

BIOCHEMIST

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision of medical or senior technical staff, incumbents are responsible for the operation and administration of a biochemistry laboratory program, performing professional testing and evaluation utilizing highly sophisticated equipment. Supervision is exercised over a small number of technical personnel. Instruction is given to both staff and patients on the utilization of biochemical testing. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs chemical analysis on specimens;

Interprets results of tests, and writes reports as necessary;

Performs experimental and research work as required;

Tries out all new equipment;

Evaluates performance of equipment normally used in a biochemistry laboratory;

Maintains inventory of all equipment and supplies, and insures that adequate supplies are available;

Orders supplies and replacement parts as needed;

Keeps abreast of the pertinent developments in the field;

Works independently in the innovation of new techniques;

Advises as to the development of new techniques or improvements of published or existing methods;

Assigns and supervises the work of other technicians;

Instructs technicians, physician in training, and any other personnel in laboratory procedures;

Insures that laboratory standards are maintained.

REQUIRED KNOWLEDGES, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of biochemistry and laboratory procedures, including setting up procedures and quality control also chemical analysis; good knowledge of laboratory equipment and its use; good knowledge of laboratory standards and ability to maintain them; good knowledge of inventory procedures; ability to interpret and report test results; ability to work independently in the innovation of new techniques; ability to perform experimental and research work as required; ability to assign, supervise and instruct laboratory personnel; good disposition; thoroughness; accuracy; good judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either (a) Possession of a Bachelor's Degree* in the field of biology, chemistry or a related science and two years of technical experience in a medical, hospital or public health laboratory; or (b) completion of two years (60 credits) of college* in biology, chemistry or a related science and four years of technical experience as stated in (a), two of which must have been at the supervisory level; or (c) six years of technical experience in a medical, hospital or public health laboratory, two of which must have been at the supervisory level.

SUBSTITUTION: Certification by the Board of Registry of the American Society of Clinical Pathologists may be substituted for one year of supervisory and one year of technical experience.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.