



**OPEN EXAMINATION
SENIOR PUBLIC HEALTH BIOLOGIST
CONTINUOUS TESTING
SX60 / 0563 7H1CG**



California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is the objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY: Persons who meet the minimum qualifications (entrance requirements) as stated on this announcement may take this examination, which is competitive.

HOW TO APPLY: To learn more about the job and testing arrangements, contact the testing office shown below. Applications are available through the <http://www.spb.ca.gov/jobs/stateapp.htm> and at the testing office shown below. Applications may be filed in person or by mail with:

	DEPARTMENT OF PUBLIC HEALTH	(916) 445-0983
	Selection Unit	
In Person:	1501 Capitol Avenue, Suite 71.1501	
By Mail:	MS 1700 - 17002	
	P.O. Box 997378	
	Sacramento, CA 95899-7378	

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD

CROSS-FILING INFORMATION: If you meet the entrance requirements for this class and for Associate Public Health Biologist, you may file for both examinations on a single application. You must indicate the class title(s) for which you are applying on the application Form STD. 678.

FINAL FILING DATE: There is no final filing date. Testing is considered continuous as dates can be set at any time. The testing office will accept applications continuously and will notify and test applicants as needs warrant.

TESTING PERIOD: A candidate may be tested only once during any testing period. The testing period for this classification is January 1 through December 31.

SALARY RANGES: \$4960 - \$6278 per month.

POSITION DESCRIPTION: This is the technical expert level of the Public Health Biologist series. Incumbents serve as staff expert on a specific aspect of the vector-borne disease program and, under general supervision, plan, organize, and evaluate programs in the prevention, surveillance, and control of vector-borne diseases; provide technical guidance and assistance to staff of public agencies; coordinate emergency control efforts; plan, conduct, and publish results on studies on the ecology and control of specified vector-borne diseases; prepare educational materials and presentations; and do other related work. Positions exist with the Department of Public Health statewide.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION: It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement on the date you submit your application. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **must** include “to” and “from” dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **must** include title, semester or quarter units, name of institution, completion dates, and degree (if applicable).
Applications/resumes received without this information will be rejected.

MINIMUM QUALIFICATIONS: Qualifying experience may be combined on a proportionate basis if the following requirements include more than one pattern and are distinguished as Either I, or II, or III, etc.

Either I

Two years of experience in the California state service performing the duties of Associate Public Health Biologist.

Or II

Experience: Five years of increasingly responsible experience in vector biology and control, two of the required years of experience must have been in a position comparable to that of Associate Public Health Biologist in the California state service. (Possession of a degree in a biological science or closely related specialty may be substituted for the required experience on the basis of a master’s degree satisfying two years of the required experience or a doctorate degree satisfying three years of the required experience.). **And**

Education: Graduation from college with baccalaureate degree in biological or closely related science.

GENERAL QUALIFICATIONS: In addition to the scope defined on this announcement, candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

DESIRABLE CHARACTERISTICS: Willingness to travel and work away from the office.

EXAMINATION INFORMATION: This examination utilizes an evaluation of education and experience (E&E) weighted 100%, and is based solely upon information provided with the application. Information provided with the application will be assessed compared to a standard developed in relation to the elements of the job and linked to the knowledge and abilities required on the job.

Special care should be taken to submitting a complete description of your education and experience relevant to the typical tasks, scope, and minimum qualifications stated on this announcement. Supplemental information will be accepted but competitors should read the announcement carefully to determine what kind of information will be useful to those individuals completing the evaluation.

The Department of Public Health reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

SCOPE: Rankings will be determined based on the depth and breadth of professional education and experience beyond what is minimally required. Emphasis will be placed on measuring:

Knowledge of:

1. Epidemiological principles and concepts in the control of zoonotic diseases.
2. Biology and taxonomy of vertebrates and invertebrates of importance in the transmission of vector-borne diseases.
3. Research techniques in the study of disease transmission, and vector and reservoir animal population dynamics.
4. Procedures used in the prevention and control of animal-related diseases.
5. Current technology and sources of information.
6. Medical entomology, epidemiology, mammalogy, ecology, taxonomy, and biology.
7. Public health principles, practices, laws and regulations.
8. Use of chemical and biological control agents.
9. Current public health issues including biological and ecological research studies.
10. Principles and techniques of planning and organizing a vector-borne disease prevention and control program.

Ability to

1. Conduct field surveillance and handle diseased animals.
2. Identify arthropods and compile distribution records.
3. Analyze and evaluate surveillance data and other scientific observations.
4. Communicate effectively.
5. Independently conduct scientific studies required to evaluate vector-borne disease and control problems.
6. Analyze situations accurately and select effective courses of action.
7. Establish and maintain cooperative relationships with individuals, organizations, and governmental agencies.
8. Interpret current research literature and apply results to prevention and control programs.
9. Effectively evaluate vector-borne disease prevention and control programs at the local level and make recommendations for improvements and/or compliance with current laws and regulations.
10. Plan and organize a major program or regional activity.
11. Develop educational materials for distribution to the public and local agencies.
12. Present training programs to local agencies, special interest groups, and associations.

ELIGIBLE LIST INFORMATION: Names of successful competitors are merged into a departmental open list established for use by the Department of Public Health in order of final scores regardless of testing date. Eligibility expires 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period. All candidates meeting the minimum qualifications will be placed on the eligible list.

NOTE: Transfer of list eligibility is not permitted from a list established by an E&E examination to a list established by any other type of examination.

Eligible Lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first.

VETERANS PREFERENCE: Veterans preference credits will not be granted in this examination since it does not qualify as an entrance examination.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD device.

The California Relay (Telephone) Service for the deaf or hearing impaired:
MCI from TDD: 1-800-735-2929 MCI from voice telephone: 1-800-735-2922
Sprint from TDD: 1-888-877-5378 Sprint from voice telephone: 1-888-877-5379