



Postdoctoral Fellowship in Environmental Epidemiology & Justice University of Southern California

The Division of Environmental Health at the University of Southern California seeks a new Postdoctoral Training Fellowship starting Fall 2023 in the Environmental Justice Research Lab, led by Dr. Jill Johnston. The Fellow will conduct research on multiple environmental epidemiology and exposure research projects funded by the National Institute of Health investigating the impacts of environmental exposures (especially oil and gas extraction) on women's health outcomes. The position emphasizes investigations leveraging cohorts in Los Angeles and California to understand relationships between energy development, environmental justice, and industrial pollution. In conjunction with faculty mentors, the Fellow will conduct spatial and epidemiological analysis of health data, analyze biomarkers and measures of cumulative exposure, and support analysis of prospectively-collected women's health data. This position offers opportunities for multi-disciplinary collaboration and professional development, including publications, presentation at scientific conferences, involvement in proposal writing, and participation in community meetings & events. The Department of Population and Public Health Sciences has leading research programs in epidemiology and biostatistics, with strengths in environmental health, cancer and chronic disease, genetics, and the development of novel statistical methods and related software. The USC Health Sciences Campus is home to several world-class research laboratories studying complex human diseases including cancers, cardiorespiratory diseases, neuro-developmental and neurodegenerative disorders. The Postdoctoral Fellow will collaborate with faculty from a variety of disciplines (statistics, remote sensing, epidemiology, environmental engineering) and will receive advanced training in exposure assessment and environmental epidemiology. The fellow will have the opportunity to acquire grant preparation skills, publish scholarly articles, present their research at academic conferences, and gain teaching experience if desired.

Qualifications:

- PhD in environmental health, epidemiology, biostatistics, or related discipline
- Interest in community-based research and environmental justice
- Strong quantitative skills
- Experience with data analysis using statistical software (R, Stata, SAS, or similar)
- Excellent written and oral communication skills

Start date: Fall/Winter 2023. The position is located in Los Angeles, CA.

Benefits: USC offers a competitive benefits package including health insurance.

How to Apply: Review of applications will commence October 1, 2023 and full consideration will be given to all applications received by this date. Applications received after the priority deadline may be reviewed until the position is filled or the search is closed. Interested candidates should email application to jillj@usc.edu with the subject line "EH Postdoctoral Fellowship." For any question please contact Dr Jill Johnston at jillj@usc.edu.

Applications should include the following (save files as a PDF with the following naming conventions):

- 1) Cover letter describing your research experience and interests and including contact information for three references - save the file as "[Last Name]_Cover",
- 2) CV - save as "[Last Name]_CV"



3) Writing sample (e.g. a manuscript or part of a dissertation)- save as “[Last Name]_Writing Sample”

Applicants from diverse backgrounds, women, and individuals with disabilities are encouraged to apply. USC is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

For more information about the Environmental Justice Research Lab, the Division of Environmental Health, and the Department of Population and Public Health Sciences at USC, please visit:

<https://ejresearchlab.usc.edu/>

<https://scehsc.usc.edu/>

<https://pphs.usc.edu/>

