

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

Applications are invited for two postdoctoral research fellowships as part of a 5-year NIH-funded project involving an interdisciplinary team of collaborators: Pej Rohani, Aaron King, Ed Ionides, and Mercedes Pascual. We are seeking to recruit candidates who will participate in one of two related projects.

(1) Use computational and statistical models to understand the immunological, spatial, and climatic determinants of dengue transmission.

(2) To develop and implement computational methods for statistical inference applied to high-dimensional, mechanistic epidemiological systems, with a focus on polio population biology.

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. 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 referees. The cover letter should discuss possible starting dates.

Review of applications will start on October 1st and will continue until the posts have been filled.