

Title of Clerkship: Research in Biomedical Sciences (Away)

Elective Type: Fourth Year Elective

Department: Variable (Away)

Type of Elective: Non-Clinical/Research

Clerkship Site: Variable

Course Number: INDI 750

Number of students per 1 or more at discretion of faculty

block:

Faculty: Variable

Elective Description/ Students will participate in a mentored research project that includes laboratory or other practical opportunities for the direct
Requirements: application of the scientific method, accurate observation of biomedical phenomena, and critical analysis of data. Students will be expected to either collect or use data to test and/or verify hypotheses or to address questions about biomedical principles and/or phenomena.

Length of Clerkship: 2, 4, 6, or 8 weeks

Links to EPOs **Educational Course Objectives:**

At the end of this rotation the student will be able to:

- K7 Apply basic science knowledge to clinical problems
- S11 Perform a literature search on the topic of interest
- K8 Develop a research hypothesis and study design; analyze data, including statistical methods
- S1 Effectively communicate, both orally and in writing, the results of the study
- P1, P2 Demonstrate honesty, integrity, and professionalism in the performance, interpretation, and presentation of research

Professionalism: UTCOM 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: Independent study
Problem solving exercises
Lectures/PowerPoint presentations

Evaluation methods employed: Students must submit an abstract, a manuscript, or a 3-5 page narrative summary of their work

Prerequisites: Successful completion of Year 1 and 2

Clerkship Director: Variable

Clerkship Coordinator: Variable

Phone Number:

Email:

Special Requirements: Students must work with a research mentor to develop a brief description of the proposed project and activities during the clerkship. The elective description using this standard format must receive initial approval by the department clerkship director for clinical research or the department chair for basic science research. Final approval must be given by the Associate Dean for Medical Education.. This elective will be available to students planning a research rotation outside of UT COM and it's affiliated programs.

AAMC Hot Topics Evidence Based Medicine (11)
Addressed in this Collection and analysis of data (35)
Elective Clerkship: Research methods (36)