

# Postdoctoral Position

06/17/2026

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## Postdoctoral Position at the Health and Environment Learning and Modeling (HELM) Initiative at The Ohio State University, Columbus, Ohio

### Overview

The Health and Environment Learning and Modeling (HELM) initiative (<https://helm.osu.edu>) at The Ohio State University invites applications for a postdoctoral scholar position. The successful candidate will join an interdisciplinary team studying coupled human–environment health systems. The position centers on two linked areas:

- Environmental change, behavior, and disease risk: how land use and land cover change, recreation, and prevention behavior affect tick exposure, Lyme disease risk, and related health and economic outcomes.
- Bacterial genomics and evolution: how *Borrelia burgdorferi* diversity, spatial genetic structure, and evolution are linked to environmental change, human exposure, and disease risk.

### Qualifications

Applicants should have a PhD or equivalent doctoral degree by the start date in a relevant field, such as:

- Environmental economics, agricultural economics, applied microeconomics, natural resource management, geography
- Ecology and evolutionary biology, bioinformatics, computational biology
- Statistics, biostatistics, epidemiology, applied mathematics, data science

Candidates with experience in one or more of the following is preferred:

- Statistical analysis in R, Stata, or Python

- GIS tools, spatial data analysis, or environmental data science,
- Whole genome sequencing, phylogenetics, or phylodynamics
- Data compilation, data cleaning, reproducible pipelines

Candidates do not need prior expertise in all areas, but should have strong quantitative skills, scientific independence, and interest in cross-field collaboration.

## Position Details

- The position is funded for 12 months with the possibility of extension conditioned on performance and funding situation.
- The expected annual salary is \$63,000.
- The preferred start date is September 15, 2026, with some flexibility.
- The scholar will contribute to data compilation, applied data analysis, reproducible workflows, manuscript preparation, external grant proposals, student mentoring, and coordination with team members developing modeling and simulation components.

## About Columbus and The Ohio State University

Columbus is the capital city of Ohio and one of the fastest-growing cities in the United States. [The Ohio State University](#) offers a large research environment with active programs in public health, environmental science, economics, infectious disease research, data science, and computational modeling.

## Application Instructions

To apply, please send one PDF file containing a CV, a brief letter of interest, and the names of three references to Bo Stanek ([stanek.33@osu.edu](mailto:stanek.33@osu.edu)). The letter should briefly describe the applicant's research background, quantitative and computational skills, and fit with the position.