

HISTOLOGY LABORATORY SUPERVISOR

NATURE OF WORK

This is responsible technical, supervisory and instructional work in assisting in directing the activities of a histology laboratory for teaching and research purposes.

Work involves assisting in planning, organizing, supervising and directing the activities of a histology laboratory, and includes instructing medical students, research assistants and faculty members in histological tissue specimen processing and allied procedures. Work also includes responsibility for ensuring that histology equipment is maintained in working condition. Work is performed under the general direction of the Professor of Anatomy, and is reviewed through conferences and assessment of results obtained.

ILLUSTRATIVE EXAMPLES OF WORK

Assists in planning, organizing, supervising, and directing the operation of a laboratory specializing in histological techniques, supervising and participating in the performance of all standardized tests and procedures; installing quality standards, quality control, to ensure accuracy and efficiency of techniques employed.

Assists in instructing medical students in histological tissue specimen processing and procedures (i.e. fixation, processing, embedding, cutting, and staining); prepares histological specimens for student laboratory usage.

Performs repair and maintenance work on histological equipment, such a microtones, cryostats, kryomat apparatus, automated processing equipment, PH meters and microscopes.

Instructs third year medical laboratory students from the College of Trades and Technology on one week on work orientation in the natural setting of the laboratory.

Participates in the interview and appointment of histological and anatomical personnel; provides instruction to subordinates; performs other personnel management functions.

Prepares and maintains inventory, cost and production records related to histology laboratory utilization; advises on the purchase of laboratory equipment and oversees installation and maintenance of same; requisitions laboratory supplies and equipment.

Reads and studies professional literature in histological field so as to keep abreast of new developments.

Confers with faculty members on matters relating to their specific histological needs in the medical and paramedical educational programmes.

Performs related work as required.

REQUIREMENTS OF WORK

Considerable experience in histological laboratory work and some teaching experience; graduation from high school supplemented by completion of an approved registered technologist course in laboratory technology, and preferably completion of post-basic formalized advanced training; or any equivalent combination of experience and training.

Considerable knowledge of the principles, methods, materials and practices of medical laboratory technology, within the area of assignment.

Considerable knowledge of the administrative and supervisory principles involved in the operation and maintenance of laboratories.

Considerable knowledge of recent developments, current literature and sources of information in histology laboratory technology.

Knowledge of the effective methods of supervision and instruction as applied to the work of trained technicians and students in a medical histological laboratory.

Ability to evaluate and analyze histological laboratory techniques and procedures, and to devise new techniques and procedures as relevant.

Ability to plan, organize and supervise the work of subordinates.

Ability to establish and maintain effective working relationships with students, faculty, subordinates and administrative personnel.

Eyesight sufficiently strong to permit extended microscopic work and, in particular, the possession of normal color perception.

Possession of certificate of registration in the Canadian Society of Laboratory Technologist.

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