

**ANBI 148: Primate Behavioral Ecology**  
***“Not by genes alone: evolution, behavior, and ecology”***

HHS 1305 MWF 12:00-12:50 pm, Fall 2017

Professor: Dr. Marni LaFleur

Email: [marni.lafleur@gmail.com](mailto:marni.lafleur@gmail.com), [mlafleur@ucsd.edu](mailto:mlafleur@ucsd.edu)

Office: Social Sciences Building 297; Office hours: M/W 1:30-3:00 pm

Final Exam, December 14, 11:30-2:29 pm

**Please note:** some aspects of the syllabus may change as the term progresses.

Course Description: The course examines various behaviors (e.g., group formation, dispersal, parenting, coalition formation) from a comparative and evolutionary perspective. Observational methodology and analytical methods will also be discussed. Attendance in lab sections is required. Prerequisites: upper-division standing.

“Lab” requirement

Part of this course includes conducting behavioral observations of the primates at the San Diego Zoo. For this you need to purchase an “annual pass” and there are a couple of options for how to do this. If you purchase the ‘one adult’ annual pass, do this in person (not online) and show your student ID to get the 10% discount. This way the pass will cost \$111 (less 10%). Alternatively, you can buddy up with a class mate and purchase a ‘two adults same household’ pass. You cannot get the student discount for this one and have to say that you live at the same address. The cost for this is \$166.50 (but you split the cost between two people). You can purchase this online or in-person.



Remember to take current student ID and proof of residence in zip codes 91900-92899 in order to purchase the pass.

If purchasing the pass presents a significant financial hardship for you, please come talk to me or send me a message.

I will post course information, news and announcements on <https://tritonED.ucsd.edu/>. All of my powerpoint slides will be available, and there will also be podcasts of the lectures.

Textbooks:

Since you have to purchase the Zoo pass, I have not assigned a textbook to purchase. I will make readings available on tritonED or provide links to content.

## **Classroom behavior:**

### Electronic etiquette policy

Please do not use electronic devices during class. In order to encourage you to do so, I have allocated a component of your grade to surrendering your cell phone during class. If you have a disability that requires you to use an electronic device in class, please come talk to me or email me about accommodations.



### Coming into and leaving class

Please try to be on time. If you can't be at class when it starts, please come in quietly and try not to be disruptive. Also, PLEASE try not to start rustling around and packing up before class is over. This drives me bonkers. In return, I promise not to hold you captive or go overtime. Ever.

### Academic Integrity

The office of Academic Integrity provides guidance for students and faculty (<https://students.ucsd.edu/academics/academic-integrity/index.html>). In order to avoid lengthy sanctions with the office of Academic Integrity, please just hand in original work with appropriate citations for your term project and use no aids during examinations (i.e. notes, your neighbor's exam, your cell phone, etc).

### Students with disabilities

I will happily make accommodations for students with documented disabilities. Please come see me if you need something.

### Students with athletic commitments

Please give me your schedules as soon as possible. I am happy to accommodate, so please provide documentation.

### Discussion of grades or scores

PLEASE NOTE: I will not in any way discuss your exam or project *scores* on the same day that I hand them back to you. If you have questions or concerns regarding your scores, please 1) leave class, 2) read over any comments I've written on your materials, 3) wait 24 hours, and 4) send me an email outlining your question/concern. After this, we can arrange to meet and discuss your scores. I generally write many comments when I return assignments, so you need time to read these over and think about what I've said before we can discuss anything.

### Don't forget, I CAN help you!

Finally, I want you to do well in my class! If I can help you throughout the term, please ask or let me know what's up, in advance. I'll do my best to accommodate, but can't help if you don't talk to me or give me time to problem solve.

## **Grades**

### In-class assignments (10%)

Throughout the term, I will ask you to complete short assignments in-class (or at the Zoo), generally with your classmates. These will be completed during class time and cannot be made up if you are late or don't attend.

### Attendance (including being on time) and surrendering your cell phone during class (5%)

We will have 23 classes where you have the opportunity to 1) attend, 2) arrive on time, and 3) surrender your cell phone during class. I will give you a card that you can put your name on and then place your cell phone on, on top of the table in the front of class. For each time that you arrive before lecture begins, surrender your phone and stay until lecture ends, I will initial your card. At the end of term, you will hand in your card. Your score will be based on the number of times you receive my initials in relation to the number of classes there were. Sorry, but if you are late or leave early, you cannot get credit. Please note that even if you choose not to surrender your phone during class, you may not use your phone or other electronic devices when in class (unless there are extenuating circumstances that you have cleared with me).

### Reading Quizzes (8) (8%)

On Mondays (and two Wednesdays), there will be a short reading quiz in the first 5 minutes of class. These won't be difficult, but rather are meant to motivate you to keep up with the readings. If you are late to class, sorry, but you missed the quiz and cannot make it up. If there is a scheduled quiz, but I don't actually give you one (this happens from time to time), you get full points for the quiz.

### Midterm test (Monday October 30)(20%)

The midterm will be a mix of multiple choice, true/false, fill in the blank and short answer questions. I will use class slides and assigned readings to formulate questions. You must write the midterm exam in order to complete the course requirements.

### Group research project (proposal (5%), data collection and analyses (15%), presentation (10%)) (30%)

For your research project, you will work in groups of 4 to design a primate specific study, collect data (at the San Diego Zoo), analyze your combined data, and present your findings to the class. This project will be a significant amount of work. Each person will need to contribute 10 hours of observational data (that is 10 hours of data, not just 10 hours at the Zoo), collected during at least five different sessions, to the project. We will discuss methods in Week 3 of class and you must have a topic submitted by Sunday October 22<sup>nd</sup> (5 pm), although you can discuss your ideas with me at any time. I will review and return your proposals within a week of submission. Some proposals may require significant revisions, especially if this is your first time proposing a project like this. All group members will receive the same scores, unless otherwise noted. You must complete the group research project in order to complete the course requirements.

