Position Announcement: Postdoctoral Fellow

Southeast Wisconsin Health Effects of Chemical Exposure

The Department of Environmental and Radiological Health Sciences at Colorado State University has an opening for a postdoctoral researcher in the field of Epidemiology, Biostatistics, and Environmental health under the supervision of Dr. Sheryl Magzamen. This postdoctoral position would join a multidisciplinary team (epidemiology, biostatistics, environmental engineering, mechanical engineering, and human development) to understand the role of multiple chemical, physical, and social factors on adverse health outcomes in infancy and early childhood. This study, funded by the U.S. Environmental Protection Agency Science to Achieve Results (STAR) program, under the “Using a Total Environment Framework to Assess Life-long Health Effects of Chemical Exposures” RFA, seeks to implement novel statistical approaches to address multiple environmental exposures in a linked, longitudinal administrative cohort of approximately 17,000 children in the urban areas of Southeast Wisconsin.

The postdoctoral fellow will be primarily responsible for data analyses that integrate household-level and community-level primary and secondary data on air pollution, housing stock, lead exposure and social environment to address respiratory, neurocognitive and injury outcomes. Specific research activities will include database development, data analyses, and dissemination of research findings to project partners, development of peer-reviewed manuscripts, and presentation of findings at professional meetings. Postdoctoral fellow on the project are also encouraged and mentored to develop new proposals and research initiatives to support complementary research endeavors.

The selected candidate will have, or will soon have, a doctoral degree in Epidemiology, Biostatistics or Statistics with a strong interest in Environmental Health (Must have the degree at the start of appointment). Candidates must have experience in the application and development of methods for multiple environmental exposures and excellent R programming skills and database management skills. Preference will be given to candidates that have experience with and an interest in analyses using individual, household or community-based physical or environmental exposures (e.g. air pollution, built environment, poverty) and spatial statistics. Candidates with demonstrated organizational and time management skills are preferred. Candidates the ability to work both independently and within collaborative, multi-disciplinary teams are also preferred. Candidates with programming experience in, or a desire to learn, Python are preferred. Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department’s commitment to diversity and inclusion.

The position is a two-year appointment with the possibility of extension contingent upon satisfactory performance and continued funding. Salary is commensurate with experience. To apply, candidates must submit a cover letter, curriculum vitae and three (3) professional references including contact information at the following link: [http://jobs.colostate.edu/postings/42900](http://jobs.colostate.edu/postings/42900). The position will remain open until filled, however, for full consideration applications should be received by April 30, 2018. The anticipated start date for this position is summer/fall 2018. The full position announcement may be viewed by clicking on the following link: [http://jobs.colostate.edu/postings/42900](http://jobs.colostate.edu/postings/42900)

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.