

1. **BMSC 6011: Responsible Conduct of Research (Scientific Integrity II)**
2. Semester Offered: Fall
3. Discussion Location: BSEB room 272
4. Instructor: Dan Carr
  - a. Office: DMEI 415, Pavilion A
  - b. Telephone: 271-8784
  - c. Email: dan-carr@ouhsc.edu
5. Course Description: The course will serve as refresher training for 5<sup>th</sup> year doctoral students on the topic of the responsible conduct of research.
6. Prerequisites: BMSC 5001 and completion of CITI on-line training, or permission.
7. Learning Objectives: In a broad sense, the learning objectives for the course include professional codes, government regulations, institutional policies, and personal convictions. The course objectives intend to not only raise awareness of the kinds of ethical dilemmas that researchers are liable to encounter, but it also provides a way for them to learn by working through the dilemmas. Furthermore, it is intended that participants will comply with a recently updated policy of the National Institutes of Health requiring a minimum of eight hours of face-to-face instruction in the responsible conduct of research (RCR). By providing case studies, role-plays, and reflection questions, the course offers valuable ways of engaging learners in face-to-face discussion, debate, and enactment of important RCR issues.

Objectives include

- a. Promotion of developing sense-making skills
- b. Recognizing the complexities of your circumstances
- c. Seeking outside help
- d. Questioning your own and others' judgment
- e. Anticipating the consequences of actions
- f. Assessing personal motivations
- g. Considering the effects of actions on others
- h. Fiscal and management coordination
- i. Resolving conflict skills including effective communication
- j. Greater appreciation for ethics in human research and bioethics in science
- k. Realize issues faced in the health care industry and conflicts of interest
- l. Recognize the potential environmental impact of research

These objectives are taken directly from the Office of Research Integrity, Dept. of Human Health & Services.

8. Conduct of the course: There are two parts to the course:
  - a. Successful completion of the online CITI course. Make sure you keep a record of successful completion.

- b. A series of discussion sessions led by a faculty member. Instructors will email individual assignments to participants one week prior to the topic scheduled for discussion. The participants will be required to read any material prior to the class indicated by the instructor. Active participation in small group and end group discussion for each topic is required.
9. Method of Evaluation: Attendance will be required for each topic by those enrolled in the course. A sign-in sheet along with identification will be required for all enrolled participants. Those enrolled in the course are required to meaningfully contribute to discussion during each class. Meaningful participation can include answering or posing questions in a detailed fashion, or adding to evidence discussed. Simply saying “I agree, yes, or no” does not count as active participation. Active participation in the course together with completion of the CITI course constitutes a passing grade.
10. Course Materials: Course material will be obtained from Office of Research Integrity, NIH, and other resources. The material will be distributed one week prior to the date of each class period.

#### 11. Class Schedule 2018:

Date	Instructor	Topic
Sept. 6 (3:00 – 3:50 pm)	Dr. Darren Lee	Ethics of CRISPR
Sept. 6 (4:00 – 4:50 pm)	Dr. Dan Carr	Human Studies/Conflict of Interest
Oct. 4 (3:00 – 3:50 pm)	Dr. Scott Plafker Dr.	Authorship and Publication
Oct. 4 (4:00 – 4:50 pm)	Dr. Michelle Callegan	Mentor & Trainee Relationship
Nov. 1 (3:00 – 3:50 pm)	Dr. Michael Elliott	Animal Studies
Nov. 1 (4:00 – 4:50 pm)	Dr. Williard Freeman	Research Misconduct
Dec. 6 (3:00 – 3:50 pm)	Dr. Xi-Qin Ding	Peer Review
Dec. 6 (4:00 – 4:50 pm)	Dr. Dimitrios Karamichos	Collaboration

To access the CITI course:

Go to [www.CITIProgram.org](http://www.CITIProgram.org)

New Users:

- Participating Institution: Select from the drop down menu “Graduate College of the University of Oklahoma Health Sciences Center”
- Complete the requested registration information.
- Select Biomedical Responsible Conduct of Research, Basic Course.

Previously registered users of CITI:

- insert your username and password.
- At the Main Menu page, select “Affiliate with another institution”; select “Graduate College of the University of Oklahoma Health Sciences Center”
- Complete the requested registration information Select Biomedical Responsible Conduct of Research, Basic Course.