

ASSISTANT BACTERIOLOGIST

GENERAL STATEMENT OF DUTIES: Performs advanced technical laboratory work in one or more specialized fields of the biological sciences; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is advanced laboratory work involving the performance of special as well as standardized tests. The work is usually performed under the general supervision of a Bacteriologist with some leeway for the exercise of independent judgement. Supervision may be exercised over the work of laboratory technicians and other laboratory employees.

EXAMPLES OF WORK: (Illustrative only)

- Inoculates specimens into various media to make initial analysis and isolation of pathogenic bacteria;
- Prepares and stains slide preparations of clinical material according to type of organism being sought;
- Examines stain slide preparations and records findings;
- Assists bacteriologist in the transfer of organisms to appropriate media for identification;
- Determines the identity of easily recognized organisms;
- Transfers pure cultures, performs antibiotic sensitivity tests, and records results;
- Performs clinical tests for blood, sugar, and nonprotein nitrogen;
- Prepares working solutions of stains;
- Occasionally performs tests in the field of sanitary bacteriology.

REQUIRED KNOWLEDGES, SKILLS, AND ABILITIES: Thorough knowledge of modern medical laboratory practices, techniques, terminology, equipment, and safety precautions; thorough knowledge of the fundamental principles of bacteriology; a high degree of technical skill in the conduct of scientific laboratory tests; capacity for assisting in professional scientific research; ability to understand and follow complex oral and written instructions; ability to supervise and train others in laboratory techniques; ability to make accurate observations; ability to prepare clear and accurate reports of experiments and tests; thoroughness; dependability; initiative and resourcefulness; good physical condition.

ACCEPTABLE EXPERIENCE AND TRAINING:

- A.) Four years of satisfactory experience in a public health laboratory and graduation from a standard high school including courses in chemistry and one other science;

OR

B.) Graduation from a college or university recognized by the University of the State of New York with major work in bacteriology or microbiology;

OR

C.) Any equivalent combination of experience and training sufficient to indicate ability to do the work.

CATTARAUGUS COUNTY CIVIL SERVICE COMMISSION

Adopted: 8/13/62

asstbac