

YEARS 1 & 2 ELECTIVE COURSE

TITLE:	Introduction to Orthopaedic Research -M2
COURSE NO.:	SOMN 604
DEPARTMENT:	Orthopaedic Surgery
DURATION:	1 Month
DIRECTOR:	Nabil A. Ebraheim MD, Professor and Chairman, nabil.ebraheim@utoledo.edu , 419-383-4020 Jiayong Liu MD, Assistant Professor jiayong.liu@utoledo.edu , 419-383-5361
COORDINATOR:	Kelly Kovacs kelly.kovacs@utoledo.edu , 419-383-6236
FACULTY PARTICIPANTS:	Department Staff
SEMESTERS AVAILABLE:	Fall, Spring, and Summer
NUMBER OF STUDENTS:	10
LOCATION:	Department of Orthopaedics

GENERAL DESCRIPTION:

This elective gives students the opportunity to get experience in the field of orthopedic research. The student will be exposed to a variety of research projects with the opportunity to publish the results of the work. Students will work independently or with a resident doctor/fellow on research projects. There is great flexibility in this program so students can meet their own goals. (This experience is invaluable for students interested in Orthopedic Surgery and students who are interested in doing clinical or experimental research.)

EDUCATIONAL OBJECTIVES:

The student will be able to:

1. Present information and ideas in an organized, clear manner to educate or inform students, other health professionals and/or colleagues.
2. Recognize and be sensitive to his/her own limitations and biases whether they are intellectual, physical or emotional, and work with or adapt to them.
3. Demonstrate personal integrity, honesty and self-discipline.
4. Behave in an ethical, responsible, reliable and dependable manner.

METHODS OF TEACHING:

SELF-EVALUATION AND SELF-DIRECTED LEARNING

Evaluate the appropriate use of the following in any research reports:

1. the subject population
2. methods employed
3. statistical procedures
4. research bias
5. conclusions

METHODS OF STUDENT EVALUATION:

The student is not expected to complete a project during one semester, but the student should be involved in the research. The requirements for successful completion are that the student be actively involved in the research project throughout a semester. The student may simply assist a resident doctor/fellow with collecting data, or the student may wish to work independently from start to finish with a research project.

ELECTIVE EVALUATION: Students will be given an evaluation at the completion of the program.

PREREQUISITES (if any): Completion of the first year of medical school.