

**Position Title:** Postdoctoral Research Associate (JOBID: 116408)

**Position Location:** Division of Epidemiology and Biostatistics, School of Public Health, University of Illinois at Chicago, 1603 West Taylor Street, Chicago, IL 60612

**Summary:** The Division of Epidemiology and Biostatistics is seeking a highly motivated Postdoctoral Research Associate who will work on a NIH-funded project with Drs. Hua Yen Chen and Mary Turyk.

**Responsibilities:** The primary responsibility of this position is to work on an NIH-funded project to develop innovative statistical methods for the analysis of environmental health data. Specifically, the successful applicant will work with the PIs and other co-investigators of the project on methodology development and software implementation, and application of the methods with the developed software to the analysis of a range of environmental health data.

The postdoctoral research associate will have opportunities to participate in the study of the proposed methods, develop and test software programs, interact with other researchers in this project in writing, presenting, and publishing peer-reviewed scientific papers.

The postdoctoral research associate will also receive training to work collaboratively with biostatisticians, epidemiologists, and environmental researchers, while working on the current project and be prepared for a future career in academic and/or research institutes, or relevant industries.

**Qualifications:** The successful candidate must have a doctoral degree in biostatistics, statistics, or related quantitative fields, and strong programming skills. Interest in environmental statistics is necessary. Experiences in statistical methodology development is preferred. Additionally, strong background in theoretical development in areas such as graphical model, random matrix theory, asymptotic and non-asymptotic statistics for high-dimensional data is a plus.

**Application:** Outstanding candidates are invited to submit a letter of application detailing their relevant background, providing the names and email addresses of at least three (3) references, a CV, and copies of relevant reprints and pre-prints (in single PDF file) to Dr. Hua Yun Chen at [hychen@uic.edu](mailto:hychen@uic.edu).

*The University of Illinois at Chicago is an Equal Opportunity, Affirmative Action employer.  
Minorities, women, veterans and individuals with disabilities are encouraged to apply.*

*The University of Illinois may conduct background checks on all job candidates upon acceptance of a contingent offer. Background checks will be performed in compliance with the Fair Credit Reporting Act.*