RESPONSIBLE CONDUCT OF RESEARCH

Fall 2019 Seminar Series – Tulane University
Course INTD-6010-01, CRN 83436
Thursdays, August 29, 2019 – October 24, 2019; 3:00-4:00 pm
Location: J. Bennett Johnston Building, Room 504

Seminar Series Synopsis

Responsible Conduct of Research (RCR) is the practice of scientific investigation with integrity. It involves the awareness and application of established professional norms and ethical principles in the performance of all activities related to scientific research. Each week, a guest presenter will lead an interactive seminar about the best practices in research that will help participants deepen their knowledge of ethical research and responsible conduct. Each seminar topic is listed below. This seminar series is offered through the School of Medicine's Interdisciplinary Studies-Graduate Department.

Objectives

Objectives for the course are to:

- ensure and improve integrity of research and promote quality research conduct
- provide awareness of expectations about research conduct within the research enterprise as articulated in federal, state, institutional and professional laws, policies and practices
- provide awareness of the uncertainty of some norms and standards in research practices due to factors including changes in technology used in research and the globalization of research
- promote public trust in science
- manage the impact of research on the world beyond the laboratory, including society and the environment.

Goals

Goals for the course are to:

- increase knowledge of ethical issues and practices
- strengthen understanding of appropriate data management as it relates to responsible conduct of research
- increase skills related to ethical decision making and conflict management
- improve attitudes toward open communication and respect of issues
- improve behavior and choices.

Training Requirements Satisfied by the RCR Seminar Series

This seminar series satisfies the responsible conduct of research training requirements of the National Institutes of Health (NIH) and the National Science Foundation (NSF). The NIH requires that all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award (individual or institutional), research education grant or dissertation research grant must receive instruction in RCR. The NIH considers eight hours of RCR training over the life of the grant to be acceptable. The NIH requires that RCR instruction must be undertaken at least once during each career stage and at a frequency of no less than once every four years. The NIH's RCR training requirements may be accessed through this link: http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-019.html. The NSF requires all undergraduate students, graduate students, and postdoctoral researchers whose research will be supported by the NSF to complete RCR training. The NSF does not place a requirement for the number of training hours or the method of training. Either online RCR training via the CITI training module (https://www.citiprogram.org/) or attendance at the RCR Seminar Series meets the NSF requirement. The NSF's RCR training requirements may be accessed through this link: https://www.nsf.gov/bfa/dias/policy/rcr.jsp.

The NIH and the Agency for Healthcare Research and Quality Requirements (AHRQ) have stated that they intend to add the topic of *rigor and transparency to enhance reproducibility* to RCR training requirements. This seminar series includes that topic although the requirement is not yet in effect. For more information, see: http://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-034.html.

Attendance/Grading

Participation in this seminar is for both registered participants and non-registered participants. Participants who desire the seminar series to appear on their transcripts must register **and** must attend all **eight** seminars to obtain a satisfactory grade. Attendance at less than the full hour of a seminar will result in no credit for that seminar. Registered participants who meet the attendance criteria will receive 0.00 credit hours with a grade of satisfactory. Those who do not wish for the seminar series to appear on their transcripts may attend any of the seminars. Each participant (whether registered or not) will receive a certificate for each seminar attended.

Course Materials

Reading, assignments, and handouts will be posted on Tulane Canvas: (https://tulane.instructure.com/). Each participant is responsible for checking Canvas for readings, handouts and assignments and bringing print outs to class as appropriate. Please review materials in advance of each seminar and prepare questions to ask at each seminar. Your Canvas sign-in and password is your Tulane e-mail login and password. Please check your Tulane e-mail regularly for seminar announcements. Presentations will be posted following the presentations to the Tulane Research Compliance website at https://research.tulane.edu/compliance/rcr.

Location

All seminars will be from **3:00 to 4:00 p.m.** on the Downtown Campus in the **J. Bennett Johnston (JBJ) Building, Room 504**. Additionally, seminars will be broadcast to Stanley Thomas Hall Room 316 on the Uptown Campus and the Tulane National Primate Research Center in the Auditorium.

Seminar Schedule (All seminars are on Thursdays from 3:00 pm – 4:00 pm)

Date	Presenter	Subject
August 29	John McLachlan, PhD Professor, Dept. of Pharmacology, SOM and Weatherhead Distinguished Chair in Environmental Studies	Societal impacts of research
September 5	Prescott Deininger, PhD Director, Tulane Cancer Center Professor of Epidemiology, SPHTM	Data acquisition, management, sharing, and ownership
September 12	Joe Keating, PhD Assoc. Dean Undergraduate Education, SPHTM	Use of human subjects in research
September 19	Reinhard Breckner, Genean Mathieu, Christina Samuels, JD Tulane Office of the General Counsel	Conflicts of interest
September 26	Bruce Bunnell, PhD Professor, SOM Dept. of Pharmacology Director, Center for Stem Cell Research and Regenerative Medicine Chairman, Division Regenerative Medicine, TNPRC	Research misconduct and policies for handling misconduct
October 3	Pierre Buekens, MD, PhD W.H. Watkins Professor, SPHTM Director, Center for Emerging Reproductive and Perinatal Epidemiology	Responsible authorship and publications
October 10	No class due to fall break	No class due to fall break
October 17	Chad Steele, PhD Chair, Department of Microbiology and Immunology, SOM	Enhancing reproducibility through rigor and transparency: NIH expectations
October 24	M.A. "Tonette" Krousel-Wood, MD Associate Dean/Associate Provost for Health Sciences, SOM	Enhancing reproducibility through rigor and transparency: sex as a biological variable

Questions

If you have questions, contact Research Compliance Officer Brian Weimer bweimer1@tulane.edu; Deputy Research Compliance Officer Lisa Wurtzel lwurtzel@tulane.edu; or Administrative Assistant Kay Leger kleger@tulane.edu; (504) 988-1147.