

**Tenure-Track Faculty Position in  
Translational and Biomedical Toxicology**  
School of Health Sciences, Purdue University

**Job Summary**

The School of Health Sciences in the College of Health and Human Sciences invites applications for a tenure-track position at **Assistant Professor** level in Translational and Biomedical Toxicology. The successful candidate is expected to develop an extramurally funded research program involving the elucidation of risks associated with chemical exposures to human health outcomes through expertise in integrating sentinel, laboratory, and human studies. Moreover, this faculty member will advance translation of toxicology learning, research and engagement to human health and the biomedical sciences. The successful candidate will be expected to perform teaching broadly in biomedical sciences or translational toxicology courses in the School. Those whose work scientifically addresses critical issues of environmental justice are especially encouraged to apply. Within the School of Health Sciences, ongoing studies on the adverse outcomes of environmentally relevant exposures offer tremendous collaborative opportunities. Outside the School, there are collaborative opportunities with Purdue's world-renowned colleges, including Engineering, Management, Science, Health and Human Sciences, Pharmacy, and Agriculture. Purdue has also established Discovery Park District, a highly interdisciplinary enterprise dedicated to transformative research that includes state-of-the-art centers for nanotechnology, biosciences, healthcare engineering, energy, and other multi-disciplinary activities including the Regenstrief Center for Healthcare Engineering with a focus on health analytics. Opportunities for collaboration also exist with a large number of manufacturing, information, healthcare, and energy industries in the region.

**Qualifications**

Candidates must have a Ph.D. in toxicology, or a related field and productive postdoctoral research experience. An area of research interest that capitalizes on existing strengths within the School of Health Sciences (<https://hhs.purdue.edu/research/departamental-research/school-of-health-sciences-research/>) is preferred. The position is competitive with regards to salary, start-up funds, and laboratory space. We are especially interested in candidates who can contribute through their research, teaching, and/or service to the diversity and excellence of the academic community.

**Applications**

A cover letter, curriculum vitae, a statement of current and future research interests (maximum 3 pages), a teaching philosophy statement (maximum 1 page), a diversity and inclusion statement (see below) and contact information for three references should be submitted as a single PDF through Success Factors: <https://careers.purdue.edu/job-invite/21781/>

Purdue University's School of Health Sciences is committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates should address at least one of these areas in a separate Diversity and Inclusion Statement, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Priority deadline for review of applications will begin October 14<sup>th</sup>, 2022 and continue until the position is filled. For more information, contact Dr. Jason Cannon ([cannonjr@purdue.edu](mailto:cannonjr@purdue.edu))

A background check is required for employment in this position.

**The School and College**

The School of Health Sciences has internationally recognized research and educational programs in Health Physics, Imaging Sciences, Occupational and Environmental Health Sciences, Medical Physics, and Toxicology. The School is an integral part of the College of Health and Human Sciences, which aims to bring together scholars in the human sciences and health sciences to strategically address issues vital to enhancing quality of life. The College recently received accreditation of an MPH program in Public Health, along with the creation of the new Department of Public Health.

Purdue's Institute for a Sustainable Future fosters and promotes research, partnerships, and engagement in areas including the environment, climate, food-energy-water security, and sustainability. The Institute connects faculty researchers across departments and disciplines who work on environmental challenges by actively supporting the development and implementation of innovative projects and teams. The Institute also increases the impact of Purdue's work on important environmental issues through on-campus events, professional development opportunities, outreach and stakeholder engagement activities. The Institute provides members with weekly newsletters and regular outreach about events on campus, faculty achievements and funding opportunities. Within the Institute, the Environmental Stressors research community seek to better understand the human and environmental consequences of environmental contaminants and stressors. Members pursue work in topics including: toxicology via various chemical, air and soil contaminants; public health; the fate and transport of chemical contaminants; development of novel remediation technologies; communication of scientific risks. Contact: Lynne Dahmen, ldahmen@purdue.edu.

### **Integrative Data Science Initiative/computational resources**

Purdue University has launched the [Integrative Data Science Initiative](#) as a presidential Purdue Moves initiative. Our vision is to be at the forefront of advancing Data Science-enabled research and education by tightly coupling theory, discovery, and applications while providing students with an integrated, Data Science-fluent campus ecosystem.

Purdue is home to a large number of world class faculty spread across multiple colleges, engaged in fundamental research in Data Science, Machine Learning and Artificial Intelligence, as well as the applications of these methodologies and techniques to advance knowledge in other domains. Over the past five years alone, Purdue's commitment to these areas has attracted over 100 new tenure-track faculty with expertise in data science fundamentals and applications and extensive computational research (<https://www.rcac.purdue.edu>) and teaching (<https://datamine.purdue.edu>) resources.

### **Community**

Greater Lafayette Indiana is home to Purdue University and is one of the fastest growing communities in the Midwest. Subaru of Indiana Automotive, Caterpillar, Dow AgroSciences, Rolls-Royce, GE Aviation, Schweitzer Engineering Laboratories, Wabash National, Saab Global Defense and Security Company, high tech firms and small businesses all call Greater Lafayette their home. Conveniently located between Chicago and Indianapolis, Greater Lafayette is also near several other major metropolitan cities. 'Visit Lafayette-West Lafayette' and 'Greater Lafayette Commerce' are resources that highlight our great community.

### **Submission and start date**

Application review will begin on October 14<sup>th</sup> and continue until the position is filled. The position is expected to begin in August, 2023.

### **Equal opportunity**

Purdue University, the College of Health and Human Sciences and the School of Health Sciences are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

*Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.*