

Phase 1 Elective Description

Campus: UND SMHS

Department: Biomedical Science

Elective/Experience Title: Research Experience for Medical Students (REMS) I

Location of Elective: UND SMHS

Course Number: BIMD 9601-01

Preceptor(s): John Shabb, PhD

Course Prerequisites: None

Period(s) Offered: Phase 1 2-week elective period

Revised Curriculum Phase(s): 1

Number of students per period: Unlimited

Elective Length in weeks: Two

Future Elective Requirements: Satisfactory completion of REMS I is a prerequisite for being eligible to register for REMS II/III during the summer elective period. However, if you complete REMS I you are not required to register for REMS II/III.

Estimated # of Hours Required:

Face-to-Face/Zoom 20 Independent/Asynchronous 20

Will any Face-to-Face/Zoom hours occur on Weekends?

Yes ___ No *

Will any Face-to-Face/Zoom hours occur on after 5pm?

Yes ___ No *

Purpose: The goal of the Phase I REMS introduction elective is to provide hands on experience and training in preparation for future laboratory and/or clinical research training which may include basic, behavioral, social, or translational (clinical) research. The REMS program also provides an excellent training opportunity for those medical students who may be considering completion of an MD-PhD.

Objectives: Following successful completion of this elective, the student will be able to:

1. Meet the objectives of the IACUC training on care and use of laboratory animals (Competency 1.3).
2. Meet the objectives of the IRB training on research involving human subjects (Competency 1.3).
3. Meet the objectives of the biological safety training modules (Competency 1.3).
4. Meet the objectives of the scientific ethics training course (Competency 1.3).

Instructional Activities: During this elective, the student will be involved in/experience:

1. View recorded interviews by basic scientists and clinicians interested in hosting a medical student during the Phase I research experience in the summer elective period (REMS II/III).
2. Attended seminars presented by faculty, staff, and students on a variety of content related to research and dissemination of work.
3. Complete the following trainings: 1) care and use of laboratory animals; 2) IRB Human Subjects; 3) biological safety; 4) scientific ethics; and 5) preparation of Specific Aims.
4. Identify potential mentors for REMS II/III and learn the process for completion of the REMS II/III Application.

Criteria for Grading: During and following this elective, the preceptor will:

1. Utilize the standardized UND SMHS Phase I Elective Evaluation form.
2. Verify satisfactory completion of all required trainings via certificates and/or completion of training quizzes. (satisfactory/unsatisfactory) (objectives 1-4)

Grading for this elective is Satisfactory/Unsatisfactory. Students who receive an unsatisfactory grade for the elective will be required to remediate the elective as per criteria set forth by the elective director(s) and in consultation with Assistant Dean for Medical Education.