



National Institute of Environmental Health Sciences
Your Environment. Your Health.

Environment and Cancer Epidemiology Postdoctoral Fellowship at the NIH National Institute of Environmental Health Sciences

A postdoctoral fellowship is available in the [Epidemiology Branch](#) at the [National Institutes of Health National Institute of Environmental Health Sciences](#). We are seeking a talented and motivated individual with a doctoral degree and advanced graduate training in epidemiology, population health, environmental health sciences, or biostatistics within the past 5 years, for a position with the [Environment and Cancer Epidemiology Group](#) headed by Dr. Alexandra White. Successful candidates will have a strong background in epidemiology and statistical methods, with interest in environmental exposures, cancer, epigenetics, or women's health. Experience in exposure measurement, mixtures methods, biomarker studies, geographic information systems, genomics and/or gene/environment interactions is beneficial but not required.

Environmental risk factors for cancer are important but understudied. Few studies have considered simultaneous exposure to environmental mixtures in relation to cancer risk, or evaluated how these exposures may be associated with markers of risk such as breast tissue characteristics. The fellow will be able to take advantage of data from unique resources including the [Sister Study](#) cohort and the [Komen Tissue Bank](#). The Sister Study is a prospective cohort that includes over 50,000 women across the United States, with extensive questionnaire data, and biological and environmental specimens. Study participants are followed for health outcomes including breast and other cancers. The Komen Tissue Bank is a repository of normal breast tissue samples from women with no history of breast cancer. It is a unique resource to evaluate how environmental exposures may contribute to breast tissue characteristics years prior to a breast cancer diagnosis.

Fellows' time is devoted to data analysis, manuscript preparation, and career development (e.g., grant applications). Fellows at NIEHS are encouraged to build on existing resources to develop new projects that become the basis for transition to independent research awards, K99/R00 and non-NIH research grants. The training environment is enriched by proximity and access to local universities (e.g., University of North Carolina, NC Central University, NC State University, and Duke University). Opportunities for mentoring undergraduate and graduate students are available. NIEHS offers comprehensive training and career development opportunities for fellows.

Candidates who can contribute to the diversity and excellence of our research program are strongly encouraged to apply. Salary and benefits are highly competitive. Initial appointments will be two years at NIEHS in **Research Triangle Park, North Carolina**, with additional time (up to 5 years) depending on eligibility and productivity. Applicants should submit the following materials to epifellowships@niehs.nih.gov:

- **Statement describing areas of research interest**
- **Curriculum vitae with bibliography**
- **Copies of 1-2 recent publications**
- **Contact information for 3 persons serving as references**

Learn more about [NIEHS Fellows' Career Development](#) and [NIH training programs](#) (e.g., postdoctoral, graduate, postbaccalaureate, undergraduate, Summer programs).

The NIH is dedicated to building a diverse and equitable community in its training and employment programs.