

<u>Title of Clerkship:</u>	Emergency Medicine Research Elective
<u>Elective Type:</u>	Fourth Year Elective
<u>Department:</u>	Emergency Medicine
<u>Clerkship Site:</u>	University of Toledo Medical Center
<u>Course Number:</u>	ERMD711
<u>Blocks available:</u>	All (Prior approval of faculty and clerkship director, Emergency Medicine)
<u>Number of students per block:</u>	2
<u>Faculty:</u>	Catherine Marco, MD; Kristopher Brickman, MD
<u>Elective Description/ Requirements:</u>	<p>Medical students also will have the opportunity to participate in clinical research in Emergency Medicine.</p> <p>Students will be required to 1) complete required readings, and 2) actively participate in an Emergency Medicine research project. Duties may include study design, IRB application, data collection, data entry, data analysis, study presentation, and/or manuscript writing.</p>
<u>Length of Clerkship:</u>	4 weeks
<u>Links to EPOs</u>	<u>Educational Course Objectives:</u>
K8	1. Describe basic types of research study designs.
K8	2. Complete a background literature search
K8	3. Complete a research protocol and IRB application.
K8, K11, K12	4. Identify barriers to control of variables in the clinical ED study population.
K8	5. Participate with data collection and data entry for a research study.
<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>	<p>Students will obtain the above objectives during their month with the expectations that they:</p> <ol style="list-style-type: none"> 1. Complete required readings. 2. Attend and participate in monthly journal club discussions 3. Meet with clerkship director weekly or more often <p>Actively participate in at least one research project. Duties may include study design, IRB application, data collection, data entry, data analysis, study presentation, and/or manuscript writing.</p>
<u>Evaluation methods employed:</u>	<p>Students will be evaluated by the clerkship director based on their completion of the above objectives. Students will be given weekly feedback in scheduled meetings with faculty</p>
<u>Prerequisites:</u>	Successful completion of third year
<u>Clerkship Director:</u>	Catherine A. Marco, MD
<u>Clerkship Coordinator:</u>	Nicholas Bell
<u>Phone Number:</u>	419-383-6375
<u>Email:</u>	nicholas.bell2@utoledo.edu
<u>Special Requirements:</u>	None.
<u>AAMC Hot Topics Addressed in this Elective Clerkship:</u>	Research methods, Biostatistics, epidemiology/population based medicine