

LEARNING PROCESSES LAB

Section 05

Fall 2021

Class Location: Synchronous Remote

Meeting Time: Friday 1:00-4:00 PM EST via Zoom

Instructors:

Marialaina Nissenbaum

Email: mn593@scarletmail.rutgers.edu or Canvas Inbox

Office Hours: after class or by appointment

Shayna O'Connor

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Office Hours: after class or by appointment

Faculty Coordinator: Dr. Mimi Phan (mphan@scarletmail.rutgers.edu)

Faculty Supervisor: Dr. Kasia M. Bieszczad (kasia.bie@rutgers.edu)

Required Text: Required readings will be posted on Canvas throughout the semester

Technology and Software Requirements:

Software:

Rutgers Box account: <https://box.rutgers.edu>

Rutgers Zoom Account: <https://it.rutgers.edu/zoom>

Technology:

Computer: Laptop or desktop computer. A tablet may be used in some cases.

Internet connectivity: preferably a high-speed connection. You may also use a wireless hotspot through your mobile provider.

Microphone: This may be built into your device, but an external microphone or headset may provide better sound.

Webcam (optional): Many computers have one built in, but you can easily connect an external USB camera.

Learning remotely presents new challenges. For assistance with learning how to address these challenges, please consult the resources available here: https://rlc.rutgers.edu/remote_instruction

Please visit the [Rutgers Student Tech Guide](#) page for resources available to all students. If you do not have the appropriate technology for financial reasons, please email Dean of Students deanofstudents@echo.rutgers.edu for assistance. If you are facing other financial hardships, please visit the Office of Financial Aid at <https://financialaid.rutgers.edu/>.

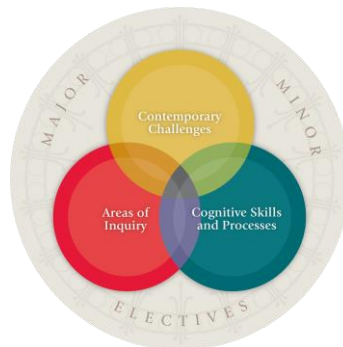
Learning Goals:

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.



The Division of Student Affairs Diversity & Inclusion Statement

Excerpted (<http://inclusion.rutgers.edu/>):

“The Division of Student Affairs works to create an environment of inclusion which respects and affirms the inherent dignity, value, and uniqueness of all individuals, communities and perspectives. Our practices reflect awareness and understanding of the complexity of identity and the increasing interconnectedness of our world. It is our responsibility to promote and maintain a community of compassion, embracing the rich dimensions of diversity, and facilitating opportunities for understanding and the expression of both individual and shared truths.”

Current Academic Integrity Policy

Overview: Rutgers University takes academic dishonesty very seriously. By enrolling in this course, you assume responsibility for familiarizing yourself with the Academic Integrity Policy and the possible penalties (including suspension and expulsion) for violating the policy. As per the policy, all suspected violations will be reported to the Office of Student Conduct. Academic dishonesty includes (but is not limited to):

- Cheating
- Plagiarism
- Aiding others in committing a violation or allowing others to use your work
- Failure to cite sources correctly

- Fabrication
- Using another person's ideas or words without attribution—re-using a previous assignment
- Unauthorized collaboration
- Sabotaging another student's work in doubt, please consult the instructor

Summary: <http://nbacademicintegrity.rutgers.edu/home-2/academic-integrity-policy/> / Resources for Students: <http://nbacademicintegrity.rutgers.edu/home-2/for-students/>

Honor Pledge

All students will need to sign the Rutgers Honors Pledge on every major exam, assignment, or other assessment as follows:

On my honor, I have neither received nor given any unauthorized assistance on this examination/assignment.

Attendance Policy and Late/Missed Work

Absence Reporting: Students are expected to attend all lab class meetings synchronously; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to your TA.

To maximize your learning potential in a lab course, your “virtual” attendance each and every week is critical. Every class meeting builds up to the lab reports you will be writing throughout the semester, which will report on data that YOU collect in class. Data collection will be done within small groups that consist of your lab team/group members.

Participation Policy: Since your lab group works together to collect and organize the data for each experiment, participation matters and will play a role in determining your final report grade.

