

TITLE OF GROUP OF CLASSES: SENIOR CLINICAL LABORATORY SCIENTIST

TITLE OF CLASSES IN GROUP

Class Code:

GENERAL 02721601
PUBLIC HEALTH MICROBIOLOGY 02721602
PUBLIC HEALTH CHEMISTRY 02721603

Pay Grade: 30A

EO: C

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform a variety of moderate and complex standardized tests and quality control in a clinical laboratory within the field of specialization indicated by the title within the group and to do related work as required.

SUPERVISION RECEIVED: Works under the direction of a superior who occasionally assists on difficult problems; work is reviewed only occasionally upon completion.

SUPERVISION EXERCISED: As required, supervises and reviews the work of professional and sub-professional laboratory staff members.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To perform a variety of moderate and complex standardized tests and quality control in a clinical 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 diagnostic microbiology or serology laboratory or, as required, any combination thereof; or

Public Health Chemistry – the biochemistry laboratory.

To analyze and interpret findings in accordance with established procedures and to present conclusions and recommendations through the submission of analytical reports to superiors.

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

To perform moderate and complex biochemical and hematological tests and analyses on blood, urine and other body fluids.

To perform moderate and complex hematological tests and analyses.

To assist in seeking 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 prepare required reagents, media, etc. for tests.

To maintain and repair various laboratory instruments.

To make recommendations for improvements of the laboratory toward a more efficient operation.

To evaluate and implement new or modified laboratory procedures.

To participate in the instruction and evaluation of employees.

To utilize and maintain a data management system utilizing the latest computer technology.

To utilize and monitor compliance of safety procedures according to established standards.

To comply with institutional and governmental regulations that apply to clinical laboratories.

To participate in maintaining a quality assessment and improvement program.

To be responsible for maintaining and established quality assessment and quality control program in the work area assigned including daily monitoring of established procedures, record keeping, etc.

To provide and participate in continuing education and in service programs.

To compile data and to prepare scientific reports.

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

To organize and maintain laboratory literature resources in the area of the unit's specialty.

To participate in the instruction and evaluation of students.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of moderate and complex laboratory instruments and equipment and the techniques and procedures concerning their use; a thorough knowledge of the basic theories, principles and practices of clinical laboratory science in the field of specialization; a thorough knowledge of the literature and current developments in the field of clinical laboratory science; the ability to exercise judgement 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 supervise the work of subordinates assigned to assist; the ability to establish and maintain effective working relationships with co-workers; the ability to prepare clear 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, Biological, Chemical or Physical Science; and

Experience: Such as may have been gained through: employment in a laboratory as clinical laboratory scientist.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Special Requirements: Must meet the requirements for licensure as a Clinical Laboratory Scientist as required by Rhode Island law and regulations.

Class Created: November 27, 1994

Editorial Review: 3/15/03