

**TITLE OF GROUP OF CLASSES: PRINCIPAL CLINICAL LABORATORY SCIENTIST**

**TITLE OF CLASSES IN GROUP:**

**CLASS CODE:**

<b>GENERAL</b>	<b>02721701</b>
<b>PUBLIC HEALTH MICROBIOLOGY</b>	<b>02721702</b>
<b>PUBLIC HEALTH CHEMISTRY</b>	<b>02721703</b>

**Pay Grade: 32A**

**EO: B**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To be responsible for the technical operation of a clinical laboratory or a program within a laboratory indicated by the title within the group; to perform the most complex tests; and to do related work as required.

**SUPERVISION RECEIVED:** Works under the general direction of a superior with considerable latitude for the exercise of independent judgement and initiative; work is subject to review and consultation upon completion for conformance to accepted practices and policies.

**SUPERVISION EXERCISED:** As required, may oversee, assign, instruct, train, and review the work of other laboratory staff members.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To be responsible for the technical operation of a clinical laboratory, or a program within a laboratory, within the field of specialization indicated by the title within the group such as:

**General** – the hematology chemistry, serology, transfusion and microbiology laboratories or as required any combination thereof; or,

**Public Health Microbiology** – the virology, microbiology or serology laboratory or, as required, any combination thereof; or,

**Public Health Chemistry** – the biomonitoring laboratory.

**As it applies to all classes:**

To perform all levels of testing in an area including those of the most complex nature.

To analyze and interpret findings and to present conclusions and recommendations through the submission of analytical reports to superiors, the medical profession, other public health and regulatory agencies, the public, private clinical laboratories and clinics.

To prepare and present scientific papers and lectures.

To review, analyze, and evaluate scientific reports prepared by others and make recommendations regarding their release and implementation.

To represent the unit at meetings, conferences, and to the public.

To lead and instruct laboratory personnel in the application of proper and effective laboratory methods and techniques.

To oversee the effective utilization, maintenance, and adjustment of instruments and equipment. To develop and implement an in-service and continuing education training program.

To coordinate and integrate the efforts of the laboratory unit with other units and personnel in the institution or department.

To evaluate the activities of the assigned laboratory and the performance of laboratory staff and to submit evaluations to the superior with recommendations for any required courses of action to improve output and efficiency.

To organize and participate in quality assessment and improvement programs. To direct and conduct quality control programs.

To seek solutions to testing difficulties or problems that arise in the laboratory or field by conducting experimental work and library research or through discussions with authorities in the field.

To oversee and participate in various experimental laboratory work to devise more effective testing methods and techniques in order to improve and/or broaden, where possible, existing laboratory procedures.

To enforce all applicable governmental laws and regulations that apply to assigned laboratory operations and personnel.

To assist in establishing and to enforce all applicable institutional policies and procedures to assure that legal requirements relating to the provision of laboratory services are met.

To assist in establishing procedures and to monitor and enforce compliance with regulations, policies, and procedures relating to laboratory safety.

To participate in hiring, orientation and evaluation of employees.

To formulate area goals to coincide with the overall goals of the laboratory.

To organize and maintain literature resources in the area or areas of unit specialty.

To perform technical and administrative reviews of analytical reports.

To outline and supervise students' course of study and practice within the unit in consultation with the education coordinator.

To do related work as required.

## **REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGE, SKILLS AND CAPACITIES:** A thorough knowledge of standard laboratory instruments and equipment and the techniques and procedures concerning their use; a thorough knowledge of the basic and advanced theories, principles, and practices of clinical laboratory science; a working knowledge of the literature and current developments in the field of clinical laboratory science; the ability to exercise judgment in preparing specimens for testing, determining appropriate test procedures and interpreting test results; the ability to perform clinical laboratory science tests with a high degree of accuracy and precision; the ability to plan, organize, and supervise the staff and operations of a laboratory unit; the ability to establish and maintain effective working relationships with superiors, the medical staff and subordinates; the ability to prepare accurate and concise reports; and related capacities and abilities.

## **EDUCATION AND EXPERIENCE:**

**Education:** Such as may have been gained through graduation from a college of recognized standing with a Bachelor's Degree in Clinical Laboratory Science or related science; and

**Experience:** Such as may have been gained through: considerable employment as a Clinical Scientist performing complex tests.

**SPECIAL REQUIREMENT:** Must meet and continually maintain the standards for qualification of personnel who perform clinical laboratory tests as required by RIGL 23-16.2-6.

Class Created: November 27, 1994

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Class Revised: March 20, 2016

Class Revised: September 16, 2018