

Research Ethics for the Life Sciences

Fall semesters

Instructors:

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This class meets one hour per week and yields one graduate credit hour.

Online resources such as openseminar.org/ethics/ (OS) and ccnmtl.columbia.edu/projects/rcr/index.html (Col), and handouts for readings will be used. Students are encouraged to share reading materials with their classmates. This is a class whose value is entirely based upon participation, i.e., reading and discussions. We value honest sharing, respectful discussion and even disagreement about ethical considerations and best practices in research.

Schedule:

Week 1	Course introduction, syllabus. What is a successful scientist?
Week 2	Ideas: Plagiarism
Week 3	Personnel: Mentoring
Week 4	Research: Misconduct
Week 5	Research: Fraud and technology
Week 6	Personnel and research: Whistleblowing
Week 7	Personnel and research: Whistleblowing cont.
Week 8	Publications: Authorship and writing Publications and Funding: Peer review
Week 9	Publications: Authorship and writing cont.
Week 10	Publications and funding: Peer review
Week 11	Publications and funding: Peer review cont.
Week 12	Ideas: Patents and inventorship
Week 13	Research: Conflicts of interest
Week 14	Special topics, student choice
Week 15	Special topics, student choice
Week 16	End special topics. Wrap-up: success in science