On data collection days, each lab group member will evaluate your effort working in the team on a scale of 0 to 5 (0 being no effort, 5 being ideal effort) in 3 categories: (1) Did you attend for the entire data collection period? (2) Did you communicate with the group for the entire data collection session?, and (3) Did you satisfactorily complete your assigned role in data collection? Completion of these peer group evaluations is a valuable tool in collaborative work and will be counted as part of your final grade.

Policy on missed labs: You must complete all work for the labs (data scoring) to earn full points for the lab reports. If you are absent on a data collection day, please contact me to make arrangements to make up the work. Failure to make up the work within 2 weeks will result in 50% reduction in lab report score.

Policy on late assignments: There will be a 10% point reduction for each day an assignment is late.

Policy for chronic absences: After 2 unexcused absences, I will contact the Dean of Students. If you have extenuating circumstances that prevent you from attending class, please get in touch with me as soon as possible.

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.

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 20-30 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.
- **Peer Group Evaluation:** You will rate your lab partner(s) for effort extended in the group data collection exercises.
- **Peer Lab Report Review:** You will submit a draft of your final lab report to be reviewed by a classmate and conduct a peer review for a classmate. To earn full points, you must both submit your draft, and complete your review of a draft on time.
- **Paper Presentation:** Throughout the semester, you will be expected to read several academic papers to support the concepts and experiments in the course. Each student will choose a paper from the assigned reading and present a summary and critical reflection to the class via Zoom for approximately 10 minutes. Two (2) points of the presentation grade will be for engaging in OTHER students’ presentations with thoughtful questions/comments throughout the semester. Eight (8) points will be based on content

and preparedness. You must provide me with your slides prior to class!

Grading: The maximum total is 100 points.

Assignment	Maximum Points
Lab Report 1 (Experiment 1): Intro, Methods, Citations only	15
Lab Report 2 (Experiment 2): Results, Discussion, Citations only	15
Lab Report 3 (Experiment 3): Full lab report	30
3 Quizzes	15 (5pt each)
Peer Group Evaluation	10
Peer Lab Report Review	5
Paper Presentation	10

Grading Rubric: Rutgers Letter Grade scheme as follows:

A	100 % to 89.5%
B+	< 89.5 % to 84.5%
B	< 84.5% to 79.5%
C+	< 79.5 % to 74.5%
C	< 74.5 % to 69.5%
D	< 69.5 % to 59.5%
F	< 59.5 % to 0%

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 BEFORE class	Assignments due AFTER class
9/3	** NO CLASS **		
9/10	** NO CLASS **		
9/17	**FIRST CLASS** (1) Class introduction (2) Animal use in research		
9/24	(1) Intro to writing (2) Measuring baseline behaviors Data collection Experiment 0		Team evaluation 0
10/1	(1) Review of Exp 0 data (2) Habituation intro /background Data collection Experiment 1		Team evaluation 1
10/8	(1) Review of Exp 1 Data (2) Writing review (intro, methods)	Quiz 1	
10/15	(1) Intro to Exp 2: CPP, context-reward learning Data collection for Experiment 2, part 1	Lab report 1 (Exp 1) Intro, methods, citations ONLY Due by 1:00 PM EST	Team evaluation 2.1
10/22	(1) CPP reading review Data collection for Experiment 2, part 2		Team evaluation 2.2
10/29	(1) Intro to Operant Conditioning Data collection for Experiment 3, part 1	Quiz 2	Team evaluation 3.1
11/5	(1) Intro to extinction (2) Reading review Data collection for Experiment 3, part 2		Team evaluation 3.2
11/12	(1) Experiment 3 recap (2) Data analysis of shaping and extinction	Lab report 2 (Exp 2) Results, discussion, citations ONLY Due by 1:00 PM EST	
11/19	Integration and overview of extinction and recovery processes between Experiments 2 and 3	Quiz 3	
11/26	** THANKSGIVING BREAK **		
12/3	Review/Wrap Up Writing Workshop	Lab Report 3 DRAFT	Submit peer review
*** FINAL: Lab report 3 due Friday December 10, 11:59 PM EST ***			

Student-Wellness Services: All of these services are being provided remotely and in person during Fall 2021.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/

<http://health.rutgers.edu/medical-counseling-services/counseling/>

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professionals within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community, and consultation and collaboration with campus partners.

Crisis Intervention : <http://health.rutgers.edu/medical-counseling-services/counseling/crisis-intervention/>

Report a Concern: <http://health.rutgers.edu/do-something-to-help/>

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation:

<http://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at:

<https://ods.rutgers.edu/students/registration-form>.