

A postdoctoral position is available to develop and implement a simulation study to evaluate alternative intervention strategies in a range of epidemiological models of Ebola. The postdoc will need a strong background in stochastic population modelling and an interest in applying theoretical methods to management of infectious disease and decision-making under uncertainty. A Ph.D. in Quantitative Ecology, Population Biology, Computer Science, Applied Mathematics or an equivalent area is required. Candidates should demonstrate a track record of publication; have strong organizational, written, and oral communication skills; and be able to work both independently and as part of a collaborative team. The position is funded by the NSF RAPID Program. The postdoc will work with: Dr. Katriona Shea (<http://www.bio.psu.edu/People/Faculty/Shea/>); Dr. Matthew Ferrari (<http://www.cidd.psu.edu/people/mjf283>); and Dr. Ottar Bjørnstad (<http://www.cidd.psu.edu/people/onb1>) in the Department of Biology (<http://www.bio.psu.edu> <<http://www.bio.psu.edu>>) and the Center for Infectious Disease Dynamics (<http://www.cidd.psu.edu> <<http://www.cidd.psu.edu>>) at the Pennsylvania State University. Please contact Katriona Shea (k-shea@psu.edu <<mailto:k-shea@psu.edu>>; +1 814-321-4809) for more information.

Interested applicants should submit a curriculum vitae, a 1-2 page statement of research interests that explicitly describes professional qualifications for this position, and contact information for three referees. Penn State requires all applicants to register and complete the application form at the Penn State employment website at

https://app2.ohr.psu.edu/Jobs/External/EVMS2_External/currentap1.cfm#54842.

Review of applications will begin immediately, and continue until a suitable candidate is found. This position is initially funded for one year from date of hire.

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to <http://www.police.psu.edu/clery/> <<http://www.police.psu.edu/clery/>>, which will also provide you with detail on how to request a hard copy of the Annual Security Report. Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to minorities, women, veterans, disabled individuals, and other protected groups.