

**Post-Doctoral Researcher in Environmental Epidemiology:  
Social Stressors and Susceptibility to Air Pollution  
in Cardiovascular Illness**

**Department of Environmental and Occupational Health  
Dornsife School of Public Health at Drexel University  
Philadelphia, PA**

The Department of Environmental and Occupational Health, in the Dornsife School of Public Health at Drexel University, is currently recruiting for a post-doctoral researcher. This position is supported by a Health Effects Institute (HEI)-funded collaborative grant. The Research Associate will contribute to designing and implementing epidemiological analyses of air pollution and cardiovascular health, using data on spatial and temporal variation in air pollution, and emergency department data from New York City. The study will specifically investigate the effect of chronic social stressors (e.g., poverty, violence) in shaping susceptibility to multiple air pollutants in cardiovascular illness.

Applicants should have substantial experience in epidemiology, including case-crossover or related methods, and an interest in both social and physical environmental determinants of health. The successful applicant will have experience in statistical modeling using SAS and/ or R, and experience in working with large health outcomes databases, GIS-based spatial data, or data with substantial spatial and/ or temporal autocorrelation. The position will be based in the lab of Dr. Jane E. Clougherty at Drexel, and will work collaboratively with researchers at the Harvard T.H. Chan School of Public Health, University of Pittsburgh, University of Colorado at Boulder and University of Colorado School of Medicine at Denver, and University of Rochester. Some travel may be required.

The Dornsife School of Public Health at Drexel University is dedicated to research and interventions to promote the principle of health as a human right, with particular attention to creating healthier cities, reducing health disparities, and promoting health in all policies. Drexel provides outstanding opportunities for research, training, and collaboration with departments across the university and with Dornsife School's many research centers, including the Drexel Urban Health Collaborative (UHC) (<http://drexel.edu/dornsife/research/research-centers/UrbanHealthCollaborative/>).

To apply visit [Drexeljobs.com](http://Drexeljobs.com) and follow the prompts to apply to requisition 8183. Applications will be accepted until the position is filled. Applicants should provide a cover letter including a one-page statement of research interests and a resume/ curriculum vita which includes names and contact information for three references. Please contact Michelle Doyle, Business Administrator, Department of Environmental & Occupational Health, (267.359.6044; [mal385@drexel.edu](mailto:mal385@drexel.edu)) with any questions about the application process.