Workshop Series Syllabus:  
2016-17 Responsible Conduct of Research & Scholarship  
Face to Face Workshops

Workshop Series Coordinators
Dr. Stephanie W. Watts  
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Goal
The Graduate School requirement for Responsible Conduct of Research & Scholarship (RCR) education of MSU’s graduate students includes a face to face component. This allows questions/issues/concerns that may have been raised while undertaking the required CITI modules to be addressed, as well as solidifies important points within this required modules. Moreover, these arranged sessions should help to fulfill the face-to-face hours required by multiple funding agencies.

Why is this Workshop Series Offered?

- This workshop series is intended to support the efforts of departments and graduate programs in fostering responsible research/scholarly practices. The expectation is that student/trainee research/scholarship will be of higher quality, and that students/trainees will be better able to avoid and respond to situations involving irresponsible research/scholarly practices and behaviors.

- It is critically important that early career scholars understand that their research/scholarly work impacts others and contributes to the research/scholarship of others in important ways that may not always be clear.

- Research and creative works are supported by public and/or private funding. These sources trust that new information generated through funding is accurate, true, and carefully considered. Inaccurate (flawed, incorrect) results can occur from mistakes or chance. In some instances, individual researchers violate the principles of research integrity by intentionally misrepresenting their findings (research misconduct).
Expectations of Your Participation

1) Know your departmental requirements for RCR: The Graduate School will, over the course of this year, institute a new university wide requirement for all graduate students. This will include both CITI based lessons and face to face lessons. However, departments, Schools and Interdisciplinary Programs are responsible for establishing requirements, developing plans for appropriate training and oversight in the ethical and responsible conduct of research (RCR). Many decide to require attendance at this workshop series, as a way to fulfill face to face education in RCR. It is your responsibility to check with your Department, School, or Program about what they have elected to require. As noted above, plans for Responsible Conduct of Research Education and Training are listed on the Graduate School’s web site (https://grad.msu.edu/departments).

2) It is your responsibility and duty to read and understand MSU’s policies and procedures on academic and research integrity and misconduct.

3) Workshops will begin promptly at 6 p.m. and end at 7:30 p.m. Please arrive early, sign in, and pick up your materials by 5:50 p.m. Sign in and sign out are required (use of MSU Card is required; ALWAYS BRING YOUR ID).

4) Electronic devices (phones, tablets, computers) may **not** be used during the workshops.

Accommodations
Persons with disabilities or special needs should contact the Graduate School at 517-353-3063 or gradwrsp@msu.edu to request arrangements no later than one week prior to the session date. Requests received after this date will be met when possible.

Tracking of your RCR Education
The SABA system that is supported by the Office of Regulatory Affairs (ORA) will keep track of the workshops you attended as well as the CITI lessons you take. The RTTS system that has been in place for several years is no longer necessary. To track your workshop training go to:

[http://ora.msu.edu/train](http://ora.msu.edu/train) From your Home page, click the My Training tab. The default list is just last 3 months.

Workshop Location
All RCR workshops will be held in Erickson Hall, 620 Farm Lane, Kiva, East Lansing, MI 48824

Check-In 5:15 – 5:50 p.m.
Workshop Programs 6:00 – 7:30 p.m.
Workshop Registration
Registration by students and postdoctoral researchers themselves is required.

Before you register:

- Find out from your Department, School, or Program which specific workshops are required for you.
- Make sure you have a NetID and your password

Registering

- Direct links for registering to each workshop can be found in each of the eight (8) sessions described below.
- The deadline for registering for a session is one week before the session. You will know if you have successfully registered for a workshop because you will receive an e-mail from train@ora.msu.edu that looks like this:

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This registration was successful. Add the time and place to your calendar.
If you cannot attend, forward this email to train@ora.msu.edu with subject line 'Drop.'

