

# Pasco County Mosquito Control District

## Entomologist

Salary Range: (\$58,032-\$87,028 - DOQ)

Closing date for applications - February 26, 2021

Anticipated start of employment – April 1, 2021

### Minimum Requirements:

Bachelors Degree in the Biological Sciences/Entomology and 3 years of experience in a mosquito control program or related field. Possession of an advanced degree (MS) and supervisory experience is highly desirable, although not required. Must be legally permitted to work in the United States. Must obtain a Florida drivers License and a Public Health Pest Control License issued by the state of Florida within a timely manner.

### Job Description:

Position entails a high level of technical and professional work: planning, coordinating and implementing entomological research, surveillance and control programs. The entomologist will:

- Facilitate the evaluation of pesticides and application equipment, control practices and surveillance methods.
- Perform yearly spray equipment calibrations and characterizations.
- Conduct and interpret ongoing larval and adult bioassays to monitor mosquito population resistance to insecticides.
- Support the sentinel chicken program and any additional arboviral monitoring efforts.
- Explore novel strategies for mosquito surveillance and control.
- Regularly perform mosquito identification activities for specialized traps.
- Maintain mosquito colonies and field collected populations.
- Initiate or participate in mosquito related research projects.
- Participate in the daily decisions related to control operations.
- Contribute to the training of mosquito control technicians in mosquito identification and proper control techniques.
- Stay up to date on the latest research.
- Represent the mosquito control District to professional peers and associations.

### Knowledge, Skills, and Abilities:

Thorough knowledge of entomology, ecology of arboviruses, research techniques related to mosquito control; ability to identify mosquito larvae and adults to species; thorough knowledge of laboratory practices; ability to accurately interpret and apply applicable rules and regulations; ability to supervise and coordinate various operational functions of the District; ability to apply scientific principles to practical situations; ability to establish and maintain effective working relationships with other employees and the public; ability to effectively communicate scientific information to peers and the public; proficiency in the use of office software such as Excel, Word, Power Point, and familiarity with GIS software

### Physical Demands and Duties:

The position of Entomologist will require work that is varied in nature. Individual must have the ability to speak, read, and write effectively in English; ability to regularly operate a motor vehicle; comfortable handling blood ; ability to regularly manipulate small parts and tools; ability to regularly bend at the

knees and waist; ability to occasionally reach over head; ability to occasionally traverse uneven ground such as cattail ponds, mangrove swamps, pastures, ditches, freshwater swamps, forests; ability to travel as a passenger in helicopters and small boats for the purpose of remote area inspections; ability to periodically perform repetitive motion associated with computer usage; ability to periodically assist in the lifting of objects weighing in excess of 60 pounds; ability to periodically lift objects weighing 40 pounds; ability to sit in one place while operating lab equipment. Must be able and willing to work outside the regular scheduled workweek to include evenings, weekends and holidays when necessary. Please submit your application and resume to:

Pasco County Mosquito Control District  
Attn: Agne Janusauskaite, Research & Surveillance Director  
2308 Marathon Rd.  
Odessa, FL 33556

Or email to: [ajanus@pascomosquito.org](mailto:ajanus@pascomosquito.org)

If questions, call 727-376-4568.