

POST-DOCTORAL RESEARCH POSITION modeling sylvatic plague transmission among wild rodents. Twenty-four months of funding is available through the University of Wisconsin's Department of Veterinary Sciences and the USGS National Wildlife Health Center located in Madison, WI. The primary objective of this project is to develop predictive models of disease spread for sylvatic plague in relation to changing climate and assist with the analyses of large-scale data sets evaluating the effects of a plague vaccine using survival analyses, spatial-capture recapture, multivariate regression, and other statistical analyses.

Salary (negotiable) 42-50K

Preferred start date is Fall 2016 (however all interested candidates should apply, as start date is negotiable).

Qualifications

Qualified applicants should have a recent (last 1-2 years) Ph.D. with an emphasis in wildlife ecology/quantitative ecology or a similar discipline that provides the applicant with the necessary background in spatial modeling and wildlife ecology. Knowledge of wildlife disease and/or disease ecology is strongly recommended. Applicants must have 1) a record of research and publications, 2) strong knowledge and application of population modeling, 3) proficiency in R, 4) experience in disease ecology, 5) ability to work independently and solve project objectives with limited assistance, 6) good written and oral communication skills, and 7) ability to work with other scientists. Interested individuals should send a cover letter outlining experience, research interests, and relevant coursework, a curriculum vitae, and contact information for three references to **Robin E. Russell** rerussell@usgs.gov and **Tonie Rocke** trocke@usgs.gov. Applications will be accepted until position is filled.