



SCHOOL OF PUBLIC HEALTH
**ENVIRONMENTAL TOXICOLOGY &
EPIDEMIOLOGY PROGRAM**
UNIVERSITY OF MICHIGAN

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Postdoctoral Research Fellow in Environmental Toxicology & Epidemiology

Job Summary

Postdoctoral fellows are supported by the Environmental Toxicology and Epidemiology Program (ETEP), a NIH T32 training grant program, which focuses on helping students become independent researchers in the areas of toxicology and epidemiology. Research specialties of faculty include genetic, epigenetic, cell signaling, metabolic and oxidative stress mechanisms of toxicity with respect to reproductive, developmental, neural and immune systems, as well as research on cancer, metabolic disorders, micro- and nano-sensor development, exposure assessment, epidemiology, and data science.

Research fellows will design and conduct research in toxicology or epidemiology related to environmental health sciences. This includes generating, analysis and interpretation of environmental health data, preparation of manuscripts and other scholarly products. Research topics may be proposed by the fellow and should be aligned with interests of training program faculty. Areas of interest specifically included epigenetics, cell signaling, cancer research, human exposure assessment, environmental epidemiology, and metabolic disorders and data science.

This position is for one year, a second year is possible with sufficient progress shown and availability of funding. Applicants are considered on a rolling basis. Applicants are strongly encouraged to review the training grant website to obtain more information: <https://sph.umich.edu/ehs/etep/>

The University of Michigan provides an enriching environment that includes multiple centers and core facilities to ensure access to state of the art methodologies.

Responsibilities

- Research fellows will work under the mentorship of an ETEP faculty mentor to perform scholarly research with the ultimate goal of becoming an independent researcher.
- Participate in professional development opportunities, including an individual development program and assistance in organizing the annual Environmental Health Sciences Symposium held at the University of Michigan.
- Participate in the development of grants for future support, potentially with interdisciplinary collaboration with other researchers

Qualifications

Required qualifications include:

- a PhD, MD, or comparable doctoral degree from an accredited domestic or foreign institution at the time of appointment

- be a US citizen, a noncitizen national of the United States (e.g. born in outlying possessions of the USA), or have been lawfully admitted for permanent residence in the USA (e.g., possess a current Permanent Resident card)

Desired qualifications include:

- Completed coursework in epidemiology, toxicology or an allied area
- Demonstrate scholarly excellence through prior academic work, publications and conference presentations
- Possess excellent communication skills; have strong interests in ETEP areas of toxicology, epidemiology and data science.

Additional Information

We are seeking an experienced and dynamic employee with a commitment to contributing to a diverse, equitable and inclusive environment for all members of our community.

The University of Michigan is an equal opportunity/affirmative action employer.

Application Instructions

Applicants are encouraged to review the [training program faculty](#) and contact those whose research is of interest. Postdoctoral fellowships are awarded only to candidates with an identified mentor.

Applications for training grant postdoctoral fellowships are accepted throughout the year and reviewed as fellowships become available.

Postdoctoral applications should include:

- A cover letter from the applicant addressed to the program director (Dr. Stuart A. Batterman). The applicant should describe how the proposed research training will contribute to the applicant's career plans with specific reference to environmental health sciences and the training program objective of transdisciplinary research that bridges mechanistic toxicology and environmental molecular epidemiology with applications to human disease prevention.
- A curriculum vitae.
- A copy of graduate transcripts.
- Three letters of recommendation.

A supporting letter from the proposed postdoctoral research training mentor that includes: a brief description of current research projects of interest and relevance to the applicant's postdoctoral training; relevance of the applicant's proposed research training to the objectives of NIEHS, and how the applicant's participation in this research is consistent with the training program objectives.

For further information, please visit <https://sph.umich.edu/ehs/etep/application.html>

Submission

Inquiries and application materials should be sent by email to:

Gramm Drennen
Environmental Toxicology and Epidemiology Program
Department of Environmental Health Sciences
Phone: 734-936-0749
Email: drenneng@umich.edu

