

Responsible Conduct of Research

FY18 Seminar Series

Onstead Auditorium (S3.8012)

12:00 – 1:00pm

FALL /WINTER 2017

☐ 9/13/17 Conflict of Interest and Commitment

A discussion of how to identify and handle situations in which financial or other personal considerations have the potential to compromise or bias professional judgment and objectivity, which may ultimately undermine the public trust in science. **Dr. Tyron C. Hoover.**

☐ 10/11/17 Data Acquisition, Management, Sharing and Ownership

The accepted practices and procedures for acquiring, storing, documenting, analyzing, sharing and maintaining data, including definitions for what constitutes data, procedures for maintaining the confidentiality and integrity of data, proper methods for keeping records and processing/ analyzing data; and guidelines for who ‘owns’ data. **Dr. Rebecca Modisette.**

☐ 11/8/17 Human Subjects

An overview and discussion of the challenges and ethical considerations specific to the scientific community re: studying people, their tissues and their data, including responsibility for the safety and privacy of study participants. **Dr. Colleen Gallagher.**

☐ 12/13/17 Collaborative Science

The aspects of developing and maintaining research collaborations, including communicating and establishing the parameters of the collaboration (e.g. authorship determinations and sharing of data and materials) as well as collaboration between researchers from academia and industry. **Dr. Gordon Mills.**

☐ 1/10/18 Communication and Difficult Conversations

A discussion of how postdocs can use communication and diplomatic skills to navigate some aspects of the research environment, particularly when conversations between postdocs and their mentors/supervisors turn towards difficult or sensitive topics. **Dr. Bill Brock.**

☐ 2/14/18 Peer Review

The definition and process of peer review, the variety of activities that utilize peer review from publication to proposal submissions, the role and responsibilities of reviewers and understanding impartiality and confidentiality. **Dr. Jason Robinson.**

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SPRING/SUMMER 2018

3/14/18 Mentor/Trainee Responsibilities: The best approaches for selecting a mentor, managing conflicts and potential competition between mentor and trainee, mapping out the extent of collaboration between mentor and mentee and constructive procedures for mitigating abuses and resolving grievances. Dr. Wendy Woodward.

4/11/18 Ethical Issues in Biomedical Research: A discussion of the ethical standards for research, including the principles of respect, beneficence and justice. Dr. Colleen Gallagher.

5/9/18 Animal Welfare: An overview of the established guidelines for the proper care and treatment of animals used in research, as well as ethical considerations surrounding research involving animals. Dr. Lori Hill.

6/13/18 Research Misconduct and Policies for Handling Misconduct: A discussion of the basic components of research misconduct in the course of research activities -- falsification, fabrication and plagiarism; questionable research practices; the various agency definitions of misconduct; how to report occurrences; and the roles and responsibilities of the whistleblower. Dr. Shine Chang.

7/11/18 Publication Practices and Responsible Authorship: The procedures for assigning credit and authorship; the responsibilities of each author; accepted practices for detailing methods, analyses and results -- including appropriate citations; and publication “pitfalls”. Dr. Carrie Cameron.

August 2018