

## LEARNING PROCESSES LAB

Section 04  
Spring 2020

**Class Location:** Busch Psychology, Room A361

**Meeting Time:** Wednesday 3:20-6:20 PM

**Instructor:** Marialaina Nissenbaum

**Email:** mn593@scarletmail.rutgers.edu

**Office Hours:** by appointment

**Required Text:** None, required readings will be posted on Canvas

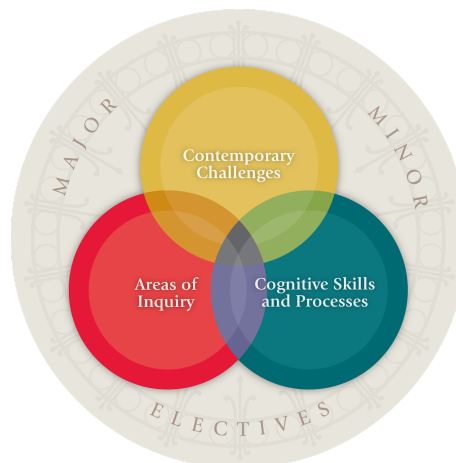
### CLASS OBJECTIVES:

Through the readings, experiments, and assignments it is expected that as a student you will:

- 1) Have a basic understanding of methods and techniques used in animal conditioning research,
- 2) Understand the procedures for collecting data in animal conditioning research,
- 3) Be able to use basic statistics and statistical software to analyze data,
- 4) Be able to interpret the results of the statistical analyses,
- 4) Produce an APA-style empirical paper.

Additionally, 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.



## COURSE REQUIREMENTS AND ASSIGNMENTS

- **Lab Reports:** All lab reports (drafts and final versions) must be typed and written in APA format. All lab reports should be submitted on Canvas (under the “Assignments” tab) as LastName.LabReport#. Reports are due at the beginning of the class time. If submitted after class starts on the due date, the student will lose 10% for each day late. Although the experiments are a group activity, the lab reports are an *individual* assignment. Should copying and turning in someone else’s work occur, both the student who copied the work and the student who gave the material to be copied will automatically receive a zero. Below is a basic breakdown of the structure of the lab reports, which we will go over in class.
  - Lab Report 1: Results, Discussion, Citations
  - Lab Report 2: Introduction, Method, Citations
  - Lab Report 3: Full Report

Resources for APA style writing:

[APA Style Index](#) is the home of APA formatting guides and tutorials, as well as the APA manual, copies of which can be found at the Rutgers library as well as for purchase from Barnes and Noble, Amazon, etc.

[Purdue OWL](#) provides general formatting guidelines and example papers.

[Rutgers Library](#) has style manuals, examples, video tutorials, and practice exercises to familiarize yourself with how to cite properly.

- **Readings:** Three articles will be provided as background information for each experiment. These will be available on Canvas. You are responsible for reading these articles before the lab.
- **Quizzes:** Quizzes will be held during the first 15-20 minutes of class. These quizzes will be based on the articles read for each experiment and the protocol for that day. If you are late on the day of a quiz, you will only be allotted the remaining time to complete the quiz. If you arrive after the quiz has finished, you will receive an automatic zero for that quiz.
- **Final Lab Report Draft:** You will have the opportunity to email a draft of your final lab report to me before the final due date (see calendar). In order to receive feedback, the draft must be typed, APA style, and include specific questions/comments for me to review.

**Grading:** The maximum total is 100 points.

Assignment	Maximum Points
Lab Report 1	15
Lab Report 2	15
Lab Report 3	30
6 Quizzes	30 (5 points each)
Attendance	10

### **CLASS POLICIES:**

- **Academic Integrity:** You are required to abide by the Rutgers policy on academic integrity; please familiarize yourself with this policy. Plagiarism is a violation of academic integrity. Lab reports will be screened for plagiarism. If you plagiarize your lab report, you will be reported to the Rutgers academic counsel as well as receive zero for that lab report. <http://academicintegrity.rutgers.edu/>
- **Attendance/Participation:** It is expected that you will attend all lab meetings, arrive on time, and complete all assignments. Everyone will start with 10 attendance points (~1 point per class). Unexcused absences will receive a deduction of 1 point; arriving late >20 minutes will result in a .5 deduction. Arriving more than 30 minutes late will count as an unexcused absence. As the lab reports are dependent on the experiments in class, an unexcused absence during the data collection period will result in a zero for that lab report. An absence will only be excused with a note from the Dean's office or at the discretion of the instructor. Students who miss a lab should consult with a fellow class member to obtain missed material.
- **Late Policy for Assignments:** Assignments turned in late will lose 10% for each day late. You will have plenty of time to work on your assignments, so don't wait until the last minute.
- **Laptops/Cell Phones:** Please silence or set the "vibrate" setting on your cell phones prior to class. Texting or taking photos/videos with your phone during class will not be tolerated. No laptops are permitted unless otherwise specified by the instructor, as they can be distracting to both the student using it, and those around them.
- **Animal Handling:** Mistreating or mishandling the rats will result in dismissal from the class and an F. There are no excuses or exceptions.
- **Grading Questions:** After a grade has been posted to Canvas, you have 7 days to submit in writing a question/request to me via email.

**Note: Course content, calendar, and grading policies may be changed at the discretion of the instructor to accommodate class needs and/or special circumstances.**

	Topic	Assignments Due
1/29/2020 Week 1	Class Introduction, IACUC Introduction to Experiment 1 (Open Field) OSHA surveys and eIACUC training	
2/5/2020 Week 2	<b>Quiz 1</b> Experimental Design Care and Handling of Lab Rats APA and scientific writing  <b>Data collection Experiment 1: Week 1</b>	eIACUC training Read articles for Experiment 1
2/12/2020 Week 3	<b>Quiz 2</b> APA review Review Exp 1 articles  <b>Data collection Experiment 1: Week 2</b>	
2/19/2020 Week 4	Review of Experiment 1 Stats review Introduction to Experiment 2 (STFP)	
2/26/2020 Week 5	<b>Quiz 3</b>  <b>Data collection Experiment 2: Week 1</b>	<b>Lab Report 1 due by 3:20 PM</b> Read articles for Experiment 2
3/4/2020 Week 6	<b>Quiz 4</b> Review Exp 2 articles Introduction and Methods writing  <b>Data collection Experiment 2: Week 2</b>	
3/11/2020 Week 7	Review results for Experiment 2	
3/18/2020 Week 8	<b>NO CLASS - SPRING BREAK</b>	
3/25/2020 Week 9	Introduction to Experiment 3 (Operant)	<b>Lab Report 2 due by 3:20 PM</b>
4/1/2020 Week 10	<b>Quiz 5</b> <b>Data collection Experiment 3: Week 1</b>	Read articles for Experiment 3
4/8/2020 Week 11	<b>Quiz 6</b> Review Exp 3 articles <b>Data collection Experiment 3: Week 2</b>	
4/15/2020 Week 12	Review Data for Experiment 3	
4/22/2020 Week 13	Review/Wrap Up Writing Workshop	Draft of Lab Report 3 due by 3:20PM
4/29/2020 Week 14	NO CLASS Have a great summer!!	Lab Report 3 due by <b>4/27/2020 at 5:00pm</b>