was a Purdue student startup. The Fellows would receive a yearly stipend of \$80k - \$110K along with health insurance, travel allowance, and relocation. Each project would also receive \$100k in research funding and will have access to at least \$75k in flexible capital. Please find more details [here](#).

Some more useful links

[FAQ — Activate](#)

[Cohort 2024 Activate Fellowship Application Webinar - YouTube](#)

It is a great opportunity for Purdue students nearing graduation who have been working on a technology concept with the aim of a startup in the future, particularly for students who have gone through National I-corps and preparing for a PFI-TT or SBIR grant. The application deadline is October 17.

Graduate Professional Development Newsletter (August 18)

[Graduate Professional Development Newsletter \(August 18\)](#)

Upcoming Career Fairs and Information Sessions to Get on Your Calendar

August 30th—[Lilly Day at Purdue](#) (Registration Required)
September 12th and 13th—[Industrial Roundtable](#) (in Person)
September 14th—[Industrial Roundtable](#) (in Person)
October 17th—[Purdue Pharma & Life Sciences Career Fair](#)

Participants Needed for Exercise-based Study

See attached

The RAAD Lab and the Chan Lab are collaborating on a research study involving exercise-based motor learning and we are seeking participants. The study aims to assess the effects of wearable resistive device on the form of a squat.

The participant will be asked to complete multiple sets of unilateral squats while holding a bar overhead while video recordings, sensor measurements, and form assessment data are collected. Wearable markers will be used with a motion-capture system to collect data.

The participant will be asked to attend 3 sessions over 3 days (1 60-minute, 1 90-minute, and 1 30-minute) and will be given a \$25 Amazon gift card for every hour completed.

If you are interested in participating, please fill out this

survey: https://docs.google.com/forms/d/e/1FAIpQLSdTvdlJoPcXgiCpblT0lZqgxZAdlbfEYG3gLjgGf9GwrtxjNw/viewform?usp=sf_link

Motor Learning Effect of Wearable Resistance Bands on Exercise Training

Name (first and last)
Your answer

Email
Your answer

Availability during the week of * (please select all that apply)

[Motor Learning Effect of Wearable Resistance Bands on Exercise Training docs.google.com](https://docs.google.com/forms/d/e/1FAIpQLSdTvdlJoPcXgiCpblT0lZqgxZAdlbfEYG3gLjgGf9GwrtxjNw/viewform?usp=sf_link)

Any questions can be directed to Alex Nguyen (nguye382@purdue.edu) and/or Eugenio Frias Miranda (efrias@purdue.edu).

We appreciate your consideration and look forward to hearing from you!

* participants must be 18 years old or older, must be able to attend all three sessions, and must have no history of musculoskeletal or neurological disorder

Rutgers Brain Health Institute Postdoc Recruitment Event

See attached

The Rutgers Brain Health Institute is organizing a Postdoc Recruitment Event on Nov 29/30, 2023. We plan to invite 20 highly qualified candidates to this two day all-expenses-paid event on the Rutgers, New Brunswick

campus. Information about the event is available at <https://brainhealthinstitute.rutgers.edu/postdoc-recruitment-event/>.

Chicagoland Postdoc Recruitment Initiative: Application is Open!

See attached

The Postdoc Affairs Offices at Northwestern University, The University of Chicago, and University of Illinois Chicago invite you to participate in the [Chicagoland Postdoc Recruitment Initiative](#), taking place virtually **October 19-20, 2023!**

Applications will be accepted through Monday, September 11th. [APPLY HERE!](#)

Don't miss out on this great opportunity to learn about THREE postdoctoral programs in the Chicagoland area and the cutting-edge research happening at each institution. More than [160 faculty members](#) from the three institutions have signed-up to participate in the Initiative!

This is a collaborative initiative to improve diversity and inclusion at the three largest research universities in the Chicago area, with the goal of addressing the "pipeline" challenge in academia for historically marginalized graduate students and postdocs, including individuals from underrepresented racial and ethnic backgrounds, who have disabilities, who identify as LGBTQIA+, who are veterans, or who were first-generation college students or Pell-eligible. Selected participants will learn about postdoctoral programs in the Chicagoland area, how to find postdoctoral opportunities, how to apply for postdoctoral positions, and how to maximize your postdoctoral experiences. Following these two days of programming, participants will conduct informational interviews with matched faculty members through November 3rd.

