

ENTOMOLOGY ASSISTANT

Job Code	Pay Grade
16418	CL11

Nature of Work

This is specialized technical work assisting with arbovirus surveillance, mosquito population surveillance, mosquito identification, insecticide testing and data/record keeping. Employees in this class work directly under an administrative supervisor to execute field and laboratory tasks. Work requires independent judgment and initiative in carrying out assignments and may include limited supervision.

Minimum Qualification Requirements

- 2 years of mosquito or weed control experience; or
- 1 year of vocational or college course work in a scientific field and 1 year of mosquito or weed control experience; or
- An equivalent combination of education, training and/or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities and credentials relevant to position.
- Possession and maintenance of Public Health Pest Control, Aquatic Weed Control and Right-of-Way Control Certificates prior to the completion of the first year of employment.
- Possession and maintenance of Certified Mosquito Identifier certificate through the Florida Department of Agriculture and Consumer Services/Florida Medical Entomology Laboratory within one year of hire.

Illustrative Tasks (These are examples and are not inclusive.)

- Obtains routine blood samples from sentinel chicken flocks and records field information for laboratory processing.
- Assists in the placement of various types of traps and assesses mosquito trap catches in the field for immediate integration into the adult mosquito suppression operation.
- Identifies, records and maintains mosquito specimen collections for review and training purposes.
- Conducts field and laboratory efficacy tests and tests other mosquito control methods as necessary.
- Ensures proper operation, maintenance and replacement of designated equipment.
- Assists Entomology Technician and graduate students in all areas as needed.
- Enters and maintains all related records.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of mosquito physiology.
- Knowledge of scientific method and general laboratory techniques.
- Knowledge of the proper use of microscopes and other assigned equipment.
- Knowledge of data recording and graphing.
- Knowledge of media presentation and format.
- Ability to draw blood with a hypodermic needle and handle chickens in a calm and soothing manner.
- Ability to express oneself clearly and concisely, orally and in writing.
- Ability to read a map and maintain assigned trapping and collection equipment.

ENTOMOLOGY ASSISTANT (continued)

Job Code	Pay Grade
16418	CL11

Knowledge, Skills, and Abilities (continued)

- Ability to work in swampy, insect and reptilian infested locations.
- Ability to respond to emergency situations, including weekends and nights.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Para-Professionals	Classified