



COUNTY OF HUMBOLDT
invites applications for the position of:

Public Health Microbiologist I

SALARY: \$22.86 - \$29.34 Hourly
\$3,962.66 - \$5,084.99 Monthly
\$47,551.92 - \$61,019.88 Annually

OPENING DATE: 03/07/18

CLOSING DATE: 04/04/18 11:59 PM

DEFINITION:

Under general supervision, conducts and interprets microbiological and bacteriological tests in the fields of communicable diseases and environmental sanitation; performs related work as assigned.

DISTINGUISHING CHARACTERISTICS

Public Health Microbiologist I is the entry level in this professional series for those who have been certified as Public Health Microbiologist by the State of California, and have minimal post certification experience or have been out of practice for a number of years. Under close supervision, incumbents conduct and interpret microbiological and other analytical tests. This class is alternately staffed with Public Health Microbiologist II, and incumbents may advance after gaining experience and demonstrating proficiency which meet the qualifications for the higher level. Public Health Microbiologist II is the journey level in this skilled, professional class, certified by the State of California and fully competent to prepare, conduct and interpret a broad range of microbiological and other analytical tests to support public health clinic and environmental health staff. Incumbents also train and oversee the work of Public Health Microbiologist Trainees. Successful performance of the work requires the use of independence, judgment and initiative within established guidelines. This class is distinguished from Public Health Laboratory Manager in that the latter has supervisory responsibility over all functions of the public health laboratory.

EXAMPLES OF DUTIES:

- Examines clinical specimens for the presence of pathogens.
- Performs bacteriological, biological, parasitological, toxicological, molecular and serological tests and analysis.
- Performs tests and examinations for a variety of communicable diseases including HIV, tuberculosis, diphtheria and gonorrhea.
- Performs tests on environmental health samples, such as water, wastewater and food.
- Performs general tests on submitted cultures for the identification of bacteria.
- Performs laboratory quality control tests on media and reagents used in laboratory testing; maintains quality assurance standards.

- Operates and maintains a variety of laboratory equipment; troubleshoots operating problems and makes adjustments.
- Coordinates laboratory activity with those of medical clinics, physicians, public health services and outside laboratories; provides training concerning proper collection and handling of specimens.
- Coordinates and/or participates in training activities for community agencies such as law enforcement agencies and fire departments; may participate in developing training protocols.
- Maintains detailed records of laboratory testing and prepares written reports as necessary.
- May train and direct the work of laboratory assistants on a project or day to day basis.
- May train and direct the work of other staff; may oversee and sign off on tests performed by uncertified staff.

QUALIFICATIONS:

Knowledge of:

- Basic supervisory principles and practices.
- Principles, practices and procedures of clinical laboratory operations including chemistry, microbiology, serology, mycology and parasitology.
- Medical terminology and concepts.
- Principles and practices of laboratory quality control, statistical measurements, and evaluation.
- Operation and minor maintenance of a wide variety of laboratory equipment used in the work.
- Computer applications related to laboratory support and recordkeeping.
- Clinical procedures and recordkeeping requirements.
- Safety precautions and safe work methods related to the work.

Skill in:

- Directing and training support staff on a project or day to day basis.
- Performing a wide variety of laboratory tests and procedures.
- Operating and maintaining complex laboratory equipment.
- Developing and implementing test procedures to isolate and identify pathogens.
- Maintaining quality control in performing laboratory work.
- Preparing and maintaining accurate records of work performed.
- Observing safety practices related to the work.
- Establishing and maintaining effective working relationships with those contacted in the course of the work.

Other Requirements:

- Must possess a valid certificate as a Public Health Microbiologist as issued by the California State Department of Health Services.
- Must be willing to work with infectious material, including the AIDS virus.
- May be required to be immunized against various communicable diseases, including rabies.
- May be required to work after hours and weekends as necessary.

Desirable Education and Experience:

A typical way to obtain the knowledge and skills outlined above is:

Public Health Microbiologist I: Recent certification as a Public Health Microbiologist as issued by the California State Department of Health Services.

