



# CAES

The Connecticut Agricultural Experiment Station

Putting Science to Work for Society since 1875

*Center for Vector Biology & Zoonotic Diseases*

April 21, 2017

## **POSTDOCTORAL RESEARCH SCIENTIST**

### **CENTER FOR VECTOR BIOLOGY & ZOONOTIC DISEASES**

#### **NORTHEAST REGIONAL CENTER OF EXCELLENCE IN VECTOR-BORNE DISEASES**

The Center for Vector Biology & Zoonotic Diseases at The Connecticut Agricultural Experiment Station invites applications for a post-doctoral scientist position in Molecular Medical Entomology and/or Population Biology. The successful candidate will conduct original investigations on the behavior and population genetics of mosquito/tick vectors of human diseases. Applicants must possess a PhD or equivalent degree and excellent record of productivity, experience in molecular biology and/or population genomics including the preparation of samples for Next Generation Sequencing (GBS/RAD-seq), familiarity with the UNIX/Linux operating system, working knowledge of tools and methods for the analysis of population genomic data (STACKS, STRUCTURE, etc.), familiarity with scripting languages (Perl, Python) and statistical software (preferably R).

The successful candidate will interact with an interdisciplinary team of scientists at The Center for Vector Biology & Zoonotic Diseases and Northeastern Regional Center for Excellence in Vector-Borne Diseases with core strengths in medical entomology, genetics, virology, ecology, and epidemiology of vector-borne diseases. Additional information on research programs may be found at <http://www.ct.gov/caes/cvbzd> and <https://entomology.cals.cornell.edu/graduate/northeast-regional-center-excellence-vector-borne-diseases>. The successful candidate will have access to animal facilities, mosquito and tick colonies, and electron microscope facility within the Experiment Station, and core DNA sequencing, Center for Genome Analysis, and biotechnology facilities at nearby Yale University.

The salary is \$48,189 per year with a generous benefits package. Review of application materials will begin immediately and continue until the position is filled. Applicants should send electronically (1) a cover letter summarizing the candidate's qualifications, (2) curriculum vitae, (3) copies of graduate transcripts, and (4) names and contact information for three letters of three reference to: Dr. Goudarz Molaei ([Goudarz.molaei@ct.gov](mailto:Goudarz.molaei@ct.gov)), Center for Vector Biology & Zoonotic Diseases, The Connecticut Agricultural Experiment Station.

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