Bi 252. Responsible Conduct of Research. *4 units (2-0-2); third term.* This lecture and discussion course covers relevant aspects of the responsible conduct of biomedical and biological research. Topics include guidelines and regulations, ethical and moral issues, research misconduct, data management and analysis, research with animal or human subjects, publication, conflicts of interest, mentoring, and professional advancement. This course is required of all trainees supported on the NIH training grants in cellular and molecular biology and neuroscience, and is recommended for other graduate students in biology division labs. Undergraduate students require advance instructor's permission. Graded pass/fail. Instructors: Meyerowitz, Sternberg, staff.

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Syllabus: Spring Term 2015. 100 Broad – Rock Auditorium, Mondays 2-4 PM

March 28	Paul Sternberg	Mentoring	Chapter 3
April 4	Janet Baer	Animal Subjects	Chapter 6
April 11	Elliot Meyerowitz	Scientific Misconduct	Chapters 1,2
April 18	Peter Dervan	Conflicts of Interest	Chapter 7
April 25	Jared Leadbetter	Biosafety	Chapter 11
May 2	Ray Deshaies	Authorship and Peer Review	Chapters 4,8
May 9	Grace Fisher-Adams	Human Subjects	Chapter 5
May 16	David Anderson	Reproducibility of Experiments	Chapter 10
May 23	Hannah Dvorak-Carbone	Intellectual Property	Chapter 9

Required textbook:
Francis L. Macrina, Scientific Integrity: Text and Cases in Responsible Conduct of Research, 4th ed., 2014. ISBN-13: 978-1555816612 ISBN-10: 1555816614

TA: Ravi Nath

1) Class is only offered Pass/Fail

2) All students registered for the class must sign a sign-up sheet at each lecture as a record of attendance. Any missed classes must be made up the following year.

3) A class requirement is to write a skit representing a scenario that will lead to discussion of one of the topics, and to email it to the TA. Teams are encouraged to get together to write the skit, there should be one character in the skit per team member. Skits will be performed at the start of each class, the authors will be the actors, and the lecture will include some discussion of the topics raised by the skit.