The Department of Environmental and Occupational Health at The George Washington University Milken Institute School of Public Health invites applications for a **Post-Doctoral Scientist** to support activities on funded research grants aimed at improving understanding of the relationship between federal housing policies and residential environmental exposures among low-income communities.

The selected candidate will join the research group of Associate Professor Dr. Ami Zota. Dr. Zota’s work seeks to secure environmental justice and improve health equity through advancements in science, policy, and clinical practice. Her interdisciplinary research identifies novel pathways linking social disparities, environmental exposures, and reproductive and children’s health. Dr. Zota is equally committed to developing innovative approaches for science communication so that her research can more effectively be used to inform individual and collective decision-making.

This policy-relevant research project combines expertise in epidemiology, exposure science, and sociology and leverages an innovative data linkage between two large, national datasets – National Health and Nutrition Examination Survey (NHANES) and US Department of Housing and Urban Development (HUD) administrative datasets – to examine whether social policies such as federal housing assistance can reduce environmental health disparities. The individual may also be involved in other projects that address environmental health disparities and/or the health of vulnerable populations.

**Post-doctoral scientist responsibilities include:**

- Interface and communicate with federal agencies to gain access to data from HUD administrative records, American Housing Survey, NHANES, and Census.
- Analyze population health data using statistical software
- Develop communications materials and organize team meetings to disseminate public health information
- Plan and conduct independent research
- Write and publish peer-reviewed manuscripts
- Prepare and submit grant proposals
- Provide support with data management and guidance to junior staff

**Desired knowledge, skills, and abilities:**

- Doctoral degree required. Degree in environmental health, epidemiology, exposure science, or related field preferred.
- Advanced skills in statistical data analysis and experience working with large, complex datasets
- Experience working with programming languages such as R, SAS, or STATA
- Excellent oral and written communication skills (e.g., as evidenced by journal articles, websites, op-eds, and other writings for general public)
- Experience working with interdisciplinary teams on research projects
- Grant proposal writing and submission experience
- Ability to work and learn independently

**Employment type:** Full time, one year duration beginning August 2020 (start date is flexible). The position may be renewed for a second year depending on satisfactory performance. Applicants from underrepresented socioeconomic, racial/ethnic, gender identity, and sexual orientations backgrounds are strongly encouraged to apply. Our team thrives on insights that our diverse members bring to the design and interpretation of our data.

**Application process:** Interested applicants should submit a CV and cover letter to the **GWU Jobs Portal**. For questions or additional information, please contact Dr. Ami Zota at azota@gwu.edu.