

Macon Mosquito Abatement District

3755 Cundiff Rd, Decatur, IL 62526 · (217) 875-2722 · www.maconmosquito.org

POSITION: Vector Biologist

PAY: Salary commensurate with education/experience

STATUS: Full Time

JOB SUMMARY:

Under the direction of the Executive Director the Vector Biologist will plan, organize and direct one or more aspects of the District's surveillance and control program. Conducts surveillance and control of vectors. Performs laboratory work related to the surveillance and control of vectors. Monitors trends in vector population fluctuations across the District. Assists in implementing procedures to survey for and prevent vector borne diseases and abate major sources of vectors. Assists in preparing public information and making educational presentations to the general public. Report issues related to vector surveillance and control. Apply scientific principles to practical situations.

DUTIES:

1. Oversees surveillance program for mosquitoes by planning trapping routes, maintaining traps and other surveillance supplies, and deploying, collecting and fixing traps when necessary. Monitors trends in vector population fluctuations across the district.
2. Sorts and identifies insect samples from surveillance devices; accurately records samples, updates surveillance databases; and prepares surveillance reports.
3. Develops methods, procedures and performs laboratory work related to the surveillance and control of vector-borne diseases.
4. Compiles and evaluates data accrued from the programs managed, generates reports, and program recommendations.
5. Supervises seasonal staff assigned to the laboratory.
6. Trains staff in mosquito identification, the surveillance program, and other laboratory and field duties.
7. Manages colonies of mosquitoes.
8. Participates in joint agency research projects.
9. Assists in developing educational material and in providing public education regarding the surveillance and control of vectors.
10. Assists in larvicide and adulticide applications as needed.
11. Assist in hiring and training of personnel.
12. Monitors and maintains records and data entry.
13. Keeps informed of current developments in vector biology, vector control, and vector surveillance; attends meetings and trainings to learn up to date information and skills related to vector biology and control.
14. Perform related work as required.

EDUCATIONAL REQUIREMENTS:

The Vector Biologist will have a Bachelor's Degree in a biological science such as entomology, biology, zoology, public health or closely related field.

SPECIAL KNOWLEDGE OR SKILLS:

The Vector Biologist must have at time of employment, a valid State of Illinois Driver's License. Must have or be able to obtain Illinois Department of Agriculture Pesticide License to apply pesticides.

PHYSICAL REQUIREMENTS:

The Vector Biologist must be in good general health and be able to carry out strenuous physical activity on a daily basis.

LIST OF EMPLOYMENT REQUIREMENTS:

1. You must be 18 years old and have a valid driver's license

If accepted for employment, you must have a clean driving record with no violations or accidents in the past year and not more than 2 violations or accidents in the past three years. We cannot consider you for a driving position if you have had a D.U.I. conviction.

2. You will be required to take and pass the State of Illinois Pesticide Exam.