Questions? Please visit [our website](#) or email us at: chicago.postdoc.recruit@gmail.com

Applicants should be advanced graduate students (have passed qualifying exam or are post-candidacy by October 19, 2023), recent PhD graduates, or early-stage postdocs in STEM fields. There is no citizenship requirement to apply for this event.

Neil Armstrong Distinguished Visiting Professor: Marcus Weldon

See attached

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.

Aug. 23 rd	How to Find and Prepare for Fellowship Applications Workshop (Register Here)
Aug. 25 th	Business Meal Etiquette Workshop (Grad School)
Aug. 25 th	Credit cards and Credit Scores Workshop (Grad School)
Aug. 28 th	Time Management Workshop (Grad School)
Aug. 28 th	Deadline to Apply for Stanford PRISM Program (Apply Here)
Aug. 28 th	GRIP Workshop: Citation Management with Zotero (Grad School)
Aug. 29 th	Converting Your CV Into a Resume Workshop (Grad School)
Aug. 29 th	NSF Fellowship – Getting Started Workshop (Grad School)
Aug. 29 th	Protecting Your Mental Health During Graduate School Workshop (Grad School)
Aug. 30 th	Eli Lilly Day at Purdue
Aug. 30 th	Sleeping for Success (Grad School)
Aug. 30 th	The Cover Letter: Workshop (Grad School)
Aug. 31 st	Comparing Job Offers Workshop (Grad School)
Sept. 1 st	Planning to Graduate On-Time Workshop (Grad School)

Sept. 5 th	Boiler Up & Intervene Workshop (Grad School)
Sept. 5 th	NSF Fellowship – Person Statement (Grantsmanship) Workshop (Grad School)
Sept. 6 th	Introduction to Machine Learning Algorithms
Sept. 6 th	RCR: Overview of RCR (Grad School)
Sept. 6 th	Staying Happy and Productive in Grad School (Grad School)
Sept. 7 th	RCR: Discipline-Specific Training Workshop (Grad School)
Sept. 7 th	Purdue Grad WiE Pop-In
Sept. 11 th	Setting Yourself Up to Win in Grad School (Grad School)
Sept. 11 th	Deadline to Apply for Chicagoland Postdoc Recruitment Initiative (Apply Here)
Sept. 12 th	Combating Bias and Hate on College Campuses (Grad School)
Sept. 12 th	Mentoring Graduate Writers (Grad School)
Sept. 12 th	NSF Fellowship – Research Statement (Grantsmanship) Workshop (Grad School)
Sept. 12 th	Personal Branding (Workshop) (Grad School)
Sept. 13 th	Budgeting and Saving Money (Grad School)
Sept. 13 th	How to Avoid Common Fellowship Application Mistakes (Grad School)
Sept. 13 th	Introduction to Python (Grad School)
Sept. 13 th	Publishing a Scientific Paper (Grad School)
Sept. 13 th	Time Management Workshop (Grad School)
Sept. 14 th	Enhance Your Study Skills (Grad School)
Sept. 14 th	NDSEG (Defense Research) Fellowship Info Session (Grad School)
Sept. 15 th	Mentoring and the Dissertation Process (Grad School)
Sept. 18 th	Elevator Pitch Workshop (Grad School)
Sept. 18 th	Preparing to Buy a House (Grad School)
Sept. 19 th	NDSEG (Defense Research) Fellowship Info Session (Grad School)
Sept. 19 th	Negotiating the Job Offer (Grad School)
Sept. 20 th	Conducting a Literature Review (Grad School)
Sept. 20 th	How to Condense a Fellowship Draft to Meet Page Requirements (Grad School)
Sept. 20 th	Impostor Syndrome (Grad School)
Sept. 20 th	Preparing to Buy a Car (Grad School)
Sept. 20 th	Recommender Systems Workshop (Grad School)
Sept. 20 th	Sleeping for Success (Grad School)
Sept. 21 st	An Overview of ResearchRabbit (Grad School)
Sept. 21 st	Interviewing for Industry Positions (Grad School)
Sept. 22 nd	LinkedIn Workshop (Grad School)
Sept. 25 th	Debt Management (Grad School)
Sept. 25 th	Improv Techniques for the Researcher (Grad School)
Sept. 25 th	RCR: Authorship and Publishing (Grad School)
Sept. 26 th	Diet, Stress, & Emotional Eating (Grad School)
Sept. 26 th	OPT Overview (Grad School)
Sept. 26 th	Power & Control Workshop (Grad School)
Sept. 27 th	Data Visualization Using Python (Grad School)
Sept. 27 th	GRIP Workshop: Citation Management with Zotero (Grad School)
Sept. 27 th	Letters of Recommendation for Fellowships (Grad School)
Sept. 27 th	Using Data to Tell a Story (Grad School)
Sept. 28 th	NIH F32 and K99/R00 Info Session (Grad School)
Sept. 28 th	Success Over Stress (Grad School)
Sept. 29 th	Business Meal Etiquette (Grad School)
Sept. 29 th	Let's Talk Taxes Workshop (Grad School)
Oct. 3 rd	RCR: Discipline-Specific Training (Grad School)
Oct. 3 rd	Call for Abstracts Opens, 2024 Grad WiE Network Symposium (GWEN)
Oct. 4 th	How to Deliver a Winning Presentation (Grad School)

