



Weldon Graduate Program Announcements May 4th, 2022

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Career and Internship Opportunities

Internship Positions

- [Summer 2022 Associate Engineer, SpaceX](#)

Postdoctoral Positions

- [Postdoc/Research Assistant, Brain Stimulation, MIT](#)
- [Postdoc, Biomechanical Engineer, Sanford Health](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full time Positions

- [Associate Project Manager, Sage Bionetworks](#)
- [Sr. Engineer/Principal Engineer, Drug Product Process Development, Allogene Therapeutics](#)
- [Research Analyst, Molekule Consulting LLC](#)
- [Associate Systems Engineering Support Analyst, Boeing](#)
- [Engineer II, Process Development, Inceptor Bio](#)
- [Purdue Start-up Job Board](#)—Foundry Start Up Companies Looking to Hire
- [ACTS Career Center](#)—Association for Clinical and Translational Science
- [Doc Jobs](#)—Jobs beyond traditional clinical and academic roles

NSF I Corps Meeting Registration, May 5th

https://nsf.zoomgov.com/meeting/register/vJltdu6spj0oHzNpeCtS7e4Bv-rfX5tweTY?utm_source=Foundry+Mailing+List&utm_campaign=8de358dccf-EMAIL_CAMPAIGN_2019_11_06_07_23_COPY_01&utm_medium=email&utm_term=0_9f30e148b6-8de358dccf-184401285

Ignite Program for Starting a Company

A cohort-based program for founders looking to start a company in the next 3 -9 months. We teach founders processes to clarify the problem they're solving and the value they are delivering – from the customer's perspective. Working within a cohort to define problem-market fit, each founder or team will develop elements of their business model in each workshop and present to the cohort for feedback and pressure testing of both their ideas and presentation skills – culminating in a final presentation for a panel of industry professionals. **Ignite** is the first step in derisking your startup.

https://purduefoundry.com/programs/ideate/?utm_source=Foundry+Mailing+List&utm_campaign=8de358dccf-EMAIL_CAMPAIGN_2019_11_06_07_23_COPY_01&utm_medium=email&utm_term=0_9f30e148b6-8de358dccf-184401285

AIM -AHEAD Research Fellowship Application Preparation Workshop May 3, 2022

The NIH-funded AIM-AHEAD [Artificial Intelligence/Machine Learning (AI/ML) Consortium to Advance Health Equity and Researcher Diversity] Research Fellows Program provides early career researchers (graduate students, postdocs, junior faculty, and others) the opportunity to receive funding to help support research on novel and innovative data science and data-focused research problems. The fellows will work in collaboration with the AIM-AHEAD Coordinating Center to actively participate in biomedical research that involves the use of AI/ML methodologies on electronic health record (EHR) data to address health disparities and inequities, including bias in AI/ML algorithms.

The application-preparation workshop will be held virtually May 3rd 2-4 PM EST, and the deadline for submitting an application is May 22, 2022. Applicants must be U.S. citizens, permanent residents, or non-citizen nationals. Complete details are available at <https://lnkd.in/gDkvDN2R>.

Job Openings at Merck

Just wanted to pass along that we currently have several open positions within the state-of-art FLEx center. All are welcome to apply.

R176603/Sr-Scientist-Research-Pharmacy
R176800/Sr-Scientist-Process-Engineer
R176609/Scientist-Research-Pharmacy
R176798/Scientist-Process-Engineer

Other opportunities we have can be found [here](#) and all are welcome to apply.

GM Track Program, from Alumni

This is for a Design Release Engineer (aka Project Engineer). As a Project Engineer, you are essentially the chief engineer for your own component. This is an excellent foundational role that lets people learn more about how the business works and how to develop a product. There is tons of collaboration with design, quality, validation, suppliers, and program teams. Based on the job description, I'm assuming they might also be looking at filling some roles on other restraints teams – such as Airbags, or Seatbelts, etc. I think this would be a great fit for a Purdue BME that is interested in learning about product development, vehicle safety/restraints, and developing more project management skills.

The posting can be found here: <https://search-careers.gm.com/jobs/job/design-release-engineer-restraints-steering-wheel-warren-jr-000079117/>.

Please have interested students send me resumes & cover letters (dimitrija.pecoski@gm.com) no later than Sunday, 5/8/2022. Once I submit the referral, an email will be sent to the applicant with a link to apply for the role. Please feel free to have students reach out if they have questions!

