

Postdoctoral Position: Geospatial Analysis of Mosquito-Borne Disease Transmission

We are seeking an enthusiastic postdoctoral researcher to study the environmental determinants of mosquito-borne disease transmission. The position is in the Ecological and Geospatial Research and Applications in Planetary Health ([EcoGRAPH](#)) group in the Department of Geography & Environmental Sustainability at the University of Oklahoma.

The postdoc will have a major role in a new NIH-funded study exploring urban landscapes, climate variability, and mosquito transmission in India. This exciting project ([R01AI153444](#)) is a collaboration with Cornell University and the University of Chicago. They will also contribute to an established project on West Nile virus forecasting across four U.S. states.

Applicants must have a Ph.D. with a focus on health geography, disease ecology, spatial epidemiology, or a closely related field. The Ph.D. must be completed before starting the position.

The desired candidate would have:

- experience in geospatial modeling, particularly in the use of climate and other environmental datasets to model species distributions and/or disease transmission,
- knowledge of data science platforms (such as R or Python),
- and familiarity with developing workflows for geospatial data processing and analysis.

The position is available as early as May 1, 2021, although a later start date is negotiable, and will be open until filled. Candidates from diverse backgrounds and underrepresented demographics are encouraged to apply. To apply, please send a letter of interest and a CV to Dr. Mike Wimberly at mcwimberly@ou.edu. Please feel free to send an email first if you have questions about the position.

The University of Oklahoma is committed to achieving a diverse, equitable, and inclusive university community by embracing each person's unique contributions, background and perspectives. The University of Oklahoma recognizes that fostering an inclusive environment for all, with particular attention to the needs of historically marginalized populations, is vital to the pursuit of excellence in all aspects of our institutional mission. This enhances the OU experience for all students, faculty and staff and for the communities we engage.