Job Description

Title: Vector Surveillance Coordinator

Reports to: Program Manager

Description

The Vector Surveillance Coordinator will conduct operations for Richmond County Mosquito Control's vector surveillance programs as described below:

Adult Mosquito Surveillance

- Count and identify adult mosquitoes from routine and supplemental adult mosquito trapping
- Analyze landing count data from seasonal residential service requests

Larval Mosquito Surveillance

- Develop and execute a program to track habitats, locations, and species of larvae in the county

Pathogen Surveillance

- Seasonally, prepare eligible adult mosquitoes from mosquito trapping for shipment to the University of Georgia for pathogen testing
- Investigate the implementation of a pathogen testing program for ticks
- Coordinate the surveillance response to pathogen-positive cases

Insecticide Resistance Surveillance

- Collect and rear mosquitoes from eggs to the appropriate life stage (larvae or adults) for testing
- Assist the state entomologist with the insecticide resistance testing procedure

Tick Surveillance

- Develop and execute a program to ascertain species, life stage, location, seasonality, and abundance information for ticks

For all aforementioned programs, the Vector Surveillance Coordinator will keep fastidious written and electronic records and will generate reports on results to inform operational mosquito control decisions.

He/She will also attend relevant conferences and meetings as appropriate and present results at these events as necessary.

The Vector Surveillance Coordinator will also maintain direct communication with all other personnel within the department to ensure all program activities are informed by surveillance.

He/She will also participate in public outreach events and source reduction programs as needed to support the department's Integrated Mosquito Management (IMM) philosophy.

Education: Bachelor's degree in a life sciences discipline or closely related field

Experience:

One year general mosquito control experience preferred
Experience using taxonomic dichotomous keys