
2025 Internship Opportunity Descriptions

Connecticut

Connecticut Department of Health, Vector-Borne Disease Program. Hartford, CT

<https://portal.ct.gov/dph/communications/services--programs/disease-and-prevention>

The internship will entail performing routine vector-borne human disease surveillance that includes data collection, analysis, and evaluation of surveillance data.

Delaware

Delaware Department of Natural Resources, Mosquito Control Section. Newark, DE

<https://dnrec.delaware.gov/fish-wildlife/mosquito-control/>

Our intern would have the option of learning about ticks, mosquitoes, or both, including identification and a variety of surveillance and management techniques, with opportunities for outreach if desired. Tick surveillance and management activities include dragging, collecting from wildlife hosts, a passive surveillance program with vet clinics, and deer 4-poster stations; mosquito activities includes CO2 traps, larval inspections, fogging, and sentinel chickens.

Massachusetts

Central Massachusetts Mosquito Control Project. Northborough, MA <https://www.cmmcp.org/>

Assist the CMMCP Mosquito Surveillance Program by monitoring local mosquito populations and arbovirus levels through the 2024 season. Control measures are dependent on the findings of this department. Pesticide resistance testing and other efficacy projects may also be included to help ensure the control quality of CMMCP. Note: The selected student will be directly hired by the partner agency for this opportunity and may be required to complete additional onboarding; compensation will follow agency regulations.

Cape Cod Mosquito Control Project. Yarmouthport, MA <https://www.ccmcp.net/>

Assist the CCMCP with efficacy trapping as well as arbovirus surveillance utilizing a variety of traps in addition to participating in all aspects of control. Learn about how water management, larvicide applications, and education are used to control mosquito populations for the health and comfort of residents and visitors to our area. Note: The selected student will be directly hired by the partner agency for this opportunity and may be required to complete additional onboarding; compensation will follow agency regulations.

Maryland

Garret County Health Department. Oakland, MD

<https://garretthealth.org/environmental-health/>

The Office of Environmental Health is developing a Tick Surveillance and Outreach Program. The intern would assist in active surveillance and public health outreach.

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Summer Internship Program



New Jersey

Camden County Mosquito Commission. Cherry Hill, NJ

<https://www.camdencounty.com/service/mosquito-commission/>

Learn about vector surveillance and control practices in NJ. Assist personnel with tick and mosquito monitoring, vector identification, and learn how decisions are made regarding the need for control practices.

Hunterdon County Mosquito and Vector Control Program. Flemington, NJ

<https://www.co.hunterdon.nj.us/435/Mosquito-Vector-Control>

Black fly surveillance and control: Assist the program in collecting larvae and adult blackflies, learn the basics of black fly identification and how to preserve/organize specimens for reference purposes. Optimizing Asian tiger mosquito control: Assist the program in conducting experiments to understand optimal concentrations of larvicide for this important container breeding vector mosquito. In addition, compare control concentrations to those used in field operations. Note: The selected student will be directly hired by the partner agency for this opportunity, contingent upon approved 2025 fiscal cycle; compensation will follow agency regulations.

New Jersey Office of Mosquito Control Coordination. Trenton, NJ <https://dep.nj.gov/njfw/omcc/>

Learn about vector surveillance and control practices in NJ. Assist personnel with vector monitoring, help process samples for arboviral testing, participate in field research studies, and learn how decisions are made regarding the need for control practices. Note: The selected student will be directly hired by the partner agency for this opportunity and may be required to complete additional onboarding; compensation will follow agency regulations.

New York

Suffolk County Department of Public Works, Vector Control Division. Yaphank, NY

<https://suffolkcountyny.gov/Departments/Public-Works/Vector-Mosquito-Control>

Work with the Division of Vector Control to conduct field evaluations of wetlands management for mosquito control. In addition, the intern may participate in tick surveillance and learn about tick control strategies.

St. Lawrence County Public Health Department. Canton, NY

<https://stlawco.gov/Departments/PublicHealth>

We are looking to establish mosquito surveillance in the county. The intern will assist with the field work aspect of this as well as potentially contribute to preparing reports.

Pennsylvania

Philadelphia Department of Public Health, Vector Control Services. Philadelphia, PA

<https://www.phila.gov/departments/departments-of-public-health/environmental-health-services/>

Assist the unit's vector surveillance program. Mosquito-borne disease surveillance, larval sampling, gravid and host trap setting, collection, and specimen processing.

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Virginia

Virginia Department of Health. Richmond, VA

<https://www.vdh.virginia.gov/ticks/tick-borne-diseases/>

We plan to complete tick surveillance across the state of Virginia. We could also work with other organizations in the Richmond area to give the intern experience with mosquito control activities.