Research Ethics and Scientific Integrity

Course Director: TBA
Summer [1 hour credit]

This course is a systematic examination of the ethical concepts and standards of responsible conduct of research in biomedical science and clinical investigation. Its aim is to provide post-doctoral and graduate trainees in clinical research a framework in which to recognize, examine, resolve, and prevent ethical questions and conflicts in their professional work.

Objectives:
Upon successfully completing this class, students will be able to:
1. Trace the historical development and critique concepts of scientific integrity and research ethics – including legal and socio-religious influences – in biomedical science and clinical investigation;

2. Recognize, identify, and analyze questions central to the ethical problems in biomedical science and clinical research using relevant professional and regulatory standards.

3. Formulate recommendations for preventing and/or resolving ethical conflict in biomedical science and clinical research and promoting responsible conduct of research; and

4. Identify the appropriate institutional resources for addressing questions related to ethics and integrity in biomedical science and clinical research in academic and nonacademic settings.