Research Ethics

* What is Responsible Conduct of Research (RCR)?
  * Acting with honesty, fairness, accuracy, objectivity

* Why is it important to society?

* Why is it important to you, as a graduate student?

* Why is it important for your research mentor(s)?

Adapted from the MSU College of Engineering's Overview of RCR, June/September 2014.

RCR Training Requirements for MSU Engineering Graduate Students

* Graduate students must complete RCR (Responsible Conduct of Research) training during EACH CALENDAR YEAR at MSU
  * Training must be completed between January 1 and December 31 to count for that calendar year
  * Students are responsible for scheduling, completing and logging their own training hours
  * To “count” toward the requirement, RCR training must be logged online (www.egr.msu.edu/rcr)
How Many Hours are Required?

- First Year Students
  - Minimum of 5 hours of RCR training **during first year**
    - If you have a research adviser or major professor, then at least 1 of these 5 hours of training must be conducted **in person** with your adviser
  - Complete and log by December 31 of your first full calendar year
    - First enrolled in Spring 2016 or earlier: complete by December 31, 2016
    - First enrolled in Summer or Fall 2016: complete by December 31, 2017

- After the First Year
  - Minimum of 3 hours of RCR training each year
    - If you have a research adviser or major professor, then at least 1 of these 3 hours of training must be conducted in person with your adviser
  - Complete and log between January 1 and December 31 each year

How Can you Complete Training?

- In-person conversations with research advisor or major professor
  - Can be individual or group meetings
  - Should discuss RCR in context of your research/discipline

- Workshops offered by the MSU Graduate School
  [http://grad.msu.edu/workshops/](http://grad.msu.edu/workshops/)

- Free, online training courses through CITI
  [https://www.citiprogram.org/](https://www.citiprogram.org/)

- Other courses, seminars or programs covering RCR: okay with approval from your adviser!
How Do you Log the Training?

- Online through [www.egr.msu.edu/rcr](http://www.egr.msu.edu/rcr)
- Create a new RTTS account each academic year
  - You may need to print multiple academic year reports from RTTS to show all training completed for current calendar year
- Record your training hours (round the time up to the next whole hour)
  - If you don't log it in RTTS, it does not count!
- Submit with your annual report (this is due January 31)
  - Print a PDF of the completed training log from RTTS and include with your annual report

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**RCR (Responsible Conduct of Research) Graduate Training Requirements**

(Updated: 10/11/16)

Are you a current engineering graduate student? Yes No

Is this your first year of graduate studies? Yes No

Complete 4 CITI Modules Online by December 31

Have you completed a minimum of 5 hours of RCR training this year? Yes No

Have you logged all of your RCR training hours online at [www.egr.msu.edu/rcr](http://www.egr.msu.edu/rcr)? Yes No

Congratulations! You're done with RCR training until next year.

Remember that you must complete training each calendar year (January 1 through December 31).
Failure to complete and log your training each year will result in a hold being placed on your account.