



Epidemiology Postdoctoral Fellowship Available Chronic Disease Epidemiology

Through its fellowship program, the NIH [National Institute of Environmental Health Sciences Epidemiology Branch](#) strives to develop and mentor talented and motivated career scientists. We are seeking applicants with a doctoral degree within the past five years, and training or experience in epidemiology, population health, environmental health, biostatistics, or a related field, for postdoctoral training in the [Chronic Disease Epidemiology Group](#) led by Branch Chief Dale Sandler, Ph.D. Successful candidates will have a strong background in epidemiology and statistical methods, with interest in the impact of environmental exposures on cancer or other chronic diseases, or women's health. Experience in environmental health sciences, health disparities research, mixtures methods, biomarker studies, geographic information systems, genomics and/or gene and environment interactions is beneficial, but not required. Experience with Medicare or other claims data would also be considered beneficial.

Environmental risk factors for cancer and other health conditions are important, but understudied. Few studies have considered time-varying environmental exposures, simultaneous exposure to environmental mixtures, or the combined effects of social, lifestyle, nutritional, neighborhood, and environmental exposures. Postdoctoral fellows are able to take advantage of data from large cohort studies including the [Agricultural Health Study \(AHS\)](#) and the [Sister Study](#) to address these gaps. Participants are followed for numerous health outcomes, including cancer and non-cancer chronic diseases. Opportunities exist for large consortium-based projects, and for studies of racial and social disparities in exposures and health. Newly collected data on experiences during the coronavirus pandemic offer opportunities to address the impact of the pandemic in different populations, as well as associations between participant characteristics and coronavirus infection rates, and subsequent health outcomes.

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

TO APPLY:

Applicants should submit the following materials to epifellowships@niehs.nih.gov:

- Statement describing areas of research interest.
- Curriculum vitae with bibliography.
- Copies of one to two recent publications.
- Contact information for three persons serving as references.

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

