Postdoctoral Research Associate Positions – Ticks

Two Postdoctoral Research Associate Positions

Two Postdoctoral Research Associate positions are available in the Kaufman veterinary entomology laboratory in Department of Entomology at Texas A&M University in College Station, TX to work on ticks. The Texas A&M veterinary entomology laboratory focuses on the development of new pest management tools for livestock systems. Beef cattle, dairy cattle and horses are the predominant livestock in Texas and are a focus of this program; while investigations on improvement for ectoparasite management on companion animals and wildlife are a second focus. Insecticide resistance and control failures are commonplace for many fly and tick pests; therefore, innovative systems are needed to assist in their management.

1. Cattle fever tick resistance: The Postdoctoral Research Associate will be responsible for the identification of molecular mechanisms related to ivermectin resistance in the cattle fever tick, including identification of target-site insensitivity and detoxification mechanisms, and development of a diagnostic assay. This project is a partnership with the Knipling-Bushland U.S. Livestock Insects Research Laboratory and the position is available for one year with potential for renewal should funding be available. Apply at: <https://tamus.wd1.myworkdayjobs.com/AgriLife_Research_External/job/College-Station-AL-RSCH/Postdoctoral-Research-Associate_R-040393>
2. Brown dog tick vector biology: The Postdoctoral Research Associate will screen for permethrin resistance in brown dog tick populations throughout the southern United States. Using molecular techniques, the postdoctoral researcher will identify phylogenetic lineages of brown dog ticks and determine the presence of various pathogens in brown dog ticks. This position is available for one year with potential for renewal. Apply at: <https://tamus.wd1.myworkdayjobs.com/AgriLife_Research_External/job/College-Station-AL-RSCH/Postdoctoral-Research-Associate_R-043643>

Required Education: Ph.D. in entomology, parasitology, biology, or a closely related field.

Required Experience: Demonstrated research experience/background in entomology/parasitology, and molecular biology techniques.

Visit <http://entomology.tamu.edu> for more information about the department. Questions regarding the position can be addressed to Dr. Brandon Lyons ([Brandon.Lyons@ag.tamu.edu](mailto:Brandon.Lyons@ag.tamu.edu)). A complete application should include a CV/resume, a cover letter and a list of 3 references with daytime phone numbers and email.

The Texas A&M System is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity. The Department of Entomology, together with Texas A&M University and Texas A&M AgriLife Research, seeks individuals who are able to work with diverse students and colleagues, and who will contribute to the diversity efforts of the University.