



The Connecticut Agricultural Experiment Station

Putting Science to Work for Society since 1875

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POSTDOCTORAL SCIENTIST: Vector Ecology of EEE Virus

Department of Entomology

Center for Vector Biology & Zoonotic Diseases

The Department of Entomology and Center for Vector Biology & Zoonotic Diseases at the Connecticut Agricultural Experiment Station (New Haven Campus) are seeking applicants for a Postdoctoral Research Scientist position starting as early as July 1, 2024 to conduct original investigations on the vector ecology of eastern equine encephalitis virus (EEEV) and evaluate trapping methods for monitoring mosquito populations and EEEV risk. The position is for two years, dependent on performance and continued funding availability, with a negotiable start date, and the salary is \$56,982/yr., including competitive medical and dental benefits.

Scope: The research project will evaluate different mosquito trap types and placement within swamp habitats for collection of EEE virus vectors and investigate the role of *Culiseta melanura* and other mosquito vectors in supporting EEEV transmission in Connecticut.

Required Qualifications: Candidates must have a Ph.D. in entomology, ecology, epidemiology, or a related discipline. Excellent communication (verbal and written) and organizational skills, as well as a track record of research productivity and scholarly publications in peer-reviewed journals, are essential. Expertise in medical entomology and vector-borne diseases and a strong background in experimental design and statistics/biostatistics are required.

Additional Qualifications: Willingness and ability to carry out both field and laboratory work is a must, as is the ability to work as part of a team of researchers. The applicant should have a valid US driver's license, the ability to obtain a driver's license within two months of employment, or a foreign driver's license and international driver's permit. Applicants will be expected to supervise undergraduate and graduate students to fulfill the research objectives of this project.

To Apply: Interested candidates should submit by email a single PDF document that includes: (1) a cover letter addressing the requirements above, (2) a CV or resume, and (3) the names and contact information for three references (e-mail and phone numbers) to: Dr. Philip Armstrong (Philip.Armstrong@ct.gov). The review of applications will begin immediately and continue until a suitable candidate is identified.

About Us: Founded in 1875, the Connecticut Agricultural Experiment Station (CAES) is a state-supported institution dedicated to basic and applied research that supports agricultural, environmental, and human health in Connecticut. Over eighty full-time researchers work at the main campus in New Haven, a 75-acre research farm in nearby Hamden, and at two satellite farms and laboratory facilities. CAES fosters a highly collaborative and collegial research environment and maintains close ties to nearby academic institutions, including Yale University and the University of Connecticut.

Equal employment opportunity means employment of people without consideration of age, ancestry, color, criminal record (in state employment and licensing), gender identity or expression, genetic information, intellectual disability, learning disability, marital status, mental disability (past or present), national origin, physical disability (including blindness), race, religious creed, retaliation for previously opposed discrimination or coercion, sex (pregnancy or sexual harassment), sexual orientation, veteran status, and workplace hazards to reproductive systems unless the provisions of sec. 46a-80(b) or 46a-81(b) of the Connecticut General Statutes are controlling or there are bona fide occupational qualifications excluding persons in one of the above protected classes. To file a complaint of discrimination, contact Jason White, Ph.D., Director, The Connecticut Agricultural Experiment Station, 123 Huntington Street, New Haven, CT 06511, (203) 974-8440 (voice), or Jason.White@ct.gov (e-mail). CAES is an affirmative action/equal opportunity provider and employer. Persons with disabilities who require alternate means of communication of program information should contact the Chief of Services, Michael Last at (203) 974-8442 (voice), (203) 974-8502 (FAX), or Michael.Last@ct.gov (e-mail).

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