

College: Public Health

Position: Geospatial Monitoring/Analytics – Applied to Community-Based
Environmental Injustice and Health

Rank: Assistant/Associate Professor

Description:

The Ohio State University College of Public Health invites applications for a scientist to be appointed at the rank of assistant or associate professor beginning Autumn 2023. We seek a scholar who is educated and trained in characterizing communities for assets and liabilities, sources, environmental matrices and contaminants as well as conditions/variables/factors that contribute to the biosocial impacts of environmental insults in vulnerable communities. We are particularly and more specifically interested in a scientist with expertise in using geospatial technologies/methodologies to map contaminant data and indicators of human exposure toward developing predictive causal inference models of the social and environmental factors contributing to disparate health outcomes. As a national leader in public health research, OSU has a responsibility to advance the research on racial justice to improve the health of our community, state and nation. The search committee is especially interested in candidates who, through their research, teaching, and service, will contribute to the diversity and inclusive excellence of the academic community.

This position will contribute to strengthening the scope and depth of complementary researchers who are either already at the university in addition to others being hired as part of various clusters hires including Anthropology, Geography, Medicine, Public Health, and Social Work. This is a part of an Ohio State University **Race, Inclusion and Social Equality (RAISE)** initiative interdisciplinary hiring cluster of three tenured / tenure-track faculty in the areas of **Race, Resources and the Environment** and **Race and Health Equity**. The goal of this cluster hire is to catalyze innovative and impactful community-based environmental justice research. Participating academic units include the Department of Anthropology within the College of Arts and Sciences, the Division of Environmental Public Health in the College of Public Health, and the College of Social Work. As part of a cluster hire, the preferred candidate will be expected to contribute to interdisciplinary team science that includes partnering with local communities to address the health impacts of environmental injustice.

Successful applicants will augment the college and university's strength in the areas of translational data analytics, environmental health exposure assessment, and epidemiology. As part of a cluster hire, the preferred candidate will be expected to contribute to interdisciplinary team science approaches that include partnering with local communities to address the health impacts of environmental injustice. Successful candidates in the College of Public Health are expected to contribute to research and scholarship through high quality publications, service to the community, and mentoring of graduate students. In the area of teaching, we seek a colleague prepared to play an active role in expanding and strengthening our robust undergraduate and graduate degree, certificate, and minor programs, by expanding course offerings focused in their area of expertise.

The successful candidate will join a collaborative faculty and have opportunities to build connections with strong academic units, research centers and institutes across the university, including the Kirwan Institute for the Study of Race and Ethnicity, Institute for Population Research, Infectious Disease Institute, Comprehensive Cancer Center, Sustainability Institute, Translational Data Analytics Institute, and the Global One Health initiative, among others.

Qualifications:

Applicants must have a Ph.D. degree in environmental health sciences, epidemiology, biostatistics, geography and/or related discipline with education, training, and expertise in applied public participatory geographical information systems (PPGIS) and/or geospatial monitoring and analytics technology/methods

as described above. Demonstrated research productivity plus the potential for excellence in teaching are required.

Appointment is contingent on the university's verification of credentials and other information required by law and/or university policies, including but not limited to a criminal background check.

About Columbus:

The Ohio State University campus is located in Columbus, the capital city of Ohio. Columbus is the Midwest's fastest-growing city and the nation's 14th largest city. Columbus offers a diverse array of welcoming neighborhoods and a vibrant arts and culture scene. Additional information about all that the Columbus area has to offer is available at <https://visit.osu.edu/experience>.

Application Instructions:

Apply to Academic Jobs Online at: **XXXXXXX**. A complete application consists of a cover letter that describes: 1) research interests 2) teaching philosophy, and 3) contributions to diversity and inclusion related to research, teaching and/or engagement, as well as a CV and names and contact information for three references. The College of Public Health is dedicated to fostering a sense of community and belonging for all. We strive to promote diversity and equity – and to be a model of inclusive excellence. Please include a separate diversity statement (up to one page) which outlines examples of your past commitment to diversity and inclusion and how you believe you might contribute to our inclusive climate. Finalists will be asked to supply letters of recommendation. Review of applications will begin on November 14, 2022 and will continue until the position is filled. Inquiries may be directed to Dr. Michael Bisesi at bisesi.12@osu.edu.

Ohio State University is committed to enhancing academic excellence. Recruiting, supporting, and retaining faculty of the highest caliber is a core component of this commitment. In support of this, The Office of Academic Affairs (OAA) has created the Office of Dual Careers and Faculty Relocation (DCFR) to focus on supporting new and prospective faculty. This support includes dual careers services, consultation and resources related to relocation, as well as identifying opportunities to engage on campus and the surrounding community. While employment opportunities are not guaranteed, resources and consultation are available to support the partners of new and prospective faculty as they are considering The Ohio State University and throughout their transition.

The Ohio State University is also committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. Over the next few years, The Ohio State University is committed to welcoming 350 new faculty hires, many of which will contribute to growing our role as a premier research university equipped to answer and interrogate the critical domestic and global societal challenges that deter equality and inclusion. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies.

The Ohio State University believes in diversity in people and ideas. What Ohio State does matters. And how we do it matters. When we are at our best, we make a real difference to people. We believe that the university should be a place where people can work and learn together in a safe environment, free of violence, harassment, discrimination, exploitation, and intimidation. As such, finalists for any faculty position that carries tenure must sign an authorization and disclosure form, which will allow current or prior employer(s) to share information to the University regarding any findings of employment-related misconduct or disciplinary proceedings against a candidate and/or any pending investigations related to alleged misconduct. Such information shall include findings and pending investigations with respect to sexual harassment, violence, or harassment; research misconduct; financial fraud or misconduct; foreign influence violations, grant misuse or misconduct; and/or any other type of finding or pending investigation relating to a candidate's employer's policies and rules governing faculty conduct that may reasonably be expected to affect a candidate's appointment. If the University becomes aware of any past finding of misconduct or pending investigations that were not disclosed, Ohio State will treat that as a serious omission and reserves the right to rescind an offer or terminate employment.

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.

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