

Introduction to Responsible Conduct of Biomedical Research

Fall 2018
AP 896 (2 Credits)

This course is designed to provide graduate/professional students an introduction to the regulations, rules, practices, ethical considerations, and professional interactions that define responsible conduct of biomedical research. Investigator responsibilities associated with establishing a research program, conducting experimental studies, analyzing and reporting data, publishing in peer-reviewed journals, and understanding compliance issues and regulations are emphasized. Students will learn through reading journal articles and discussion of pertinent topics to identify and consider issues that are germane to the biomedical research environment.

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Topics

- Collaboration and mentorship
- Data management (integrity, archiving, security, ownership, reporting)
- Introduction to scientific misconduct
- Authorship and plagiarism
- Peer review
- Personal and professional relationships
- Conflicts of interest
- Animal subjects
- Human subjects
- Laboratory safety