



VACANCY ANNOUNCEMENT

The Department of Health has a career opportunity for qualified candidates for the following position:

Title Microbiologist-4 [Classified Competitive]		Salary P22 \$53,910.34 - \$76,393.06	
Posting Number 07-18	Position Number 095893	Number of Positions 1	Posting Period * From: 1/10/18 To: 1/31/18
Location: New Jersey Department of Health, Public Health and Environmental Laboratories, Public Health Laboratory Services		Scope of Eligibility/Open to: Applicants who Meet the Requirements	

GENERAL DESCRIPTION

The Microbiologist 4 position will participate in both outreach and laboratory work in support of the CDC Epidemiology Laboratory Capacity (ELC) grant-funded Project K1A, Healthcare Associated Infections (HAI) and Antimicrobial Resistance (AR) activities. Perform Real-time PCR for identification and characterization of genes involved in antimicrobial resistance.

Serve as the PHEL Subject Matter Expert (SME) on Antimicrobial Resistance (AR).

Isolate, identify, confirm, and characterize bioterrorism (BT) agents and/or other disease outbreak pathogens (e.g., Ebola, Smallpox, Zika) in clinical specimens, and environmental & food samples. These laboratory (LRN, FERN) procedures must be conducted in strict adherence to the select agent regulation 42 CFR Part 73 and the CLIA regulation. Investigate, analyze, develop, validate, and implement molecular detection tests for the identification of disease outbreak pathogens that pose a public health threat and/or emergency.

Ensure operational status of advanced, automated instrumentation, such as the Bruker BioTyper MALDI-TOF, Illumina Next Generation (DNA) Sequencer and nucleic acids isolation workstations. Also, be responsible for maintaining an adequate inventory of consumable materials and reagents.

Maintain Chain of Custody (COC) mandates concerning accession, analyses, and reporting results on samples tested.

Participate in the housekeeping, rotating schedules for the BSL-3 laboratory.

Provide contingency and surge capacity for the Public Health Laboratory.

REQUIREMENTS (EDUCATION / EXPERIENCE / LICENSES)

EDUCATION: Graduation from an approved college or university with a Bachelor's degree in a biological science including or supplemented by 12 semester hour credits in specific microbiological courses in the study of microorganisms, which includes bacteriology, virology, medical parasitology, and mycology.

EXPERIENCE: Two (2) years of experience in a public health or clinical laboratory conducting diagnostic microbiological tests and examinations.

NOTE: A Master's degree in microbiology may be substituted for one (1) year of the required experience, **NOTE:** A Doctorate in microbiology may be substituted for two (2) years of required experience.

LICENSE: Appointee will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

IMPORTANT FILING INSTRUCTIONS

If interested in this position, you can reply in one of two ways:

- Forward the required documents electronically to:
PSTLABS@doh.nj.gov
- Mail the required documents to:
**Rosalind Finney, Executive Assistant 2
Public Health and Environmental Laboratories
Reference Posting #07-18
New Jersey Department of Health
PO Box 360
Trenton, NJ 08625-0360**

Required documents:

- cover letter
- resume
- State of NJ Employment Application
nj.gov/health/forms/dpf-663.dot.

* Responses received after the closing date MAY be considered if the position is not filled.

- Newly hired employees must agree to a thorough background check that will include fingerprinting.
- If you are a candidate for a position in our Public Health and Environmental Laboratories, you may be subject to pre- and/or post-employment alcohol and drug testing.
- In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire.
- In accordance with N.J.S.A. 52:14-7, the "New Jersey First Act", all employees must reside in the State of New Jersey, unless exempted under the law. If you do not live in New Jersey, you have one year after you begin employment to relocate your residence to New Jersey.