

Title of Clerkship: Clinical Training for MD/PhD Students – Neurology
Elective Type: Clinical Elective Rotation (4th year elective) during Graduate Research Years
Department: Neurology, others as arranged
Clerkship Site: The University of Toledo Medical Center

Course Number: NEUR745

Blocks available: N/A

Number of students per block: N/A

Faculty: Neurology, other faculty as needed

Elective Description/ Requirements: In the summer after the second year of medical school, MD/PhD students will identify a clinical mentor. This faculty member will be responsible for the clinical training program of the student, and will provide formative and summative feedback concerning the development of clinical skills and a foundation for subsequent clinical clerkship training. The mentor may change during the course of the student's graduate school years, but any change should occur after the end of a semester. Although students may choose a clinical mentor from any department, the following specialties are particularly suited to training MD/PhD students with limited prior clinical training and restricted hours of availability:

Neurology: Students may schedule sessions in the clinic or on the inpatient/consult service. Contact: Dr. Imran Ali, Clerkship Director.

Student time commitment: Students are expected to spend 8 hours per month in clinical training. This can be divided into weekly 2 hour session, biweekly 4 hour sessions or an 8 hour day per month. Students are encouraged to discuss the most appropriate schedule with their laboratory mentor to ensure that the clinical experience does not interfere with graduate coursework or research progress. The program should be formalized in writing, and submitted to the MD/PhD Director for approval. Students should see about one patient per hour of training. Students should keep a log of their patients, their diagnoses, and any procedures performed. An electronic logging system for patient experiences will be developed.

Credit:

Upon completion of 3 years of graduate training, assuming 40 weeks per year of participation, students will have accumulated about 300 hours of clinical experience. This is approximately equivalent to 2 months of clinical electives (8 h/d X 5 d/w X 4 weeks = 160 h/mo), and students will be awarded 2 months of 4th year elective credit for this training upon re-enrolling in the College of Medicine. This credit should allow further flexibility in 4th elective scheduling, enabling additional research months, off site rotations, etc. If students require more than 3 years of graduate work, continued participation in the clinical training program is strongly encouraged, but no more than 2 months of elective time will be awarded.

Length of Clerkship: See above in description

Links to EPOs Educational Course Objectives:

- S3, S4
S1, S5
S7, S8
K5, K6, K7
1. Develop history taking and physical examination skills.
 2. Describe how to present a cogent history and physical to an attending.
 3. Present the differential diagnosis, diagnostic work-up and management for common medical problems.
 4. Relate patient presentations and treatments to basic pathophysiology and pharmacology.

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: Student interviews and examines patients, followed by presentation to faculty and clinical teaching on each case. Additional reading or write-ups at the discretion of the clinical mentor.

Evaluation methods employed:

Students will undergo formative evaluation on a monthly basis, documented by a brief form signed by both the mentor and student. This feedback will not be used for grading purposes. Summative evaluation will occur twice yearly by the clinical mentor, filling out an evaluation form to be mailed to the Graduate School Office and the Office of Undergraduate Clinical Education. This form will assess Cognitive/Performance Skills (ability to perform H&P and present to the attending) and Professionalism (promptness and consistency of attendance, appropriate attire, etc.). Students repeatedly lacking in these areas will not receive elective credit for their rotation. The student will receive a copy of this evaluation and is urged to discuss any issues with the clinical mentor. Copies of the records of student participation and performance evaluations will be kept by the Graduate School office and by the Office of Undergraduate Clinical Education.

Clinical Competency Evaluation (25)

Prerequisites: Successful completion of all preclinical coursework and passing Step I of the USMLE examination

Clerkship Director: Dr. Ali will organize the rotation for all M.D./Ph.D. students. The chosen Clinical Mentor will act as clerkship director and take responsibility for the quality of the educational experience and evaluation of student performance.

Clerkship Coordinator: Teresa Behm
Phone Number: 419-383-4558
Email: Teresa.behm@utoledo.edu

Special Requirements: On-line logging of patient experiences and hours spent, as well as faculty evaluation of students

AAMC Hot Topics
Addressed in this
Elective Clerkship: Clinical Problem Solving (4)
Communication Skills (5)
Diagnostic Imaging (8)