

Postdoctoral Research Fellow, Epidemiology/Biostatistics, Philadelphia, PA

JOB OVERVIEW -- Applications are invited for a postdoctoral fellow to work on advanced epidemiological and statistical methods.

The fellow's work will focus on research that is utilizing cohort datasets to analyze how complex, geographically referenced built environment data and policy-relevant exposures impact health outcomes that relate to chronic disease. This work aims to incorporate individual-level heterogeneity in relevant geographic scales into modeling approaches and account for complexities of the available data such as selection bias, measurement error, and the interplay multiple environment features.

This work will analyze built environment and policy-related features (including community resources and urban design elements and taxes) and measures of health behaviors (diet, physical activity, tobacco use) and objectively measured biological and clinical outcomes (such as BMI, diabetes, hypertension). The fellow can utilize multi-site cohort studies (such as the Multi-Ethnic Study of Atherosclerosis) as well as Philadelphia datasets designed to specifically assess the impacts of local policies.

The fellow will join an interdisciplinary team of researchers across multiple institutions to conduct analyses and write papers. Ample opportunities will be available for mentoring, interacting with collaborators, and career development. Financial support will be available for travel to present at scientific meetings and selected training activities relevant to the fellow's work.

QUALIFICATIONS: The successful candidate will have a doctoral degree in epidemiology, biostatistics, or the social sciences with a strong quantitative background and good communication skills. Individuals are strongly encouraged to apply if they have training and research experience in quantitative bias analyses, longitudinal data analyses, multilevel and spatial analyses, and are interested in furthering their expertise and publications in the area of social or environmental epidemiology and urban health.

ESSENTIAL FUNCTIONS: Essential functions include conducting data analyses and writing papers as lead or co-author, presenting results at scientific meetings, developing new research ideas linked to the general project themes, and actively participating in collaborative research meetings.

START DATE: Prefer start date sometime during June 1, 2018 – Sept 1, 2018. However, start date may be flexible.

RECRUITING SALARY: \$50,000 per year.

SUPPLEMENTAL POSTING INFORMATION: The fellowship is based at the Drexel University School of Public Health (Philadelphia, Pennsylvania), Urban Health Collaborative (<http://drexel.edu/uhc/>) and is a full-time position for one year, and renewable for a second year.

The fellow will be an employee of the Drexel University School of Public Health (<http://publichealth.drexel.edu/>)
Postdoctoral fellows receive the same benefits as other Drexel University staff (<http://www.drexel.edu/hr/benefits/Overview/>)

Drexel University is an Equal Opportunity/Affirmative Action Employer. The School of Public Health is especially interested in qualified candidates who can contribute to the diversity and excellence of our academic community. Background investigations are required for all new hires as a condition of employment, after the job offer is made. Employment will be contingent upon the University's acceptance of the results of the background investigation.

HOW TO APPLY: Applications should include a cover letter, curriculum vitae, and the names of three references (references will not be contacted until after speaking with the applicant).

Email to Dr. Amy Auchincloss (aha27@drexel.edu). Subject header: applying for post-doctoral fellowship. Telephone contact: 267-359-6054

APPLICATION CAN BE FILED AT: www.drexeljobs.com/applicants/Central?quickFind=83179 (Requisition Number 8823) Job was posted March 2018 and will remain open until filled.