



## Vector Control Surveillance Internship (Paid)

**FILING DEADLINE:** February 17, 2012 or until filled

**SALARY:** \$10-\$13 / hour, DOE

For applications please visit our  
website at [www.lcvcd.org](http://www.lcvcd.org)

The Lake County Vector Control District (LCVCD) is an independent special district that serves all of Lake County. In addition to mosquito and mosquito-borne disease surveillance and control, the District also conducts regular surveillance for ticks and tick-borne diseases, the nuisance midge *Chaoborus astictopus* (Clear Lake Gnat), and surveillance and control for various *Culicoides* species. The District responds as needed to other vectors and vector-borne diseases that occur within the county. In order to address the variety of unusual vectors and vector situations that occur within its boundaries, the Lake County VCD maintains a strong research program and regularly presents its findings at state and national conferences and in journals.

### GENERAL DESCRIPTION

This position will report to work at the district office in Lakeport each day. Work area may change from day to day depending on need, and be anywhere in Lake County. The internship is not a tenure-track appointment, and interns are selected on the basis that the working/learning experience at LCVCD will contribute to the attainment of their career goals in the Natural Sciences. The intern will gain practical experience in the field of public health vector surveillance and control, which should serve as a stepping stone for career advancement. There may be opportunities to collaborate on publications and/or presentations for state or national conferences.

### ESSENTIAL FUNCTIONS

The intern will perform a variety of laboratory and fieldwork to support the District's mosquito and vector research, surveillance, and control programs. The duties listed below are intended as illustrations of the various types of work that may be performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to this position. Duties may include part or all of the following:

- Identify immature and adult mosquitoes, ticks, and other insects and arthropods
- Maintain accurate records of surveillance and other data
- Use a variety of traps and methods to collect adult mosquitoes
- Use stereo microscopes, dissecting microscopes, and other laboratory equipment
- Collect immature mosquitoes and organisms that occur in aquatic habitats
- Collect, evaluate, and package dead birds for arbovirus testing
- Maintain sentinel chicken flocks
- Collect blood samples from sentinel chickens

- Assist with limnological surveys that include the collection and processing of Ekman dredge samples and water tests from Clear Lake and other local lakes
- Use beach seines to assist with an annual Clear Lake fish census
- Safely operate a District vehicle to perform work-related activities
- Use cellular telephone to communicate with headquarters and supervisor
- Communicate effectively with the general public
- Use personal protective equipment
- Accurately interpret maps and use handheld computer devices (GPS) to collect field information
- Perform general maintenance activity (repairing and maintaining traps and collecting equipment, cleaning mosquito fish tanks, District vehicles, lab equipment, etc.)
- Apply mosquito control products under the supervision of a certified vector control technician, if needed
- Perform other related duties as necessary.

### **Physical and Mental Demands**

Individual must be sighted with the ability to demonstrate measurable depth perception; Minimum of single ear aided hearing; Ability to speak, read, and write effectively in English; Ability to regularly operate a motor vehicle; Ability to regularly manipulate small tools and parts; Ability to regularly bend at the knees and waist; Ability to occasionally reach overhead; Ability to periodically lie in a prone position; Ability to regularly traverse uneven ground such as fields, hillsides, dirt banks, stream beds, and shallow ponds; Ability to occasionally perform repetitive motion associated with computer and/or microscope usage; Ability to periodically assist in the lifting of objects weighing in excess of 60 pounds; Ability to periodically lift objects weighing in excess of 30 pounds; Ability to periodically climb ladders, fences, or other objects; Ability to wear a respirator; Ability to swim.

Periodically = Activity or condition exists less than 25% of the time

Occasionally = Activity or condition exists 25-50% of the time

Regularly = Activity or condition exists 50-75% of the time

### **QUALIFICATION GUIDELINES**

**Requirements:** It is the applicant's responsibility to identify in his/her application materials how he/she meets the minimum requirements listed below:

- Must have a valid California driver's license.
- Must be insurable with the District insurance carrier using the accepted guidelines of the insurance provider. A DMV records check will be made before employment is offered.
- Must establish that he/she is a United States citizen or an alien authorized to work in the United States prior to appointment.
- Ability to learn and understand the duties and responsibilities of an intern for the Lake County Vector Control District

**Education/ Training/ Experience:** Any combination equivalent to experience and education that could likely provide the desired knowledge and abilities. A typical way to obtain the knowledge and abilities would be:

Experience: Four years of experience or training that can be directly related to the knowledge and ability requirements may be substituted for up to two years of college-level education.

Education: College-level education in the biological sciences; Junior, Senior, post-baccalaureate, or post-graduate.

Experience in biology laboratory and/or fieldwork are highly desirable. College coursework in biological sciences required. A bachelor's degree and/or previous laboratory experience preferred but not required.

### Terms of Employment

This is a 40 hour/week paid position, and is funded from March through October, but this position may be extended to accommodate the needs of the District. The workweek is generally Monday through Friday, 7:30 a.m. to 4:00 p.m. and may be adjusted to include weekends or for weather, disease activity, or other District needs. Workers Compensation is provided. Employees are protected under the Workers Compensation Laws of California. The District reserves the right to change or alter this description at its sole discretion.

### Application Process

Please call or email the District to request an application. All applicants must submit

- A completed LCVCD job application;
- A current resume or CV; and
- A letter of recommendation from an employer, professor, or supervisor.

Please note that a resume or CV unaccompanied by an application will not be considered. Applicants are strongly encouraged to submit their application packets in PDF format.

### Examination and Selection Process

Applicants selected for interviews will be based on a qualifying evaluation of training, education and experience of the application information. Those candidates selected for interviews will receive an oral interview to assess training, experience, and ability to perform the duties of the position. Selection will be based on a combined overall assessment of the oral interview. All qualified applicants will be considered for employment without regard to race, color, national origin, religion, gender, or sexual orientation. Please contact the District at least five (5) working days before a scheduled examination or interview if you require accommodation in the examination or interview process.

### Medical testing

Applicants selected for appointment must pass medical examinations and drug tests administered by the District's physician. The Lake County Vector Control District is committed to maintaining a drug- and alcohol-free workplace.

### About Lake County

Lake County is a rural community located in the coastal mountain ranges of northern California, and is named for its best-known feature—Clear Lake, a 63-square mile freshwater lake located entirely within the county. The county seat, Lakeport, is about 2.5 hours from the cities of San Francisco and Sacramento. There are numerous local opportunities for hiking, camping, bicycling, mountain biking, kayaking, rafting, fishing, birding, and other outdoor activities.



#### Contact information:

LAKE COUNTY VECTOR CONTROL DISTRICT

[www.lcvcd.org](http://www.lcvcd.org)

P.O. Box 310, 410 Esplanade, Lakeport, CA 95453

Phone: (707) 263-4770 Fax: (707) 263-3653

Email: [jjscott@lcvcd.org](mailto:jjscott@lcvcd.org)