CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
RESEARCH SCIENTIST IV (MICROBIOLOGICAL SCIENCES)
OPEN EXAMINATION
CONTINUOUS TESTING

LR22 / 5612 2H1AW
Bulletin Release Date: October 8, 2014
This bulletin supersedes the bulletin released on December 16, 2013

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: Applications must be submitted via the U.S. Postal Service or hand delivered to the Department of Public Health Human Resources Office (hours are 8:00 AM to 5:00 PM). Standard State Applications (STD. 678) can be found at: **http://jobs.ca.gov/pdf/std678.pdf.** Submit Standard State Application to:

Mailing Address:
California Department of Public Health
Selection & Certification Unit
MS 1700-1702
P.O. Box 997378
Sacramento, CA 95899-7378

File in Person Address:
California Department of Public Health
Selection & Certification Unit
1501 Capitol Avenue, Suite 71.1501
Sacramento, CA 95814
Telephone: (916) 319-9759

FINAL FILING DATE: The testing office has established the following application cut-off date: January 24, March 24, May 24 and July 24. September and November testing for this classification has been postponed until 2015. Submission of applications after the cut-off date will not be accepted for the current examination, but will be held for the next scheduled examination.

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: $6665 - $8343 per month

EMPLOYEE BENEFITS:

In addition to the salary above the California Department of Public Health offers benefits in the following areas:

- Health, Dental, and Vision
- Cash Benefit Programs
- Disability Insurance
- Work, Home, and Family
- Beneficiary and Survivor Benefits
- Awards
- Retirement and Separation Benefits
- Flexible Schedules
- Public Transit Reimbursement (limits apply)

A complete description of all benefits may be viewed at http://www.calhr.ca.gov/Pages/home.aspx

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.

MICROBIOLOGICAL SCIENCES: Incumbents in this parenthetical are distinguished from other Research Scientists by being required to analyze and draw conclusions from research studies of the microbial, viral, and immunologic aspects of infectious diseases. Work in a subspecialty requires broad knowledge in a specific area of bacteriology, parasitology, mycology, virology, microscopy, molecular biology/microbial genetics, food, and water microbiology. Research study conclusions are used to improve detection and identification of infectious disease-causing microorganisms; define mechanisms and modes of infectious disease transmission; identify mechanisms of tissue injury; support improved investigation of infectious disease outbreaks; and improve methods to prevent infectious disease transmission.

Positions may exist statewide with the Department of Public Health.

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 **must** include "to" and "from" dates (month/day/year), time base, job titles and/or civil service class title(s), and range (if applicable) for all work experience. College course Information **must** include title, number of semester or quarter units, name of institution, completion dates, and degree. **Applications received without this information will be rejected. Applicants must submit a copy of official transcripts along with the application when using education to meet the entrance requirements for this examination.**

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: Will be awarded in this examination, pursuant to Government Code Section 18973.1, effective January 1, 2014, as follows: 1) Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an entrance examination, shall be ranked in the top rank of the resulting eligibility list. Any veteran who has been dishonorably discharged or released is not eligible for veterans' preference; 2) An entrance examination is defined, under the law, as any open competitive examination; 3) Veterans' Preference is not granted once a person achieves permanent civil service status.

HOW TO APPLY FOR VETERANS' PREFERENCE: The California Department of Human Resources (CalHR) has information on how to apply for Veterans' Preference on their website at www.jobs.ca.gov and on the Application for Veterans' Preference form (CalHR 1093). Additional information is also available at the Department of Veterans Affairs website at www.cdva.ca.gov.

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

CONDITIONS OF EMPLOYMENT (631)

Examination Title: Research Scientist IV (MICROBIOLOGICAL SCIENCES)

Name: _____
(Print: first, middle initial, last)

FFD: Continuous

If you are successful in your examination your name will be placed on the active employment list and certified to fill vacancies according to the conditions you specify on this form. If you are unwilling to accept work or do not reply promptly to communications your name will be placed on the inactive list.

Locations in which you are willing to work:
Please indicate your choices - you will not be offered a job in locations not checked.

MARK NORTHERN REGION COUNTY CHOICES:

_____ 0400 Butte
_____ 0600 Colusa
_____ 0800 Del Norte
_____ 1100 Glenn
_____ 1200 Humboldt
_____ 1700 Lake
_____ 1800 Lassen
_____ 2300 Mendocino
_____ 2500 Modoc
_____ 2900 Nevada
_____ 3100 Placer
_____ 3200 Plumas
_____ 4500 Shasta
_____ 4600 Sierra
_____ 4700 Siskiyou
_____ 5100 Sutter
_____ 5200 Tehama
_____ 5300 Trinity
_____ 5800 Yuba

MARK CENTRAL REGION COUNTY CHOICES:

_____ 0100 Alameda
_____ 0200 Alpine
_____ 0300 Amador
_____ 0500 Calaveras
_____ 0700 Contra Costa
_____ 0900 El Dorado
_____ 1000 Fresno
_____ 2000 Madera
_____ 2100 Marin
_____ 2200 Mariposa
_____ 2400 Merced
_____ 2700 Monterey
_____ 2800 Napa
_____ 3400 Sacramento
_____ 3500 San Benito
_____ 3800 San Francisco
_____ 3900 San Joaquin
_____ 4100 San Mateo
_____ 4300 Santa Clara
_____ 4400 Santa Cruz
_____ 4800 Solano
_____ 4900 Sonoma
_____ 5000 Stanislaus
_____ 5500 Tuolumne
_____ 5700 Yolo

MARK SOUTHERN REGION COUNTY CHOICES:

_____ 1300 Imperial
_____ 1400 Inyo
_____ 1500 Kern
_____ 1600 Kings
_____ 1900 Los Angeles
_____ 2600 Mono
_____ 3000 Orange
_____ 3300 Riverside
_____ 3600 San Bernardino
_____ 3700 San Diego
_____ 4000 San Luis Obispo
_____ 4200 Santa Barbara
_____ 5400 Tulare
_____ 5600 Ventura

TYPE OF EMPLOYMENT DESIRED:

ON A PERMANENT BASIS, I AM WILLING TO WORK:

_____ Full Time _____ Part Time (regular hours less than 40) _____ Intermittent (on call)
_____ Limited Term

ON A TEMPORARY BASIS, I AM WILLING TO WORK:

_____ Full Time _____ Part Time (regular hours less than 40) _____ Intermittent (on call)
_____ Limited Term

It is your responsibility to notify the Department of Public Health, Selection and Certification Unit, of any changes in your address or availability for employment. All correspondence must include your examination title, identification number and Social Security number.

Signature: _____ Date: _____