

POSTDOCTORAL RESEARCH ASSOCIATES

Departments of Ecology & Evolutionary Biology and Mathematics and Center for the Study of Complex Systems, University of Michigan, Ann Arbor, USA

Applications are invited for two postdoctoral research fellowships in the population ecology of infectious diseases. These posts are part of five-year NIH-funded projects. In the first project, the successful applicant will develop mathematical and computational transmission models of dengue and confront them with longitudinal incidence data using cutting-edge statistical inference techniques. In the second project, we will develop theory and methodology for forecasting tipping points in emerging and re-emerging infectious disease systems.

The ideal candidate has a PhD in statistics, applied mathematics, applied physics, epidemiology or other highly quantitative field and previous experience in the analysis of epidemiological or ecological systems.

Initial appointments will be for one year, with possible renewal depending on progress. The salary will be in the range of \$40,000-50,000 per year (depending on experience), plus fringe benefits. Starting date is negotiable.

The University of Michigan is a vibrant scientific community and the successful applicants will be afforded many opportunities for professional development. Ann Arbor offers a rich cultural and intellectual life in a very livable small city setting.

For further information, contact Pej Rohani (e-mail: rohani@umich.edu). Applicants should send a cover letter, a detailed CV, a brief statement of research interests, and the names of three references. The cover letter should discuss possible starting dates.

Review of applications will start immediately and will continue until the posts have been filled.