

The Health and Environment Modeling (HEALMOD) Initiative at OSU

The HEALMOD initiative at OSU is a newly-established interdisciplinary community of scholars dedicated to convergence research in the areas of human health and environmental sustainability. Co-administered by the Computational Epidemiology and Math/Statistics faculties at OSU's College of Public Health, and the Sociology and Anthropology faculties focused on quantitative research, HEALMOD prioritizes quantitative analyses of eco-social determinants of health and coupled human-natural systems.

Postdoctoral Fellowship Opportunities at HEALMOD

We are currently seeking candidates for three 2-year postdoctoral fellowships. We particularly welcome applicants with backgrounds in computational social science, ecology, epidemiology, or applied math/statistics and statistics. Areas of emphasis include:

- Mathematical/statistical modeling using dynamical systems
- Methods for studying social and ecological systems:
- Bayesian inference
- Machine learning
- AI-based methods
- Data mending
- Multiscale and multi-stream dynamical data systems

Preference for one of the positions will be given to candidates with a degree in the social sciences, such as Sociology, Political Science, Anthropology, etc. These positions are open immediately and will remain so until suitable candidates are identified.

We are especially interested in individuals with experience using the aforementioned advanced methods to model and understand interactions between sociocultural, behavioral, physiological, and environmental determinants of health. Some experience and interest in human and environmental microbiomes analysis is also welcomed.

Start Date:

The position offers a flexible start date, with the anticipated commencement period ranging from September 1st, 2023, to January 1st, 2024.

About Columbus and The Ohio State University:

Columbus, the vibrant capital city of Ohio, offers a unique blend of history, culture, and modern urban amenities. As one of the fastest-growing cities in the U.S., it boasts a dynamic community, rich arts scene, and diverse culinary offerings. The Ohio State University, located in the heart of Columbus, is a beacon of academic excellence and innovation. Joining OSU not only offers the chance to be a part of a prestigious institution but also to live in a city that balances urban energy with Midwestern warmth.

To apply send your CV and a letter of interest to Dr. Greg Rempala rempala.3@osu.edu . ;

*Position id **R87916***