



Weldon Graduate Program Announcements November 15th, 2023

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Career and Internship Opportunities

Internship Positions

- [Human-Centered AI Intern, ClearPoint](#)
- [Opex Intern, Teva Pharmaceuticals](#)
- [Intern, Biomedical Engineer, Getinge](#)
- [Manufacturing Engineering Intern, Cook Medical](#)
- [Manufacturing Engineering Intern, Avalign Technologies](#)
- [Intern Biomarker Sciences, Gilead Sciences](#)
- [Summer 2024 Internship, EHS Manufacturing, Takeda](#)
- [Biological Data Analysis Intern, Summer 2024, Randstad](#)
- [Quality Assurance Intern, Summer 2024, Randstad](#)

Postdoctoral Positions

- [Postdoctoral Associate, Bioengineering, Rice University](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full Time Positions

- [Biomedical Engineer, Leidos](#)
- [Senior Design Engineer, SHL Medical](#)
- [Engineer I/II Engineering Development Program, MicroVenture Terumo](#)
- [Product Development, Digital Engineering, Senior Manager](#)
- [Clinical Field Engineer, BiVACOR](#)

- [Product Development Engineer II, Upper Extremity, Enovis Surgical](#)
- [Senior Scientist, Computational Protein Engineer, A-Alpha Bio](#)
- [Test Engineer I, Surgical, Medtronic](#)
- [Design Quality Engineer, Medical Device, Regeneron](#)
- [Production Engineer I, Endotronix](#)
- [Biomedical Engineer, Veterans Affairs](#)
- [R&D Engineer, EBR Systems](#)
- [Sr. Scientist/Bioengineer, Preclinical Dev, Pulse Biosciences](#)
- [Medical Device Innovative Product R&D Engineer, MZbio](#) (Chinese Mandarin Required)
- [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

Yale University Virtual Postdoc Recruitment Event

Yale University's Office for Postdoctoral Affairs is hosting its [Virtual Postdoc Recruitment Event](#) on **February 15, 2024 from 1-4pm 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:

- Meet with representatives from Yale resources for postdocs
- Hear from and ask questions of current Yale faculty from a variety of disciplinary fields
- Engage with current Yale postdocs in a virtual networking hour

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.

Please find full details [on our webpage](#), including [the registration form](#).

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.

Graduate Professional Development Newsletter (November 10)

[Graduate Professional Development Newsletter \(November 10\)](#)

Paid Summer Fellowships for Graduate Students in 2024 at Sandia

Universities Research Association (URA) is seeking graduate students to apply for paid Summer Fellowships in 2024 at Sandia National Laboratories. URA anticipates making up to ten appointments within Sandia's participating Research Foundation which includes Bioscience, Computing and Information Science, Earth

Science, Material Science, Nanodevices and Microsystems, Radiation, and Electrical and High Energy Density Science.

Applicants must be full-time master's or doctoral graduate students and US Citizens to qualify. Detailed information about the program and the application process is available [here](#). Submission of applications must be completed by midnight Eastern Time, November 24, 2023.

Prof. Nan Kong's Talk at the Purdue System Thinkers Research Colloquium

The Purdue System Thinkers welcome Prof. Nan Kong for the talk titled:

Learning public health systems in infectious disease management – How can data-driven optimization help?

Please join us in WALC 3138 at 6 PM on Thursday, Nov 16; free food is provided!

Zoom link: <https://purdue-edu.zoom.us/j/5712509615>

Prof. Kong's Bio: Dr. Nan Kong is Professor and Interim Head of Weldon School of Biomedical Engineering at Purdue. He was the former Associate Director for Health Systems at Purdue's Regenstrief Center for Healthcare Engineering. He graduated with B.S. in Automation from Tsinghua University in 1999 and Ph.D. in Industrial Engineering from University of Pittsburgh in 2006. He joined Purdue BME in 2007. His primary research is innovating data-driven optimization and analytics to address challenges in health care delivery.

Abstract: Agency for Healthcare Research and Quality (AHRQ) defines a learning health system as a health system in which internal data and experience (e.g., semi-mechanistic model) are systematically integrated with external evidence (e.g., observational data), and the learnt knowledge is put into practice. Becoming a learning system is increasingly an imperative in healthcare delivery and public health. Among the many challenges faced by learning systems is the one challenge on effective use of data, i.e., integrating newly acquired data with existing mechanistic understanding of the system to update intelligence for better controlling the system. This becomes more prevalent as we come out from the COVID-19 pandemic. How can data-driven optimization help? In this talk, we consider the context of multi-period location-specific resource allocation in infectious disease management. We propose two algorithmic approach to solve multi-period decision problems requiring online training and re-optimization.

<https://web.ics.purdue.edu/~pursyst/>

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.

Nov. 15 th	Medpace Virtual Networking Event (Medpace)
Nov. 16 th	Copyrights: An Overview for Scholars Online Workshop (OGPD)
Nov. 16 th	Patent Agent Careers in Life Sciences Online Workshop (OGPD)
Nov. 16 th	Preparing a Teaching Demonstration In-Person Workshop (OGPD)
Nov. 16 th	Prof. Nan Kong's Talk at Purdue System Thinkers Research Colloquium (More Info)
Nov. 24 th	Deadline to apply for URA Paid Summer Fellowships (Apply Here)
Dec 6 th	Purdue Grad WiE Pop-In (GWEN)
Jan. 15 th	Deadline to apply for NOMIS-Gladstone Fellowship Program (Apply Here)
Feb. 2 nd	Deadline to register for Graduate WiE Symposium (COE)
Feb. 13 th	2024 Grad WiE Network Symposium (GWEN)
Feb. 15 th	Yale University Virtual Postdoc Recruitment Event (Yale)

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.