Environmental and Molecular Toxicology
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Postdoctoral Scholar Position in Toxicology, Pharmacology, or Related Discipline

A full-time postdoctoral scholar position is available in the laboratory of David E. Williams (http://lpi.oregonstate.edu/faculty-staff/david-williams), Helen P. Rumbel Professor for Cancer Prevention at Oregon State University within the Linus Pauling Institute in Corvallis, OR. The Williams lab is an excellent training ground for individuals desiring advanced training in metabolism of xenobiotics with an emphasis on environmental carcinogens as well as the influence of diet on cancer. Dr. Williams is an active participant in the Oregon State University NIEHS Superfund Research Program as well as the Toxicology Training Grant and trainees in his laboratory have full access to the training opportunities associated with these programs. Past postdoctoral trainees in Dr. Williams' laboratory are now in excellent positions in both academia and private industry.

The postdoctoral scholar will contribute to an NIH (NIEHS)-funded study in humans, "Benzo[a]pyrene Micro-dosing of Humans: A New Tool for Exposure, Risk Assessment and Prevention", R01 ES028600, 01-2017-12/2022, (FDA IND #117175, registered on http://clinicaltrials.gov identifier NCT03318978). This study employs micro-dosing of humans with [^{14}C]-benzo[a]pyrene to examine, for the first time, the dose-response and pharmacokinetics of a polycyclic aromatic hydrocarbon (PAH) as well as characterization of metabolites formed *in vivo*, impact of a binary mixture, diet and genotype of various PAH-metabolizing enzymes. The postdoctoral scholar may supervise student employees. The work may involve some travel to Lawrence Livermore National Laboratory for training in UPLC accelerator mass spectrometry.

The postdoctoral scholar will also develop an Independent Development Plan and subsequent Annual Reports. More information on the ADP and AR is available at http://gradschool.oregonstate.edu/postdocs/individual-development-plan.

Required qualifications: Recent PhD in toxicology, pharmacology, or related discipline. The ideal candidate will have experience which includes pharmacokinetics, xenobiotic metabolism, and analytic chemistry. A demonstrated record of research productivity (publications, presentations, grant writing, etc.) is expected. This position is designated as a critical or security-sensitive position. Therefore, the incumbent must successfully complete a Criminal History Check and be determined to be qualified per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions.

The position is available as soon as possible. Applications will be reviewed as they are received. The position is funded for three years, contingent on satisfactory annual progress, and compensation will include health insurance, sick leave, optional voluntary retirement plan, and compensation at or above the NIH Standard. More information about postdoctoral scholar appointments at Oregon State University can be found at http://gradschool.oregonstate.edu/postdocs.

Interested candidates should send an e-mail to Erica Abbe, Erica.Abbe@oregonstate.edu, containing a cover letter describing her/his experiences and potential research interests/career goals, a current CV, reprints (pdf) of any relevant research publications, and names and contact information of three references.

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action / Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, Veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.