

Post-doctoral Fellow: GenX Exposure Study

NC State University
Department of Biological Sciences
Center for Human Health and the Environment
Raleigh, NC

Post-doctoral position in Dr. Jane Hoppin's research group (<http://jahoppin.wordpress.ncsu.edu/>) to conduct analyses with the GenX exposure study data (<https://chhe.research.ncsu.edu/the-genx-exposure-study/>).

The GenX Exposure study is an environmental epidemiology study of residents in Wilmington and Fayetteville, NC, whose water has been contaminated with per and poly-fluoroalkyl substances (PFAS) for up to 40 years. Biological and environmental samples have been collected and up to 12 PFAS (both newly identified and historically used) have been identified in the blood of study participants. The project is community based and report back of findings is key. Research team includes epidemiologists, engineers, toxicologists, physicians, and study and data managers.

The postdoctoral fellow will conduct epidemiologic analyses of the GenX exposure study data, prepare manuscripts for publication, and present findings at both community and scientific meetings. Statistical analyses will involve analyses of chemical mixtures as well as repeated measures analysis. The fellow will be part of an active research team and will participate in data collection and community report back as appropriate. Fellow will have the opportunity to work with undergraduate and graduate students. Opportunity exists to develop new research ideas using stored biological specimens or additional data collection.

Required skills: Doctorate in Environmental Epidemiology or similar training
Statistical analysis including linear and logistic regression as well as multilevel modeling for analysis of mixtures.
Experience with SAS or R. Strong written and oral communication skills.

Preferred skills:

Use of RedCap for data management

Training with regard to data security protections.

Experience with Community-Engaged Research or environmental justice related projects.

Spanish speaking.

Experience with human subjects research (CITI training or similar).

Data visualization experience

Training in environmental exposure assessment

CONTACT: <https://jobs.ncsu.edu/postings/114749>

DEADLINE: Open until filled