Responsible Conduct of Research in Psychology (Graduate)
Psychology 605/805
Fall 2011
Every other Tuesday, 5-7 p.m.

Instructor

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Overview of the Course

This course covers issues in the responsible conduct of research for graduate students in the psychology department at the University of Michigan. Students in the course include all first year graduate students in psychology, fifth-year graduate students who receive federal grant support (for summer or academic year), and for postdoctoral fellows who receive federal grant support. The main intent of this course is to cover the topics, outlined by the Office of Research Integrity of the US Department of Health and Human Services, that are relevant to the responsible conduct of research (outlined below). The course is required, and it is important to attend all sessions to fulfill federal guidelines. You will be asked to read articles relevant to the responsible conduct of research and to come prepared to discuss the main issues outlined in the readings and to discuss relevant case studies that will be presented in class. I hope this course will also serve the secondary function of providing a context for new graduate students to get to know one another and to get to know advanced graduate students and postdocs in psychology. Thus, we will have occasional post-class happy hours.

Communication

I will use CTools to post announcements, readings and changes to the course. Please check ctools regularly.

Book and Readings


The above book is available for free online at: http://www.nap.edu/catalog.php?record_id=12192 or can be purchased for 12.95.
In addition, we will use several additional readings that will be available on Ctools or online.

Schedule

**September 13. Introduction to the responsible conduct of research and mentoring.**

Book pages 1-8 and How to get the mentoring you need: Guide for graduate students (ctools).

Additional resource: Nature’s guide for mentors.

**September 27. Responsible management of data and careful experimentation.**

Book pages 15-16 and ORI’s “Guidelines for Responsible Data Management in Scientific Research” (ctools)

In class we will use:
Recalibration in: http://learning.ucdavis.edu/LabAct/
Clean lab: http://learning.ucdavis.edu/LabAct/

**October 11. Research misconduct part 1: fabrication and falsification.**

In class, we will do: “The Lab” http://ori.hhs.gov/TheLab/DVD_request.shtml

Cases: http://www.slate.com/id/2265971/

**October 25. Research Misconduct Part 2: Plagiarism.**

Office of Research Integrity’s “Avoiding plagiarism, self-plagiarism, and other questionable writing practices: A guide to ethical writing” by Miguel Roig, Ph.D..
In class we will use “Stolen methodology”: http://learning.ucdavis.edu/LabAct/

**November 8 (Election day!). Human participants.**

Read the “Belmont Report” (http://ohsr.od.nih.gov/guidelines/belmont.html) and UM policy for research with human subjects (ctools)

Case: http://chronicle.com/article/Harvards-Privacy-Meltdown/128166/

**November 22. Animal welfare.**
University of Michigan Policy statement on animal research (http://www.vpcomm.umich.edu/pa/key/animal.html)
And Federal Regulations for Animal research by Elysa Koppelman (http://www.onlineethics.org/Resources/TeachingTools/20357/19237/resethpages/regan.aspx)

**November 22. Responsible authorship and peer review**

Go through http://ccnmtl.columbia.edu/projects/rcr/rcr_authorship/
In class we will use the “authorship section of: http://learning.ucdavis.edu/LabAct/

**December 6. Collaboration and conflicts of interest**

Book pages 8-9 and Collaborations: With all good intentions by Heidi Ledford (Nature; ctools)