

BIOE 809 : Responsible Conduct of Research

This 3 credit course is unique in focusing exclusively on the responsible conduct of research (commonly referred to by the acronym RCR). Through asynchronous interactive online sessions, videos lectures, and case studies, students explore the roles and responsibilities of researchers, IRBs, LACUCs, and institutions, governments, and regulatory bodies involved in research. Topics addressed include scientific integrity and the ethics of research design, data management, peer review, scientific misconduct, and others. RCR involves education about all aspects of the research endeavor and all fields of research as well as the promotion and adjudication of misconduct. Knowledge and understanding of these issues, and skills with which to critically analysis cases from the perspective of different guidelines and frameworks, are essential to develop expertise in bioethics. The critical thinking and communication skills obtained in this course will be useful to students in any discipline or profession.

Core Course

Credits 3