

BIOL 551/552 Seminar, section 1 (Klerks), Spring 2019.

TOPIC: RESPONSIBLE CONDUCT OF RESEARCH (research integrity and compliance with regulations). In this seminar we will delve into the various government regulations that today's researchers have to navigate (and we will get experience on how to do this). Topics will include: the research use of vertebrate animals (oversight by Institutional Animal Care and Use Committee), infectious agents (oversight by the Institutional Biosafety Committees and the "Dual Use Research" issue), humans (oversight by the Institutional Research Board), radioisotopes (Radiation Safety Committee), and hazardous chemicals. We will also discuss other "external" research issues such as ethical conduct, authorship on publications, plagiarism and conflicts of interest. As part of the seminar, participants will complete the on-line training *Responsible Conduct of Biomedical Research* that is required for certain NSF and NIH funding.