ADDITIONAL INFORMATION:

CalPERS Retirement

- Tier I: Prior to 7/5/2012: 2.7 @ 55
- Tier II: Post 7/6/2012: 2.0 @ 55
- Tier III: Post 1/1/2013: 2.0 @ 62

Selection Procedure

The County's Human Resources system operates by a set of rules and procedures which ensure that employees are hired and promoted on the basis of merit and fitness for the job. Jobs are filled through competitive examinations.

A complete online application is required for this position. All application materials will be reviewed by a panel of subject matter experts. **Those candidates considered to be the most qualified, based on the application materials submitted, will be invited to a written and/or oral examination, or an evaluation of education and experience.**

Policy of Nondiscrimination

The County of Humboldt does not discriminate on the basis of mental or physical disability in the admission or access to, treatment or employment in, its programs or activities. Human Resources is wheelchair-accessible by entering the Courthouse from the ramp located on the east side of the building next to the marked handicapped parking. Special testing arrangements may be made to accommodate disabilities or religious convictions. Contact Human Resources at (707) 476-2349 well in advance of the examination for assistance.

The County is an equal opportunity employer. We enthusiastically accept our responsibility to make employment decisions without regard to race, religion or religious creed, color, age, sex, sexual orientation, national origin, ancestry, marital status, medical condition, mental or physical disability, military service, or any other classification protected by federal, state, or local laws or ordinances. Reasonable accommodation may be made in the testing procedure as well as the work site. If you need accommodation for an exam due to a disability, please contact the Human Resources office as soon as possible.

How to Apply

A complete, original application must be filed for each position you are interested in applying for. Applications may only be submitted online through the County's automated application system at <http://www.humboldt.gov/hr> no later than the final filing date listed on the job flyer. All applications are screened by subject matter experts. The most qualified candidates may then be invited for further testing.

It is important that your application show all the relevant experience and education you possess.

Please read the job requirements section of the announcement. Be sure you meet these requirements since they will be carefully evaluated during the selection process. Your performance in this examination will be compared with the performance of others who take the test. All candidates who pass will be ranked according to their scores. The examination results will be emailed to you as quickly as possible. Scores will be provided in writing only.

MEDICAL EXAMINATION: A pre-employment medical examination provided by the County may be required upon offer of employment.

OTHER EXAMINATIONS: Some positions also require psychological evaluation and/or extensive background investigation.

LICENSES: Some classifications require possession of valid professional and/or technical licenses. Some classifications may require the possession of a valid California driver's license.

PROBATIONARY PERIOD: Persons appointed to regular County positions serve a probationary period. This is normally six months, but may be up to one year. All designated safety employees serve a one year probationary period.

EMPLOYMENT ELIGIBILITY: It is the County's intention to hire only those workers who are authorized to work in the United States, pursuant to the Immigration Act of 1990. If you are offered employment you will be required to verify your eligibility to work in the United States. For law enforcement positions you will be required to verify your U.S. citizenship or legalized status.

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All County of Humboldt employees are designated Disaster Service Workers through state and local law (California Government Code Section 3100-3109). Employment with the County requires the affirmation of a loyalty oath to this effect. Employees are required to complete all Disaster Service Worker-related training as assigned, and to return to work as ordered in the event of an emergency.

THE PROVISIONS OF THIS BULLETIN DO NOT CONSTITUTE AN EXPRESS OR IMPLIED CONTRACT. THE COUNTY OF HUMBOLDT RESERVES THE RIGHT TO MAKE NECESSARY MODIFICATIONS TO THE EXAMINATION PLAN IN ACCORDANCE WITH THE HUMBOLDT COUNTY MERIT SYSTEM RULES.

EEOC:

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APPLICATIONS MAY BE FILED ONLINE AT:

<http://www.humboldtqov.org/hr>

Position #17-106
PUBLIC HEALTH MICROBIOLOGIST I
BP

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