Individual peer reviews (2%)

During week 9, when we have student presentations based on the group projects. I will ask you to review some of the presentations of your peers. You will need to attend all presentations and thoughtfully complete your reviews, in order to get full points. Once the schedule is set, I will make assignments and provide you with review criteria.

Final Exam (Friday December 14, 11:30-2:29 pm)(25%)

Your final exam will be cumulative, but geared towards the content covered after the first term test. The exam will be similar in length and style to the midterm test. You must write the final exam in order to complete the class. If you score better on the final exam than the midterm, I will replace your midterm score with that of the final.

**Adding late:** please note that if you add or join the course late, you cannot make-up for the content that you have missed.

WEEK 0

Topics. Syllabus

Readings. None.

Sept 29. Syllabus and introductions.

WEEK 1

Topics: Introduction to Primate Studies; Traits, trends and Taxonomy; Conservation Introduction

Readings: Strier Chapter 1-2

Oct 2 Reading quiz (1), Introduction to primatology

Oct 4 Traits and trends

Oct 6 Conservation Introduction

WEEK 2

Topics: Measuring behavior

Readings: Martin and Bateson Chapters 3, and 5.

Oct 9 Reading quiz (2), Methods in animal behavior

Oct 11 Research design

Oct 13 NO CLASS.

Scavenger “hunt” at the SDZ! I will be away on Oct 13, but would like for you to get to know your research group and the Zoo during this time, so that you can see some of the primate species present and start to formulate ideas and hypotheses for your group research project. I will post the assignment after class on Wed Oct 11, and you have until the start of class on Monday Oct 16 to complete it. Please complete the assignment as a group.

### WEEK 3

Topics: Strepsirhines, Tarsiers

Readings: Wikipedia entries for Strepsirrhini (<https://en.wikipedia.org/wiki/Strepsirrhini>) and Tarsier (<https://en.wikipedia.org/wiki/Tarsier>)

Oct 16 Scavenger hunt assignment due. Reading quiz (3); Strepsirhines

Oct 18 Strepsirhines 2

Oct 20 Tarsiers

NOTE: RESEARCH PROPOSAL DUE Sunday Oct 22 by 5 pm.

### WEEK 4

Topics: Monkeys

Readings: Wikipedia entry for Haplorhini (<https://en.wikipedia.org/wiki/Haplorhini>), New World Monkeys ([https://en.wikipedia.org/wiki/New\\_World\\_monkey](https://en.wikipedia.org/wiki/New_World_monkey)), and Old World Monkeys ([https://en.wikipedia.org/wiki/Old\\_World\\_monkey](https://en.wikipedia.org/wiki/Old_World_monkey)).

Oct 23 Reading quiz (4), NWM

Oct 25 NWM 2, OWM

Oct 27 OWM 2

### WEEK 5

Topics: Midterm, Apes

Readings: Wikipedia entry for apes (<https://en.wikipedia.org/wiki/Ape>)

Oct 30 Midterm Exam

Nov 1 Reading quiz (5), Apes 1

Nov 3 NO CLASS

### WEEK 6

NO CLASS ALL WEEK. Please use this time to collect data for your group term project. Note that UCSD will be closed on Friday November 10, to observe Veteran's Day.

### WEEK 7

Topics: Apes, food and feeding

Readings: Strier Chapter 6: Food Foraging and Females

Nov 13 Apes 2

Nov 15 Reading quiz (6), food and feeding

Nov 17 food and feeding

### Week 8

Topics Communication and cognition

Readings: Strier Chapter 10; Communication and Cognition

Nov 20 Reading quiz (7); Communication and Cognition

Nov 22 Communication and Cognition, cont.

Nov 24 NO CLASS. Thanksgiving.

NOTE term project files are due on Sunday Nov 26 at 5 pm.

## WEEK 9

Topics: Student term projects

Readings: None

Nov 27 Student presentations

Nov 29 Student presentations

Dec 1 Student presentations

Note: You need to attend all three days of student presentations. You need to submit your group's excel file (uploaded to Google Sheets) and presentation (uploaded to Google Slides), and share files with marni.lafleur@gmail.com (if you send it to my @ucsd email I won't be able to see the file). Please use the same file naming criteria that you used to submit your proposal.

## WEEK 10

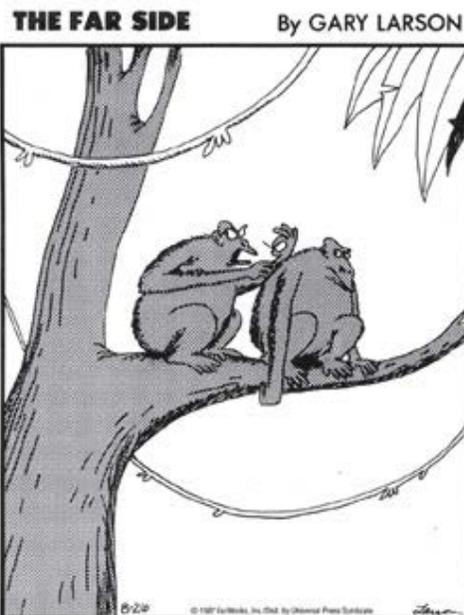
Topics: Conservation

Readings: Estrada et al. 2017; Nekaris et al., 2015

Dec 4 Reading Quiz (8); Conservation

Dec 6 Conservation, cont.

Dec 8 Conservation and wrap-up.



"Well, well — another blond hair. ...  
Conducting a little more 'research'  
with that Jane Goodall tramp?"