Title of Clerkship: **Pathology Clerkship UTMC**

Elective Year: 4th Year

Department: Pathology

Type of Elective: Clinical [x] Non-Clinical/Research [_____] Basic Science [______]

Clerkship Site: The University of Toledo Medical Center

Course Number: PATH 730

Blocks Available: All

Number of Students/Block: 15

Faculty: Vasuki Anandan, Robert Booth, MD, Luis De Las Casas, MD, Cara Gatto-Weis, MD, Amira Gohara, MD, William Gunning, PhD, Kenneth Hensley, PhD, Robert Mrak, MD, PhD, Kenneth Muldrew, MD, Mary R. Smith, MD, Jill Zyrek, MD

Elective Description/Requirements: Students will participate in all anatomic and clinical 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: 2 weeks

Links to EPOs: Educational Course Objectives:

| K1-K4 | 1. Recognize the basic principles of cytology and surgical pathology. |
| K4, S7, P4 | 2. Describe and recognize benign versus malignant tumors. |
| K4, S7, P4 | 3. Review and analyze dermatopathology cases. |
| K4, S7, P4 | 4. Interpret lab tests in hematology, microbiology, chemistry, immunology, blood bank, flow cytometry and histocompatibility & transplant immunology. |
| K4, S7, P4 | 5. Discuss clinical cases and provide clinical pathologic correlations on various disease processes. |
| K4, S7, P4 | 6. Dissect and examine post mortem cases. |
| K1-K4 | 7. Discuss and correlate observed findings with patients history |
| S11 | 8. Determine mode of death in forensic cases |

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: Jennifer Reynolds
Phone Number: 419-383-3477
Email: Jennifer.Reynolds4@utoledo.edu

Special Requirements: None

**AAMC Hot Topics Addressed in this Elective Clerkship:** Clinical pathology
Clinical problem solving/decision making
Communication skills
Medical Jurisprudence

(please make selection from attached Hot Topic list)