

Title of Clerkship: **Pathology Clerkship Elective UTMC**

Elective Year: 3rd Year

Department: Pathology

Type of Elective: Clinical   x   Non-Clinical/Research \_\_\_\_\_ Basic Science \_\_\_\_\_

Clerkship Site: The University of Toledo Medical Center

Course Number: PATH 760

Blocks Available: All

Number of Students/ Block: 2

Faculty Robert Booth, MD, , Cara Gatto-Weis, MD, Amira Gohara, MD, William Gunning, PhD, , Brook Koltz, MD, Nicole Dominiak, MD, Mary R. Smith, MD, , Lauren Stanoszek, MD, PhD,

Elective Description/ Requirements: Students will participate in all anatomic and clinical pathology activities in the Department of Pathology including surgical pathology, cytology, hematology, chemistry, immunology, microbiology, molecular pathology, genomics & transplant immunology, and attend all departmental conferences and lectures provided during the rotation. Attend a postmortem examination and gross conferences related to cases. Attend various interdisciplinary conferences as assigned.

Length of Clerkship: 4 weeks

Links to Core Competencies: Educational Course Objectives:

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|-------|---|
| MK-1  | 1. Knowledge of the normal structure and function of all organ systems  |
| MK-2  | 2. Knowledge of the molecular, biochemical and cellular mechanisms related to normal and abnormal function  |
| MK-3  | 3. Knowledge of underlying causes of common disorders and their pathogenesis  |
| MK-4  | 4. Knowledge of altered structure and function (pathology and pathophysiology) associated with various diseases   |
| MK-5  | 5. Knowledge of clinical manifestations of common diseases  |
| MK-7  | 6. Knowledge of scientific principles required to practice evidence-based medicine  |
| MK-9  | 7. Knowledge of ethical principles that govern decision making in medicine  |
| MK-10 | 8. Knowledge of normal and abnormal human behavior  |
| MK-11 | 9. Knowledge of the manner in which people of diverse cultures and belief systems perceive health/illness and respond to symptoms, diseases and related treatments                              |
| MK-12 | 10. Knowledge of the non-biological determinants of health and the economic, psychological, social and cultural factors that contribute to health and disease                                   |
| MK-13 | 11. Knowledge of gender, cultural and other biases that impact delivery of health care  |
| MK-14 | 12. Knowledge of fundamentals of medical professionalism  |
| MK-15 | 13. Knowledge of fundamental principles of preventive medicine and population/public health   |
| MK-16 | 14. Knowledge of fundamental principles of patient centered and team based care, patient safety as well as quality improvement in health care delivery  |
| PC-1  | 15. The ability to obtain an accurate, relevant focused history that covers all essential aspects of the history  |
| PC-3  | 16. The ability to conduct accurate, relevant focused history and physical in appropriate clinical situations   |
| PC-7  | 17. The ability to use knowledge of the most frequent clinical, laboratory, radiographic and pathological manifestations to interpret the results of commonly used diagnostic procedures        |
| PC-8  | 18. The ability to construct appropriate common diagnostic and therapeutic strategies for patients with common conditions, both acute and chronic   |
| PC-10 | 19. The ability to retrieve (from electronic databases and other resources), manage, and utilize biomedical information to deliver safe and effective clinical care                             |
| PC-11 | 20. The ability to deliver care in interprofessional teams  |
| PB-1  | 21. Ethical, responsible, reliable and dependable behavior in all aspects of their professional lives and a commitment to patients, society and the profession                                  |
| PB-2  | 22. Honesty and integrity in all interactions with patients, families, staff, colleagues and others with whom students interact in their professional life                                      |
| PB-3  | 23. Professionalism in dress, grooming, manner of speech and personal interactions with patients, families, staff, colleagues and others with whom students interact in their professional life |
| PB-4  | 24. Respect for the privacy and dignity of patients and their families  |
| PB-5  | 25. Compassionate treatment of patients   |
| PB-6  | 26. Knowledge of, and respect for other health care professionals, and of the need to collaborate with others in caring for patients as well as promoting population health                     |
| PB-7  | 27. Knowledge of key principles required for delivery of culturally competent care  |
| PB-8  | 28. Professional maturity by appropriately managing conflicts, coping with personal and professional stress and showing flexibility in potentially ambiguous situations                         |

IPC-1	29. The ability to communicate effectively in a timely manner, both verbally and in writing, with patients, patients' families, colleagues, and others
IPC-2	30. The ability to communicate effectively with colleagues within one's discipline as well as other health professionals in a respectful, professional and timely manner with patients, families and community at large
IPC-3	31. The ability to communicate in a culturally competent manner with patients, families and community at large
IPC-4	32. The ability to apply principles of cultural competencies to all aspects of health care delivery
PBL-3	33. The ability to incorporate all forms of feedback in identifying gaps in knowledge, skills and professionalism and implement remediation plans
PBL-4	34. The ability to utilize information technology in improving medical knowledge and delivering care to patients and populations
PBL-7	35. The ability to apply fundamentals of basic sciences to clinical problems
SBP-4	36. The ability to identify and report systems error as well as identify solutions
SBP-5	37. The ability to participate effectively in and deliver care in an interprofessional team

Professionalism: UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the current Educational Course Objectives for the Sponsoring Department.

Instructional Methods:

- Small-group, Clinical skills and Didactic Sessions
- Problem-solving exercise
- Lecture
- Independent study
- Observation of and participation in surgical pathology and post-mortem examination
- Observation of and participation in fine needle aspiration and cytopathology
- Observation of technologies used in lab medicine to include but not limited to microbiology, transfusion medicine, immunology, clinical chemistry, hematology and molecular
- Case discussions and clinical pathological correlation with individual faculty
- Didactic sessions to include but not limited to neuropathology, hematopathology, molecular pathology and cytopathology
- Review of slides and discussion with faculty (scope time)

Evaluation Methods:

1. Attendance
2. Evaluation of participation in small-group discussion
3. Faculty/resident observation and assessment of clinical skills
4. Professionalism assessment

Prerequisites: Successful completion of blocks 1-7

Clerkship Director: Amira Gohara, MD

Clerkship Coordinator:

Phone Number:

Email:

Cindy Reinsel  
419-383-3477  
Cynthia.reinsel@utoledo.edu

Special Requirements: None

**AAMC Hot Topics** Clinical pathology  
**Addressed in this Elective** Clinical problem solving/decision making  
**Clerkship:** Communication skills  
*(please make selection from attached Hot Topic list)* Medical Jurisprudence