

Postdoctoral Position

Department of Entomology, Texas A&M University
Vector-borne and zoonotic disease ecology

A postdoctoral position is available in Gabriel Hamer's Lab in the Department of Entomology, Texas A&M University. The successful candidate will contribute to research studying multiple aspects of mosquito-borne virus transmission on projects funded by multiple sponsors, including NIH. One project is focused on socio-ecological factors of mosquito-borne virus transmission and intervention in the Lower Rio Grande Valley along the Texas-Mexico border. A second project is exploring the consequences of pathogen co-infection in mosquitoes on arbovirus transmission using a combination of transmission experiments and mathematical modeling. All projects will integrate field, molecular, and quantitative techniques to understand and manage vector-borne diseases.

Candidates should have a PhD in biology, ecology, entomology, or related fields. Desirable skills and experience includes one or more of the following: molecular biology, next generation sequencing, bioinformatics, mathematical modeling, spatial epidemiology, and social science. Strong quantitative skills are required. Candidates should demonstrate a good track record of publications, have strong organizational, written, and oral communication skills, and will be expected to contribute to proposal writing. Candidates will need to work independently and as effective members of multidisciplinary collaborative teams. The candidate will have the opportunity to integrate with the TAMU Vector Biology Research Group (<http://vectorbiology.tamu.edu/>) and the Ecology and Evolutionary Biology Program (<http://eeb.tamu.edu/>).

Review of applications will begin immediately and the position will remain open until filled. The expected start date is flexible, as early as January, 2017. The position is available for 2 years with the possibility of renewal depending on performance and available funds. A competitive salary will be commensurate with experience. Applications should include a CV, statement of research interests, the names of three references and be sent to: gghamer@tamu.edu

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