Conditioning and Learning Lab – 01:830:312 section 02 Spring 2019
Instructor: Elena Rotondo
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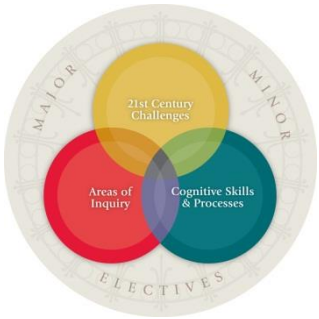
Office hours: before or after class, or by appointment
Class meeting time/place: Fridays, 10:20am- 1:20pm, Busch psychology room 361A
Textbook: None. Required readings will be provided on sakai throughout the semester

The aim of this course is to acquaint students with scientific research within the context of learning psychology. Upon successful completion of this course, students will

- have a basic understanding of methods and techniques used in animal conditioning research
- understand the procedures for collecting data in animal conditioning research
- be able to use basic statistics and statistical software to analyze data
- be able to interpret the results of the statistical analyses
- produce an APA-style empirical paper.

This course has been certified as satisfying four of the Writing and Communication Learning Outcome Goals (including WCR and WCD) of the SAS Core Curriculum. Specifically, students will be able to:



a) Respond effectively to editorial feedback from peers, instructors, and/or supervisors through successive drafts and revision (WCR);
b) Communicate effectively in modes appropriate to a discipline or area of inquiry (WCD);
c) Evaluate and critically assess sources and use the conventions of attribution and citation correctly;
d) Analyze and synthesize information and ideas from multiple sources to generate new insights.

Cell Phone Usage:

It is disrespectful to use your cell phone while your peers or professors are lecturing. Thus, if caught using your cell phone not during a break period, you will be asked to leave the classroom and you will get a zero for participation that day. I understand situations arise, so if you're expecting an important phone call or text during the class time let me know and you can dismiss yourself from class to take the call.

Academic Integrity:

- You are required to abide by the Rutgers policy on academic integrity; please familiarize yourself with this policy, you can view it at http://academicintegrity.rutgers.edu/integrity.shtml
- Plagiarism is a violation of academic integrity. Lab reports will be checked for plagiarism using "Turnitin" (via Sakai)

- If you plagiarize your lab report, you will be reported to the Rutgers academic counsel as well as you will get a zero for that lab report.

Attendance/Participation:

- Attendance in this class is critical to the success of the experiments, and therefore, mandatory.
- Any unexcused absence will take one point away from the participation point.
- You will also have .5 pts deduced for a late arrival to class.
- Arriving more than 20 minutes late to class will be counted as an unexcused absence.
- **Any unexcused absence during the data collection of any experiment will result in failure to receive credit for that lab report.**
- An absence will be excused *only* with a note from the Dean's office. You are responsible for any information you missed.

Lab Reports:

-All lab reports must be computer generated following the format presented in class (APA). Lab reports should be submitted on Sakai (Assignments). Students submitting reports late (**after the class session START on the due date** unless otherwise noted) will **lose 10% of the points for that report for each day it is late.**

Take-Home Quizzes:

Take-home quizzes will be based on the background readings for each of the 3 experiments. Students will identify key factors in each of the assigned readings, such as the hypothesis, methods, independent & dependent variables, and results. **Absolutely no late quizzes will be accepted.**

Take-Home Reading Q's:

Take-home reading questions will be based on the background readings for each of the 3 experiments. The purpose of for students to identify key pieces of information and conclusions that can be used to develop the introduction and/or discussion sections in their own lab reports. **Absolutely no late assignments will be accepted.**

Mistreating or mishandling of the rats will result in a dismissal from the class and an 'F'. There are no excuses and no exceptions.

Allocation of course points:	
Lab Report 1 – Results, Discussion, Citations only	**15**
Lab Report 2- Intro, Methods, Citations only	**15**
Lab Report 3- Full lab report	**30**
Take Home Quizzes	**15 (5 points each)**
Take Home Reading Q's	**15 (5 points each)**
Attendance/Participation	**10**

Course Schedule

Date:	Material Covered	Assignments **Due**
2/1 Week 1	-Course Introduction -Basic Science Terms -Introduction to Experiment 1 (Open Field) -OSHA surveys and eIACUC training	
2/8 Week 2	-Care and Handling of Lab Animals -APA/Scientific Writing -Data Collection: Experiment 1: Week 1 (Open Field)	-OSHA form submitted -eIACUC animal safety training completed
2/15 Week 3	-Review Exp. 1 Articles -Data Collection Experiment 1: Week 2 (Open Field)	Based on exp. 1 readings: -Take home quiz # 1 due -Take home reading q's #1 due
2/22 Week 4	-Review results and discussion writing -Review Results for Experiment 1 -Intro to Experiment 2 (STFP)	
3/1 Week 6	-Data Collection Experiment 2: Week 1 (STFP)	**-Lab report 1 due (results, discussion, citations)**
3/8 Week 6	-Data Collection Experiment 2: Week 2 (STFP)	
3/15 Week 7	-Review Exp 2 articles -Review Results for Experiment 2 -Review intro and methods writing	Based on exp. 2 readings: -Take home quiz # 2 due -Take home reading q's #2 due
3/22 Week 8	*****No Class*** (Spring Break)**	
3/29 Week 9	-Writing review - Introduction to Experiment 3 (Operant)	-**Lab Report 2 due (intro, methods, citations)**
4/5 Week 10	-Data Collection Experiment 3: Week 1 (Operant)	
4/12 Week 11	-Data Collection Experiment 3: Week 2 (Operant)	
4/19 Week 12	-Review Exp. 3 articles -Review Data for experiment 3	Based on exp. 3 readings: -Take home quiz # 3 due -Take home reading q's #3 due
4/26 Week 13	-In class writing workshop	
4/29 Week 14	**** NO CLASS****	**Lab Report 3 due: (intro, methods, results, discussion, citations)** *****BY MONDAY 4/29, 5PM***** **PLEASE NOTE UNIQUE DUE DATE & TIME**