**Training in Responsible Conduct of Research – Template for Graduate Students**

*[Note: This template provides information about the formal RCR workshop offered in Chicago for graduate students. For most applicants, the GC 501 course will be just one component of a larger, ongoing RCR training plan. A competitive proposal will include information in each of the following categories about all of the formal/informal RCR training opportunities planned for the life of the award.]*

The Graduate College at University of Illinois at Chicago offers a course on Responsible Conduct of Research. The Graduate College faculty and staff organize these workshops to assure that the topics are appropriate and meet those required by federal guidelines (NOT-OD-10-019) and the updated guidelines (NOT-OD-22-055).

**Format:** The course meets weekly as discussions and case-study analysis (real and hypothetical) of relevant areas responsible conduct of research. Attendance will be taken at all 15 meetings and each participant will need to attend each hour-long meeting. Resources provided include readings from “On Being a Scientist, A Guide to Responsible Conduct in Research,” 3rd Edition, by National Academy of Sciences, National Academy of Engineering, and Institute of Medicine. They also include web links to federal and University of Illinois guidance and policies.

**Subject Matter**: Each session will focus on one of the following areas: (a) personal conflict of interest, (b) professional conflict of interest, (c) financial conflict of interest, (d) human subjects research, (e) live animal research, (f) laboratory safety, (g) mentoring, (h) collaborative research, (i) collaboration with industry, (j) peer review, (k) data management, (l) data sharing, (m) data ownership, (n) research misconduct policy, (o) handling research misconduct, (p) responsible authorship, (q) safe research environments, (r) international collaboration, (s) research security, (t) and other ethical issues. The Graduate College Faculty and staff will select topics to assure that topics rotate and each topic is covered.

**Faculty Participation**: The Graduate College Faculty and staff will invite faculty to lead the discussion or case-studies each week. Some examples of past faculty speakers include *Jonathan Art, Ph.D., Department of Anatomy & Cell Biology, Associate Dean of the Graduate College for STEM disciplines; Jonathan Art, Ph.D., Associate Dean of the Graduate College for STEM disciplines; Richard A. Gemeinhart, Professor in Pharmaceutical Sciences; and, Suseleen Pookote, Director, Office of Technology Management.*

**Duration**: The course will be available each Fall semester as 15 sessions each 1-hour minimum in duration. Attendance and participation will be document at each meeting.

**Frequency**: Participation in the course will be required once during this project period. Participants that undergo training for more than a four-year period will be encouraged to participate in the postdoctoral/faculty RCR offerings from the UIC Office of the Vice Chancellor for Research.

{*Add any additional information about mentor-mentee interactions or discussions, for example:* My mentor also initiates discussions of ethical conduct in research in regular lab meetings, and occasional one-on-one discussions. We discuss proper ways to handle and interpret the data and how to proceed with the study. The meetings involve the entire lab and are conducted with presentations and subsequent discussions. In addition, when submitting manuscripts, our lab utilizes the International Committee of Medical Journal Editors recommendations for authorship and these requirements are discussed with each author and potential author before submission of the manuscripts.}

*{Other training can also be listed, for example, on-line CITI training or other courses that contain RCR components such as training in vertebrate animal use or in human subjects.}*

*Updated 10/27/2022*