

<b><u>Title of Clerkship:</u></b>	<b>Orthopaedic Surgery Research Elective - UTMC</b>
<b><u>Elective Type:</u></b>	<b>Fourth Year Elective</b>
<b><u>Department:</u></b>	<b>Orthopaedic Surgery</b>
<b><u>Clerkship Site:</u></b>	<b>The University of Toledo Medical Center</b>
<b><u>Course Number:</u></b>	<b>ORTH 702</b>
<b><u>Blocks available:</u></b>	All
<b><u>Number of students per block:</u></b>	Unlimited
<b><u>Faculty:</u></b>	Nabil Ebraheim, M.D., Jiayong Liu, MD
<b><u>Elective Description/ Requirements:</u></b>	A four-week research elective can be structured to involve investigation into most areas of orthopaedics, according to the interest of the particular student.
<b><u>Length of Clerkship:</u></b>	4 weeks
<b><u>Links to Core Competencies</u></b>	<b><u>Educational Course Objectives:</u></b>
PBL-5	1. Analyze information needed by identifying the current level of knowledge, the desired level of knowledge, and the type of information needed to reach the desired level of knowledge.
PBL-4	2. Compare and contrast the type of information found in each class of resources and to select sources based on the information needed.
PBL-4	3. Develop and execute search strategies in a variety of online resources that will effectively and efficiently produce precise search results.
IPC-1	4. Identify and use resources in support of presentation and publication, with the possibility of being an author.
PBL-4	5. Describe why some types of articles provide stronger evidence than others, and to use resources.
PBL-4	6. Describe issues influencing information retrieval and use, including the structure of the scientific literature, and legal and ethical issues (copyright).
PBL-4	7. Develop a personal information management plan to keep on top of the literature in a specialty using technical tools.
IPC-1	8. Demonstrate personal understanding of issues and application of skills through successful assistance in a research project.
<b><u>Professionalism:</u></b>	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.
<b><u>Instructional Methods:</u></b>	1. Clinical case presentations/discussions 2. Diagnostic tests – use/interpretation 3. Independent study 4. Interpretation of lab data 5. Lecture 6. Residency program/department conferences
<b><u>Evaluation methods employed:</u></b>	1. Attendance 2. Faculty observation of behavior 3. Faculty/Resident observation and assessment of clinical skills 4. Written paper/project, which includes some reflections on performance
<b><u>Prerequisites:</u></b>	Successful completion of required surgery clerkship.
<b><u>Clerkship Director:</u></b>	Nabil A. Ebraheim, M.D.
<b><u>Clerkship Coordinator:</u></b>	Tracy Jahns, MEd, MPH
<b><u>Phone Number:</u></b>	419-383-6236
<b><u>Email:</u></b>	Tracy.Jahns@utoledo.edu
<b><u>Special Requirements:</u></b>	None