**Postdoctoral Fellowship in Environmental Epidemiology**

**Department of Environmental Health**

**Harvard TH Chan School of Public Health**

**Job Description**

Researchers in the Department of Environmental Health, Harvard TH Chan School of Public Health, along with collaborators at the Channing Division of Network Medicine, Brigham and Women's Hospital and Harvard Medical School and the Department of Population Medicine, Harvard Medical School and Harvard Pilgrim Health Care Institute are looking for an exceptional postdoctoral fellow to join the Spatial and Contextual Exposomics and Epidemiology Lab (spaceelab.org).

The postdoctoral fellow will be working under the guidance of Drs. Francine Laden, Peter James, Molin Wang, and Jaime Hart on studies exploring the impacts of measurement error in studies of the effects of air pollution and other spatial and contextual measures (e.g., built environment, greenness) on chronic disease risk in the prospective Nurses' Health Study cohorts (N=230,000+ with over 30 years of follow-up). He/She will lead several papers on the effects of air pollution, applying traditional and novel statistical methods. The emphasis of these methods are to incorporate measurement error correction into studies of air pollution mixtures.

**Training Opportunities**

The postdoctoral fellow will work with a team of dedicated mentors in a supportive research environment, with supplemental mentorship from a broader mentoring team. Training in epidemiologic methods, exposure assessment, geographic information systems, data analysis, and manuscript and grant writing will be provided.

**Qualifications**

Candidates must have a PhD or equivalent doctoral degree in epidemiology, environmental health, or related field. Programming and data management skills in SAS or R, as well as excellent writing skills are required. A history of prior work on the effects of air pollution, contextual measures, and/or the application of novel statistical methods are desired.

**To Apply**

The optimal start date is before the summer of 2023. To apply, please send a cover letter, curriculum vitae (CV), a writing sample, and the names of three professional references to Kaitlin Breen ([kmbreen@hsph.harvard.edu](mailto:kmbreen@hsph.harvard.edu) ), referencing “Spatial and Contextual Measures Postdoctoral Position” in the subject line. This is a grant funded position, with the potential for up to two years of guaranteed funding, pursuant to satisfactory progress.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related condition or any other characteristic protected by law. Women and minority candidates are particularly encouraged to apply.