2022 Postdoc Preview, Van Andel Institute

About Van Andel Institute

VAI is an independent biomedical research organization in Grand Rapids, Michigan. Our research encompasses five central themes: epigenetics, neurodegenerative science, metabolism and nutrition, cell biology, and structural biology. Postdoctoral fellows are a crucial part of VAI's efforts to improve the health and enhance the lives of current and future generations. All VAI postdocs receive:

- Mentorship from world-renowned principal investigators.
- Access to state-of-the-art research spaces and an extensive suite of Core Technologies and Services.
- Support from a dedicated Office of Postdoctoral Affairs, which provides a comprehensive professional development program.

Postdoc Preview (Sept. 15–17, 2022)

Postdoc Preview is a three-day competitive program that provides selected applicants the opportunity to visit VAI to learn about our postdoc training opportunities, meet one-on-one with our internationally recognized faculty and explore our extensive scientific resources.

- VAI will provide transportation, lodging and meals for selected applicants. We also are pleased to offer family care grants for those caring for children or other family members.
- Eligibility: Applicants must be current graduate students at U.S. institutions who anticipate beginning a postdoc by January 2024. Individuals who identify as members of underrepresented racial and ethnic groups are strongly encouraged to apply. Preference will be given to U.S. citizens and permanent residents.
- Applications are due at 11:59 p.m. ET on July 1.
- *More information and the application may be found [here](#).*

Cancer Epigenetics Training program (funded by a National Cancer Institute T32 award)

- Offers cutting-edge, **interdisciplinary** research training in structural and functional aspects of epigenetics, complemented by state-of-the-art Core Technologies and Services, unique professional development activities, and integration with established translational research programs and partnerships led by VAI investigators.
- Prepares postdocs to become independent research leaders in the field of cancer epigenetics.
- Eligibility: Applicants must be near completion of a Ph.D., M.D. or other appropriate terminal degree. Applicants must be U.S. citizens or permanent residents. Individuals who identify as members of underrepresented racial and ethnic groups are strongly encouraged to apply.
- Applications are accepted on a rolling basis.
- *More information and the application can be found [here](#).*

Inspire Fellowship

- Supports postdocs who identify as members of underrepresented racial or ethnic groups as they finish preparing to be independent research leaders in academia or industry.
- Provides \$50,000 per year toward the Inspire Fellow's salary, which starts at \$57,200. Support is renewable for up to two additional years (so three years total).
- Inspire Fellows form a cohort that meets for monthly professional development events.
- Eligibility: Applicants must be within 12 months of completing a Ph.D., M.D. or other appropriate terminal degree. Applicants must be U.S. citizens or permanent residents who identify as members of an underrepresented racial or ethnic group as defined by NIH.
- Application opens on Aug. 1 and closes on Oct. 31.
- *More information and the application can be found [here](#).*

NSF Graduate Fellowship Workshops Starting Next Week

See Attached

Starting next Thursday is the first session of a trio of NSF Graduate Research Fellowship workshops. I am excited to help students get started on their applications!

Undergraduates who are entering their senior year this fall and plan to enter a grad program in 2023 are also welcome to attend these sessions and apply for the NSF Fellowship.

The eligibility requirements for the NSF Fellowship include:

- US citizenship or permanent residency
- Have not applied for the NSF Fellowship previously as a graduate student
- Either senior undergrad, first year or second year grad student as of Fall 2022 - "first year" means first year in any graduate program: for disciplines that typically have masters degrees before PhD, only masters students can apply since masters is the first grad program for those individuals; for disciplines where it is not uncommon for students to "skip" a masters and enroll straight into a PhD program, then first year or second year PhD students can apply since they do not already have a masters degree.

Students are encouraged to reach out to Lisa R. Nielsen, PhD at lnielse@purdue.edu with their questions.

Graduate Professional Development Newsletter (April 29)

<https://mailimages.purdue.edu/vo/?FileID=f8222c4b-5b25-464f-9569-8cd80a4bf356&m=1bca436d-9230-405c-ba60-110d91780c2d&MailID=43068090&listid=125061&RecipientID=21476212948>

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.

May 4 th	OIGP Spring Reception
May 5 th	Faculty Coffee Chat: Professor Alexandria Volkening
May 13 th	Peer Mentoring Grab and Go Lunch

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.