

ENTOMOLOGY & EDUCATION SUPPORT SPECIALIST

Job Code	Pay Grade
16422	CL12

Nature of Work

This is specialized technical work assisting with arbovirus surveillance, mosquito population surveillance, mosquito identification, insecticide testing and data/record keeping, assessing mosquito trap catches in the field for immediate integration into the adult mosquito suppression operation, assisting in care of the sentinel chickens and coops, as well as, draw blood samples. An employee in this class also specializes in support work coordinating educational public outreach programs, interaction with our communications department and the media, and training activities for the county. Incumbent may provide leadership and supervisory direction to others as a back-up to other supervisors. Employees work directly under an administrative supervisor to execute field, lab and educational tasks. Work requires independent judgment and initiative in carrying out assignments.

Minimum Qualifications Requirements

- 4 years of technical medical, biological science, or mosquito control experience; or
- 2 years of vocational or college course work in a scientific field and 2 years of technical medical, biological science or mosquito control experience; or
- An equivalent combination of education, training and/or experience.
- Must possess and maintain a valid Florida Driver's License.

Appointing Authority May Also Require

- 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 desired knowledge, skills, abilities and credentials relevant to position.
- Possession and maintenance of Public Health Pest 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 18 months of hire.

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

- Obtains routine blood samples from sentinel chicken flocks and record field information for laboratory processing.
- Assists in the placement of various types of traps, assesses, and documents 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.
- Assists with festivals, fairs and education activities as directed by supervisors.
- Works with inside and outside agencies in order to promote the county educational program.
- Coordinates all aspects of on-site educational tours throughout the county.
- Develops and implements educational training of staff.
- Participates as a team member for planning of educational programs.
- Conducts public speaking duties, including group orientation, as required.
- Performs related work as assigned or required.

ENTOMOLOGY & EDUCATION SUPPORT SPECIALIST (continued)

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Knowledge, Skills, and Abilities

- Knowledge of mosquito biology.
- Knowledge of scientific method and general laboratory techniques.
- Knowledge of the proper use of microscopes and other assigned equipment.
- Knowledge of data recording, graphing and the ability to keep accurate records of work performed.
- Knowledge of media presentations, press release formats, grammar, and punctuation.
- Ability to draw blood with a hypodermic needle and handle chickens in a calm and soothing manner.
- Ability to express oneself clearly and consistently, orally and in writing.
- Ability to read a map and maintain assigned trapping and collection equipment.
- Ability to work in swampy, insect and reptilian infested locations.
- Ability to respond to emergency situations, including weekends and nights.
- Ability to prepare and present instructional programs and speeches to teachers, children, students, civic groups and the general public.
- Ability to apply computer applications and software.
- Ability to work with public health agencies and citizens with tact and diplomacy.
- Ability to work evenings, weekends, or holidays as required.

For official use only

Created	EEOC Code	Overtime Code
8/14	Technician	Classified