

CLASS TITLE: PUBLIC HEALTH MICROBIOLOGIST

Class Code: 02727200
Pay Grade: 23A
EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform standardized serological and microbiological examinations and tests for the identification, enumeration and description of bacteria or pathological conditions; to assist in the performance of complex serological and microbiological examinations and tests; and to do related work as required.

SUPERVISION RECEIVED: Work is subject to review in process and upon completion by a superior for conformance to prescribed instructions and standard laboratory methods.

SUPERVISION EXERCISED: As required, supervises the work of technicians and others assigned to assist in laboratory work.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To perform standardized serological and microbiological examinations and tests for the identification, enumeration and description of bacteria or pathological conditions.

To assist in the performance of complex serological and microbiological examinations and tests for the identification, enumeration and description of bacteria or pathological conditions.

To perform microscopic and biochemical tests and examinations to determine microorganisms present.

To perform research studies on various projects.

To prepare and test standardized stains, culture media and reagents.

To assist in testing new and improved laboratory methods and procedures.

To assist in evaluating biologic reagents.

To prepare laboratory notes, charts and graphs.

To prepare reports on results of examinations.

To keep accurate daily records.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A working knowledge of the principles and practices of biology and microbiology; a working knowledge of laboratory methods and procedures; the ability to perform standardized serological and microbiological examinations; the ability to supervise sub-professional laboratory assistants; the ability to analyze data and present conclusions in acceptable reports; the ability to understand and follow oral and written instructions; the ability to maintain effective working relationships; the ability to observe safety precautions and practices; and related capacities and abilities.

EDUCATION: Graduation from a college of recognized standing with specialization in one of the biological sciences.

Class Revised: July 2, 1978

Editorial Review: 3/15/03