



OPEN EXAMINATION
Research Scientist IV (Food and Drug Sciences)
CONTINUOUS TESTING

LR21/ 5611 7H1AV



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, or visit the [Research Scientist](#) website.

In Person: DEPARTMENT OF PUBLIC HEALTH (916) 319-9759
By Mail: HUMAN RESOURCES BRANCH
1501 Capitol Avenue, Suite 1501
MS 1701
P.O. Box 997378
Sacramento, CA 95899-7378

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD

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 of testing as needs warrant.

TESTING PERIOD: A candidate may be tested only once during any 12 month period.

SALARY RANGES: \$6446 - \$7834 per month.

POSITION DESCRIPTION: Under administrative direction, incumbents plan, organize, and direct major scientific research studies that are complex and have statewide sensitivity and policy impact; make original, independent decisions on complex scientific problems using scientific theories and principles on association and risk, and then develop and test hypotheses on causes; and conceive, plan, and conduct scientific research work of large scope on a statewide or national basis that has extreme difficulty and complexity in unexplored areas of public health. The results of their applied scientific research can be used in public health prevention and control programs. Incumbents use their scientific expertise to plan, direct, and execute major professional public health research studies. Provide evaluations and scientific recommendations as a scientific expert. Scientific recommendations are normally accepted as sound without close review unless matters of policy are involved. Incumbents seek and analyze all relevant, available, scientific, technical, medical, and other information from sources within and outside the organization, and integrate this information into the decision-making process. If relevant information is not available, incumbents identify this shortfall to management and develop proposed studies necessary to generate this information. Incumbents consult with department management and others in areas appropriate to their qualifications and participate in the development of public health policy; provide consultation to departmental management and others as requested; make presentations to State public health experts and the community on the scientific research conducted and also publish this research in scientific journals; act as a subject-matter expert in conducting public health scientific research that has the potential for adverse public health impact on community health; provide interpretations of scientific research findings for use by others; and perform other related work.

FOOD AND DRUG SCIENCES: Incumbents in this parenthetical are distinguished from other Research Scientists by being required to analyze and conduct research studies on food, cosmetic, and consumer product safety, and drug and medical device consumer product safety and effectiveness. Subspecialties in this parenthetical focus on food product safety, drug product safety, cosmetic product safety, or medical device product safety. Work in a subspecialty requires advanced knowledge in a specific area of food microbiology, nutrition, food technology, food biochemistry, food or drug chemistry, drug pharmacology, biomedical device engineering sciences, or risk assessment. Research studies and investigation conclusions are used to ensure the production of safe foods, drugs, cosmetics, and medical devices. In food borne illness outbreaks, investigations are conducted and, using scientific risk assessment procedures, the potential sources of contamination are identified and controlled through scientific research on the source of contamination and the implementation of new food manufacturing procedures. Incumbents, working in drug, cosmetic, or medical device safety have knowledge of the technologies used to uniformly assure the safety and effectiveness of these consumer products; locate, review, and evaluate current relevant scientific information and expert opinion to determine whether investigational new drug or device studies are adequately designed and controlled to generate scientifically valid and useful data; consult with other scientists, evaluate scientific data, and recommend necessary control measures to minimize adverse health

outcomes; and verify that all scientific data submitted in support of industry claims is accurate and that foods and cosmetics are safe and drugs and medical devices are safe and effective.

Positions exist with the Department of Public Health in Los Angeles and Richmond.

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.

Applications/resumes received without this information will be rejected.

MINIMUM QUALIFICATIONS: One year of experience in the California state service performing scientific research duties comparable to those of a Research Scientist III in the stated specialty or a closely related field. **and** Possession of a doctoral degree in the stated specialty or a closely related field.

Or II
Four years of progressively responsible research experience in the stated specialty or in a closely related field. This experience must have included major responsibility for the design, conduct, and analysis of a large or highly complex and difficult research, and experience in the development, planning, and operation of a multidisciplinary, complex, and difficult research program involving coordination of several groups of disciplines, and preparation of major reports and scientific publications (possession of a recognized professional Board certification in the stated specialty or possession of a master's degree in Public Health or preventive medicine may be substituted for two years of the required experience.). At least one year of this experience must be at a level of responsibility equivalent to that of a Research Scientist III. **and** Possession of a doctoral degree in the stated specialty or in a closely related field.

Or III
Four years of progressively responsible professional research experience in a field of medical specialization relevant to the stated specialty or in a closely related field. This experience must have included major responsibility for design, conduct, and analysis of complex research, or responsibility for the administration and coordination of large, complex multidisciplinary, or multi-institutional research programs. At least one year of this experience must be at a level of responsibility equivalent to that of a Research Scientist III. **and** Possession of the degree of Doctor of Medicine.

The required education degree for all patterns must have been obtained from a recognized U.S. university or from a foreign university approved by the Bureau of Private Postsecondary and Vocational Education under the provision of California Education Code Chapter 3, Part 59, Division 10.

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.

EXAMINATION INFORMATION: The examination will consist of a [Supplemental Application](#) that is weighted 100%.

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.

ELIGIBLE LIST INFORMATION: Possession of the entrance requirement does not assure a place on the eligible list. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. Names of successful competitors are merged into the open list established for use by the Department of Public Health in order of final scores regardless of testing date. Eligibility expires 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

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