Course: GRAD SCHOOL  RCR Workshop - Plagiarism
Person: Stephanie Wengert Watts
Delivery Type: Instructor Led
Class Start Date: 03-Nov-2016
Start Time: 17:45
Location: Set Location
Facility: Erickson Hall Kiva

If you need assistance: Email train@ora.msu.edu or call 517-884-4600

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Workshop Series Outcomes
At the end of the workshop series, attendees will be expected to understand and be able to explain:

- MSU’s rules concerning academic integrity, including possible disciplinary actions regarding allegations of academic or research misconduct;
- MSU’s requirements for training and oversight in the responsible and ethical conduct of research;
- Where to find their department’s or program’s plan for training and oversight in the responsible and ethical conduct of research;
- How to properly credit other’s works in order to avoid accusations of plagiarism;
- How to reason logically and critically evaluate ethical dilemmas and professional situations to guide responsible and ethical actions in the conduct of research/scholarship;
- How their research/scholarship affects others, both professionally and personally; and
- How to responsibly collaborate with others in research/scholarly teams.

Topics for 2016-2017 Face to Face RCR Workshops
Discussions will be based around a main presentation done by Dr. Stephanie W Watts, as facilitated by individuals from the university that help students connect to important regulatory and information offices through the MSU campus. Each topic, as listed below, is paralleled by a CITI lesson such that a student could pair an online lesson followed by a face to face discussion.

September 22, 2016 Data and Data Management
Goal: At the heart of what you do as a scholar are data. The gathering, use of and ownership of data are critical to understand. This session will discuss the diversity of what data can be, who controls, owns and can share your data. We will also discuss practical means to protect your data. The primary principle covered within this session is data management.

Registration: https://train.orasba.msue.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=blend00000000001260&oneClickLearningON=true
October 13, 2016  Authorship

Goal:  Publication of a scholarly work makes you an author. This session will be dedicated to understanding the definitions and disagreements (a live debate!) about what constitutes an author, how conflicts are resolved, how to avoid such conflicts, and where/to whom to go for help about authorship issues. The primary principles covered within this session are authorship and conflict resolution.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001461&oneClickLearningON=true

November 3, 2016  Plagiarism

Goal:  Plagiarism – stealing the work of another – is an increasing problem in the scholarly community. At MSU, this ranks as the #1 allegation of research misconduct. This session will aim to help you understand what plagiarism means, how to test for it within your own work, how to discuss plagiarism, and where to go for advice on plagiarism. The primary principles covered within this session are plagiarism and conflict resolution.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001462&oneClickLearningON=true

November 17, 2016  Research Misconduct

Goal:  Conduct in research runs a spectrum, from that performed with integrity to true research misconduct. Accusations of misconduct are incredibly serious, and the consequences grave. This session will help you understand the spectrum of behaviors while carrying out research, and will provide examples of frank research misconduct. We will also share practices to learn to avoid research misconduct, and to whom one should go if you have concerns about your own or other research. The primary principle covered within this session is research misconduct.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001480&oneClickLearningON=true
January 12, 2017  Use of Human Subjects

Goal:  (for Humans and Animals, separate sessions) In conducting your research, you may propose to use animals or humans. These sessions will help you understand the requirements – both at the level of MSU and federal government – that you must fulfill to be able to use either human or animal subjects in your research, and how to fulfill these requirements practically. The primary principles covered within this session are use of animals in research, and use of humans in research.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001501&oneClickLearningON=true

February 2, 2017  Use of Animal Subjects

Goal:  See “Use of Human Subjects” Goal.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001481&oneClickLearningON=true

February 9, 2017  Rigor and Reproducibility

Goal:  NIH and other institutions are emphasizing strong strategies for research. These include applying rigor, minimizing bias, maximizing reproducibility in all efforts. We will discuss means by which to address these within research. The primary principles covered within this session are rigor and reproducibility.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001500&oneClickLearningON=true

March 2, 2017  Peer Review

Goal:  Research is an increasingly complex endeavor, and one rarely works in isolation. This session will help you understand and appreciate what a ‘conflict of interest’ is, that they occur in many situations and are manageable. We will discuss conflicts within the context of peer review, an important duty for all members of the scholarly community. The primary principles covered within this session are peer review and collaboration.

Registration:
https://train.ora.msu.edu/Saba/Web/Main/goto/RegisterCatalog?offeringId=class000000000001521&oneClickLearningON=true