

## **Responsible Conduct of Research**

In January 2010, the National Science Foundation (NSF) began requiring that applicant institutions have in place-at the time of proposal submission – a plan for providing “appropriate training and oversight in the responsible and ethical conduct of research to undergraduate students, graduate students, and postdoctoral researchers” (1)

Xavier has contracted with CITI (The Collaborative Institutional Training Initiative of the University of Miami) – to meet the NSF RCR requirements. While this requirement currently only applies to NSF funded students and faculty, we encourage this RCR training for all faculty, staff, students and researchers at Xavier to provide ethics education and the responsible conduct of research and scholarship.

The CITI courses in the Responsible Conduct of Research are available to the Xavier research community free of charge. Discipline specific courses are available for Biomedical, Social & Behavioral Research, the Physical Sciences, Humanities, and Administrators.

The RCR topic areas include: Research Misconduct, Data Management, Conflict of Interest, Collaborative Science, Responsible Authorship, Mentoring, Peer Review, and Human Subjects.

You can also find CITI training modules specifically in Human Subjects Research. Each training section takes about 20-30 minutes to completed, and each module does not need to be completed all at once. Upon completion of the RCR course, you will receive a certificate of completion.

Dr. Kathryn Morris, Director of Undergraduate Research, coordinates the RCR training for students and faculty. If you have questions please contact Dr. Morris at 745-3354 or [morrisk10@xavier.edu](mailto:morrisk10@xavier.edu).

### **Note to Faculty Researchers**

It is a Principal Investigator’s responsibility to inform undergraduate students paid from NSF funds of the mandatory RCR training. All undergraduate students have access and should be encouraged to complete CITI modules.

How to Begin:

- (1) Go to the CITI Course [www.citiprogram.org](http://www.citiprogram.org) to register for the CITI online training
- (2) Click on “Register”
- (3) Under “Select your organization affiliation” type in Xavier University- Cincinnati, OH.
- (4) Next, proceed to create your own username, password, and then select the courses that you want to take.

Once you have completed the preceding steps you are logged in and registered. You may begin the appropriate course or log out and return at another time. If you chose to log out, when you return to the CITI homepage you will NOT need to register again. You will login with the username and password you have already created. Upon completion of the course, you will receive a certificate of completion.

For more background information, please see: Federal Register, Aug. 20, 2009 (V.74, no. 160), Action: NSF’s Implementation of Section 7009 of the America Competes Act, pp. 42126-42128