**From:** Gabe Hamer
**Subject:** Two post-doc positions in vector-borne diseases at Texas A&M University

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Two post-doc positions are available at Texas A&M University:

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 (https://urldefense.proofpoint.com/v2/url?u=http-3A__vectorbiology.tamu.edu_&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=TO5ycmKhJZCfv3BzYj03Q9PkEt3wkoIrFcO5I-j2kvg&e= ) and the Ecology and Evolutionary Biology Program (https://urldefense.proofpoint.com/v2/url?u=http-3A__eeb.tamu.edu_&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=7DDO-jEPyDLtletOYjAE0tfQDw2517qs0X3pKD3M_m8&e= ).

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:
ghamer@tamu.edu

Gabriel L. Hamer
Assistant Professor
Department of Entomology
Texas A&M University
TAMU 2475
College Station, TX 77843-2475
Phone: 979-862-4067
Fax: 979-845-6305
E-mail: ghamer@tamu.edu
Website: https://urldefense.proofpoint.com/v2/url?u=http-3A__hamerlab.tamu.edu&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=pChS54oDwq56QsPV0BL9nPz3xzyCbhjdH8Q2XgqUxV8&e=

Postdoctoral Position in Disease Eco-Epidemiology

A postdoctoral position funded by the Department of Homeland Security is available in the laboratory of Dr. Sarah Hamer in the Department of Veterinary Integrative Biosciences at Texas A&M University. The successful candidate will expand an ongoing research program on the ecology and epidemiology of tick-borne and Chagas disease, including analyses of vectors, wildlife and domestic reservoirs, and spillover to human hosts. Projects will integrate field, molecular, and quantitative techniques in an eco-epidemiology framework. The successful candidate will be expected to contribute to proposal writing, prepare manuscripts, and mentor undergraduate, public health, veterinary, and/or graduate students. The successful applicant must work independently and as a member of multidisciplinary collaborative teams. The candidate will have the opportunity to integrate with a Citizen Science project (https://urldefense.proofpoint.com/v2/url?u=http-3A__kissingbug.tamu.edu_&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=Nq4wUnQmg1iV8rR73y8agBYoWtLlO-WFs91eH1atN5Y&e= ) and the Ecology and Evolutionary Biology Program (https://urldefense.proofpoint.com/v2/url?u=http-3A__eeb.tamu.edu_&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=7DDO-jEPyDLtletOYjAE0tfQDw2517qs0X3pKD3M_m8&e= ).

The preferred candidate will have a PhD in quantitatively oriented field such as epidemiology, ecology, biomedical science or related fields. Preferred research experience will be in statistical modeling, spatial epidemiology, next generation sequencing and bioinformatics. Candidates must have a good track record of publications and have strong organizational, written, and oral communication skills.

Application review will begin immediately and the position will remain open until filled. The start date is flexible, as early as Spring 2017. The position is available for one year with the possibility of renewal depending on performance and available funds. Salary is commensurate with experience. Application materials consist of a cover letter, CV, statement of research interests and career goals, and the names of three references. Materials should be emailed as a single PDF to Sarah Hamer: shamer@cvm.tamu.edu
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Sarah A. Hamer, MS PhD DVM Dipl ACVPM
Assistant Professor of Epidemiology
Associate Wildlife Biologist®
Department of Veterinary Integrative Biosciences and
Interdisciplinary Program in Ecology and Evolutionary Biology
Texas A&M University
College Station, TX 77843-4458
Tel: 979-847-5693; Fax: 979-847-8981
Office: 276 Vet Med Research Building
Lab: 261 Vet Med Research Building
shamer@cvm.tamu.edu
https://urldefense.proofpoint.com/v2/url?u=http-3A__vetmed.tamu.edu_faculty_hamer-2Dlab&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=u_yIpUNHILdill9fG_djyNhAeNrdYhpKuWLB5Mq45To&s=pE3Vcz35KmqE_ahZiYJA6Dt52qLlQ1gDrTA2CkW5WBo&e=