FSHN Graduate Program: 
Responsible Conduct of Research (RCR) Plans

Tracked automatically in SABA (CITI modules) =
Tracked by department in GradInfo (other)=

### YEAR 1. ALL GRADUATE STUDENTS

1. **Introduction to RCR** during annual new graduate student orientation

2. **Students associated with projects involving human subject and/or animals** must **complete the Michigan State University training modules for:**
   - Human subject protection
   - Laboratory animal welfare

   **before submitting IRB or IACUC approvals:**

3. **Completion of all of the following CITI (Collaborative Institutional training Initiative) modules** [https://www.citiprogram.org](https://www.citiprogram.org):
   - Introduction to the responsible conduct of research
   - Authorship
   - Plagiarism
   - Research misconduct

Completion tracked in SABA

### PLUS: Six (6 hrs) discussion-based training by completion of the degree

1) **Participate in:**
   - Two (2) Graduate School workshop series on Responsible Conduct of Research series (excluding animal and human welfare) (3 hrs)
   **Or, participate in:**
   - Fall Semester Faculty-led Departmental discussion based seminar (1.5 hr)
   - Spring Semester Faculty-led Departmental discussion based seminar (1.5 hr)

To cover topics and discussion on: Research integrity/misconduct, mentoring, data acquisition and ownership, data sharing, conflict of interest, collaborative science, scientist as a responsible member of society, contemporary ethical issues in biomedical research, the environmental and societal impacts of scientific research
2) **Individual and lab discussion-based meeting with the faculty advisor (3hrs)**
Reading assigned by the advisor, then meeting with individuals to discuss data management, responsible lab practices, publication practices, authorship, peer review

Recorded by the department in GradInfo as “Initial” training

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**YEAR 2. MS PLAN A & PhD STUDENTS**

**Complete three (3) additional CITI modules** [https://www.citiprogram.org](https://www.citiprogram.org):
- Collaborative research
- Conflict of interest
- Financial responsibility
- Mentoring
- Peer review
- Rigor and Reproducibility
- IACUC tutorial for animal care training
- Human research protection/IRB certification

Completion tracked in SABA

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**YEAR 3 FORWARD. PhD STUDENTS:**

**Annual refresher training (3 hrs) of the following:**
- CITI modules beyond the 7 above
- Participate in graduate school workshop series on Responsible Conduct of Research series (excluding animal and human welfare)
- Participate in faculty–led departmental discussion based workshop
- Individual and lab-discussion based meeting with the faculty advisor

Recorded by the department in GradInfo as “Annual” training

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*Students who are supported by NSF, NIH, or USDA grants may be required to complete additional specific training; they must meet the timeline and the content requirements of training for that grant. Please consult with the PI of the particular grant.*

**Research advisors are responsible in advising graduate students in meeting the RCR requirements**