Oct. 4 th	Time Series Analysis and Forecasting (Grad School)
Oct. 5 th	Preparing an Effective Lecture (Teaching) (Grad School)
Oct. 5 th	RCR: Overview of RCR (Grad School)
Oct. 10 th	Fall Blitz: “From PhD to Life” Career Workshops (Grad School)
Oct. 11 th	CVs and Cover Letters for Academic Jobs (Grad School)
Oct. 11 th	Introduction to PyTorch 1 (Grad School)
Oct. 12 th	Diet, Stress, & Emotional Eating (Grad School)
Oct. 12 th	RCR: Authorship and Publishing (Grad School)
Oct. 13 th	Credit Cards and Credit Scores (Grad School)
Oct. 16 th	Comparing Job Offers (Grad School)
Oct. 16 th	F-1 Student Career Planning Grad Edition (Grad School)
Oct. 16 th	Deadline to apply for 2024 Mirzayan Fellowship (Apply Here)
Oct. 17 th	Purdue Pharma & Life Sciences Career Fair (CCO)
Oct. 17 th	Deadline to apply for NSF Activate Fellowship (Apply Here)
Oct. 17 th	Success Over Stress (Grad School)
Oct. 18 th	Purdue Grad WiE Pop-In
Oct. 18 th	Budgeting and Saving Money (Grad School)
Oct. 18 th	Clustering Techniques in Machine Learning (Grad School)
Oct. 18 th	Conducting a Literature Review (Grad School)
Oct. 18 th	Entrepreneurship as a Career Path (Grad School)
Oct. 18 th	Healthy Eating on the Run (Grad School)
Oct. 19 th	Preparing for Academic Interviews (Grad School)
Oct. 20 th	Conference Paper Writing and Presenting: Strategies for Success (Grad School)
Oct. 20 th	Mentoring Dialogs (Grad School)
Oct. 23 rd	Preparing to Buy a House (Grad School)
Oct. 25 th	How to Write a Teaching Philosophy (Grad School)
Oct. 25 th	Introduction to PyTorch 2 (Grad School)
Oct. 26 th	3MT Prep Session: Identifying the Problem/Solution Structure (Grad School)
Oct. 26 th	Copyrights: An Overview for Scholars (Grad School)
Oct. 26 th	Impostor Syndrome (Grad School)
Oct. 26 th	Life Science Workforce Symposium (Register Here)
Oct. 27 th	Business Meal Etiquette (Grad School)
Oct. 30 th	Preparing to Buy a Car (Grad School)
Oct. 31 st	Improv Techniques for the Researcher (Grad School)
Oct. 31 st	Preparing a Teaching Demonstration (Grad School)
Nov. 1 st	Introduction to Deep Learning (Grad School)
Nov. 1 st	Mentoring Dialogs (Grad School)
Nov. 6 th	Debt Management (Grad School)
Nov. 7 th	3MT Prep Session: Identifying the Problem/Solution Structure (Grad School)
Nov. 8 th	Introduction to Transformer Neural Network (Grad School)
Nov. 8 th	Let’s Talk Taxes (Grad School)
Nov. 9 th	3MT Prep Session: Successful Visual Aids (Grad School)
Nov. 9 th	Copyrights: An Overview for Scholars (Grad School)
Nov. 10 th	Purdue Grad WiE Pop-In
Nov. 10 th	RCR: Discipline-Specific Training (Grad School)
Nov. 13 th	Abstract Submission Deadline, 2024 Grad WiE Network Symposium (GWEN)
Nov. 13 th	Breakout from Burnout (Grad School)
Nov. 14 th	3MT Prep Session: Successful Visual Aids (Grad School)
Dec 6 th	Purdue Grad WiE Pop-In (GWEN)
Feb. 13 th	2024 Grad WiE Network Symposium (GWEN)

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.