



Posted: 8 February 2017

## Now hiring: ENTOMOLOGIST

### Description

St. Tammany Parish Mosquito Abatement District (STPMAD) seeks a **mosquito control entomologist**. The primary responsibility of this position is to determine the efficacy and efficiency of mosquito larvicides and adulticides used in control activities. Work is performed under the supervision of the Assistant Director and/or Director.

### Job duties include:

- Monitor resistance of key vector mosquito species to insecticides being used.
- Conducts field tests to determine efficiency of insecticides.
- Calibrate droplet spectrum for all district spray equipment.
- Coordinate district arbovirus and mosquito surveillance.
- Evaluate trapping techniques for adult mosquitoes.
- Analyze surveillance data and prepare surveillance reports.
- Coordinates field biologist's field research projects.
- Assists district staff with public education efforts and presentations.
- Assists with the identification of adult mosquitoes and larvae to genus and species.
- Assists with staff training programs.
- Assists with GIS mapping as needed.
- Perform other duties on an as needed basis.

### Requirements

The applicant must have general knowledge of mosquito anatomy and biology including an understanding of the variety of aquatic mosquito habitat and the pathogens that mosquitoes transmit. In addition, the applicant must understand the modes of action of pesticides and understand how to safely apply pesticides. Experience performing bioassays which may include wind tunnel tests, spray cage tests, bottle bioassays, or *in situ* aquatic habitat tests is preferred. Experience using a dichotomous key for insect identification and with Geographic Information Systems (GIS) is also preferred. The applicant must have a valid driver's license with a good driving record. Finally, the applicant must be able to obtain and maintain a Licensed Pesticide Applicator Certification in Category 8A – Mosquito Control Applicator from the Louisiana Department of Agriculture and Forestry within one year of being hired.

### Qualifications

Though a Master degree in entomology, public health or related field is preferred, graduation from an accredited college or university with a bachelor degree in biology, botany, wildlife management, zoology or related field is required. In addition to a bachelor degree, course work in entomology or one year of related professional experience; or an equivalent combination of education, training and experience is preferred.

### Compensation

Annual compensation of \$52,000-62,000 is dependent on education and experience. In addition, health insurance premiums are currently fully covered by STPMAD. A public employee's pension plan is provided for retirement benefits.

This position will remain open until filled. To apply for this position, please send a cover letter and CV or resume to:

Dr. Kevin A. Caillouet  
Assistant Director  
St. Tammany Parish Mosquito Abatement  
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Slidell, LA 70460  
(985)643-5050 caillouet@stpmad.org