

<u>Title of Clerkship:</u>	Neurology Research Elective – UTMC (Formerly known as Advanced Neurosciences)										
<u>Elective Type:</u>	Fourth Year Elective										
<u>Department:</u>	Neurology										
<u>Clerkship Site:</u>	The University of Toledo Medical Center										
<u>Course Number:</u>	NEUR710										
<u>Blocks available:</u>	All										
<u>Number of students per block:</u>	1-2										
<u>Faculty:</u>	All Neurology Faculty										
<u>Elective Description/ Requirements:</u>	<p>The elective is organized as a 4 week block. Students will identify a mentor for the rotation and plan on spending majority of time working with them on a clinical or basic science research project. The purpose of this elective is to provide students additional opportunity to work with faculty and provide additional exposure to neurological disorders. Students will have opportunity to work in clinics once to twice a week with faculty; additional clinical experience can be obtained in neurophysiology (EEG, EMG) laboratory. Most of the time will be spent on developing a research project that is student initiated such as a case report with literature review or working on a pre-existing research project with a faculty/mentor of the student's choosing. Developing a manuscript for publication or presentation at a national meeting is strongly encouraged.</p> <p>This elective is geared towards students interested in a career in neurology or related disciplines but is not limited to those students. Completion of required Neurology Clerkship is encouraged but is not a prerequisite for this elective.</p>										
<u>Length of Clerkship:</u>	4 weeks										
<u>Links to EPOs</u>	<p><u>Educational Course Objectives:</u> At the end of this rotation the student will be able to</p> <table border="0"> <tr> <td>K4</td> <td>1. Identify a clinical problem related to neurological disorders.</td> </tr> <tr> <td>S11</td> <td>2. Perform a literature search on the topic of interest.</td> </tr> <tr> <td>K7, K8</td> <td>3. Analyze the data and develop a research hypothesis.</td> </tr> <tr> <td>S11</td> <td>4. Be able to apply for IRB consent and/or demonstrate awareness of the process involved in obtaining approval for research with human or other subjects</td> </tr> <tr> <td>S11</td> <td>5. Develop a report with data analysis.</td> </tr> </table>	K4	1. Identify a clinical problem related to neurological disorders.	S11	2. Perform a literature search on the topic of interest.	K7, K8	3. Analyze the data and develop a research hypothesis.	S11	4. Be able to apply for IRB consent and/or demonstrate awareness of the process involved in obtaining approval for research with human or other subjects	S11	5. Develop a report with data analysis.
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<u>Professionalism:</u>	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.										
<u>Instructional Methods:</u>	Independent study Case write up Case study Problem solving exercise										
<u>Evaluation methods employed:</u>	1. Case write up (4) 2. Clinical Competency Evaluation (5) 3. End of Electives Report (24)										
<u>Prerequisites:</u>	Successful completion of Year 1 and 2										
<u>Clerkship Director:</u>	Imran Ali MD, Clerkship Director Vicki Ramsey-Williams MD, Ph D, Associate Clerkship Director										
<u>Clerkship Coordinator:</u>	Theresa Marshall										
<u>Phone Number:</u>	419-383-3544										
<u>Email:</u>	Theresa.marshall@utoledo.edu										
<u>Special Requirements:</u>	None										
<u>AAMC Hot Topics Addressed in this Elective Clerkship:</u>	Evidence Based Medicine (11) Collection and analysis of data (35) Research methods (36)										