

PATHOLOGY AND LABORATORY MEDICINE

~ANTOMICAL PATHOLOGY~

(LHSC, University Campus)

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****ELECTIVES IN PATHOLOGY ARE NOT PART OF THE LOTTERY. THE STUDENT MUST CONTACT CHERYL CAMPBELL**

DESCRIPTION:

A) **General Description**

The Department of Pathology and Laboratory Medicine offers an option in Clinical Anatomical Pathology to 4th year medical students during all blocks (September-December) (*subject to space constraints*) at LHSC - University Campus. The student may initially observe and later participate in the routine activities of the Clinical Department of Pathology, including participation in autopsies and examination of gross and microscopic specimens.

The student will be assigned to a staff pathologist for direction and supervision, as well as paired up with a resident buddy. The supervisor will negotiate with the student the terminal objectives of the rotation and the student's learning goals.

An elective in Clinical Pathology is usually favorably seen by Program Directors of various medical and surgical disciplines.

Students will be asked to contact their supervisor 2 weeks prior to their elective to make them aware of any particular areas of interest they have.

B)

Learning Objectives

1. Learn to use light microscope.
2. Start to acquire familiarity with normal histology and basic histopathological features.
3. Observe and assist pathologist and/or resident with surgical dissection.
4. Begin to learn methods of tissue sampling for histology.
5. Examine slides for selected routine cases and review cases with residents and/or pathologist.
6. Observe the technique and approach to frozen section diagnosis.
7. Attend autopsies; observe and assist pathologist and/or resident with dissection.
8. Be able to recognize abnormal gross autopsy findings and to correlate with pathophysiology and cause of death.
9. Learn how to submit specimens properly to pathology.
10. Learn what constitutes valid consent for autopsy.
11. Be able to review a patient chart and present a coherent summary prior to starting an autopsy.
12. Understand scenarios where the coroner may need to be contacted.
13. Demonstrate skill in communication of information with clear, concise explanations that are understandable to patients and pathologists
14. Identify the rights and legal responsibilities of physicians to patients and the community.
15. Describe the determinants of health and apply them appropriately to enhance individual and community well-being.
16. Understand the specialist's role in representing the patient's best interests with respect to disease prevention and advocating for socio-economic factors to improve health.
17. Understand the specialist's role in community intervention with regard to disease prevention.
18. Demonstrate skill in self-directed learning by:
 - i) Ability to identify areas of deficiency in one's own knowledge and skills.
 - ii) Ability to find appropriate educational resources.
 - iii) Ability to evaluate personal learning progress.
 - iv) Ability to use new knowledge in the care of patients.
19. Determine the validity and applicability of published data through critical appraisal.
20. Begin reading a standard basic pathology textbook, e.g., *Robbin's Pathologic Basis of Disease*.
21. Read around autopsy and surgical cases.
22. Demonstrate the ability to work effectively as a member of a team, as participant or leader.
23. Demonstrate skill in finding common ground when differences of opinion exist.
24. Establish effective relationships with colleagues and other members of the health care team by:
 - i) Considering their suggestions and criticisms.
 - ii) Tactful handling of differences of opinion.
25. Demonstrates honesty and trustworthiness in assessment, study and learning.
26. Demonstrates responsibility and respect.
27. Be willing to seek help, advice or consultation when needed.
28. Respond to personal and family needs and develop effective support systems.
29. Understand the role of the anatomical pathologist as a member of the health care team, providing timely, high quality service to patients and clinicians.
30. Use the concepts of evidence-based medicine to guide patient care decisions.

31. Identify potential conflict between individual and population interests and seek advice from others.
32. Assess the effectiveness of practice and engage in continuous quality improvement.

C) **Requirements**

You must be N95 Mask Test Fitted prior to your elective, this is mandatory for the autopsy suite. If for some reason you have not been previously fitted, please contact Occupational Health and Safety at LHSC (x33201) or drop in for a calendar of fitting dates to: Room B3-109, 3rd Floor, LHSC-UH.

D) **Type of Clinical Experience**

In Patient ()
Out Patient ()
Both (x)

E) **Night and Weekend Call**

Not necessary but available

F) **Evaluation Procedure**

Written Exam ()
Oral Exam ()
Informal Clinical Exam ()
Formative Evaluation (x)

G) **Number of Students Accepted**

Subject to space constraints. Students will need to contact Cheryl Campbell directly to check on availability of space and to arrange elective (***not in lottery***).