From the Office of Research Integrity and Protections (ORIP)

Responsible (and Ethical) Conduct of Research (RCR/RECR) Training Plan

The Syracuse University RCR/RECR Training Plan:

- Satisfies RCR/RECR requirements from major federal funders.

- Assures all learners are engaged and learning is effective.

- Builds a supportive interdisciplinary research community.

- Supports Principal Investigators, Senior Researchers and Research Faculty in developing the next generation of responsible and ethical researchers.

All Researchers should complete or have completed _Collaborative Institutional Training Initiative (CITI) Full RCR Training Online_ in their academic or professional career. This basic RCR/RECR training provides a foundation of knowledge and defines concepts that will be referenced throughout future trainings and the entire research process. *If you have completed this requirement as well as in-person RCR/RECR training at another institution, please make Syracuse University an affiliate institution on CITI and provide a transcript of training to the Office of Research Integrity and Protections (ORIP).

Undergraduate Researchers (must be completed **90 days** assignment to research team and notification from ORIP)

As an undergraduate researcher, it is important to build a foundation of understanding in responsible conduct of research. The Basic RECR topics that will be defined and discussed include Research Misconduct, Mentoring, Data Management, Peer Review, Conflicts of Interest or Commitment, and Collaborative Research, Animal Research, and Human Research. Both training options below define key concepts, increase awareness of potential conduct issues, give examples of ethical issues that may compromise the integrity of the research being performed, and share strategies to resolve them.

Requirements include both CITI online training and 4 hours of in-person training.

- Completion of Syracuse University's web-based Collaborative Institutional Training Initiative (CITI) training in the relevant discipline of research.

plus

- 4 or more hours of in-person training. Formal RCR/RECR instruction options will be provided by ORIP and informal instruction will be provided by senior researchers and is tracked by ORIP.

Graduate Students

Syracuse University Graduate Students continue to prepare themselves to be responsible members of the scientific community. RECR Training for graduate researchers builds upon the Basic RECR requirement for undergraduates and actively engages the students in ethical decision-making to increase ethical decision making and sensitivity skills. Relevant case study discussions that include faculty and staff leaders encourage growth as a researcher and provide strategies to overcome the challenges of science in the 21st century.

Training requirements can be fulfilled in one of two ways: (Choose track 1 or track 2

1. CITI Full RCR or RCR Refresher course
   i. ***Collaborative Institutional Training Initiative (CITI) Full RCR or RCR Refresher Training Online*** must be completed within 90 days
   ii. 4 or more hours of in-person training. Formal RCR/RECR instruction options will be provided by ORIP, and informal instruction will be provided by senior researchers and is tracked by ORIP.
2. Complete 8 or more hours of in-person RCR/RECR training.   Formal RCR/RECR instruction options will be provided by ORIP, and informal instruction will be provided by senior researchers and is tracked by ORIP.

Post-Doctoral/Senior Staff/Principal Investigators (must be completed **1 year** from award date or assignment to research team and must be repeated every 4 years)

As established members of the scientific community, Syracuse University Post-Doctoral, Senior Staff, Principal Investigators, lead the way in creating a research environment that is guided by the highest standards of research ethics and integrity. As stewards of the research culture, you lead by example and model behaviors that newer researchers will learn from.

Training requirements can be fulfilled in one of two ways: (Choose track one or track 2

1. CITI Full RCR or RCR Refresher course
   i. ***Collaborative Institutional Training Initiative (CITI) Full RCR or RCR Refresher Training Online*** must be completed within 90 days
   ii. 4 or more hours of in-person training. Formal RCR/RECR instruction options will be provided by ORIP, and senior researchers may contribute

to formal or informal instruction as discussion leaders, speakers, lecturers, and/or course directors.

2. Complete 8 or more hours of in-person RCR/RECR training.   Formal RCR/RECR instruction options will be provided by ORIP, and senior researchers may contribute to formal or informal instruction as discussion leaders, speakers, lecturers, and/or course directors.

Questions: For questions or concerns regarding these training requirements or upcoming RCR/RECR seminars, please contact the Office of Research Integrity and Protections at (315) 443-3013 or orip@syr.edu for assistance.

PLEASE NOTE: The Responsible Conduct of Research (RECR) Training **cannot** be substituted for the CITI Human Subjects Training required for individuals involved in Human Subjects Research.