

BSC 4933 | Parasitology Lab, Fall 2011**INSTRUCTOR**

Dr. Marc Lajeunesse (said LA-JE-NESS)
Department of Integrative Biology
 Email: lajeunesse@usf.edu, Office: SCA 306
 Office Hours: Monday 11:00 to 12:00, or by appointment

TEACHING ASSISTANT

Patrick Stanley, Email: pdstanley@mail.usf.edu
 Office: SCA 224, Office Hours: Friday 3:00 to 4:00pm, or by appointment

TEXTBOOK

There is no textbook for the lab. However, before each lab you will be given a copy of the day's exercise. This exercise will need to be completed and returned to the instructors on that lab day.

LAB MATERIAL

You will not need anything for the lab, everything will be supplied. We will sometimes use the Blackboard system (<https://my.usf.edu/>) to release prep material (if required) before each week's lab. **You must consult this weekly** to keep track of any new lab material or handouts.

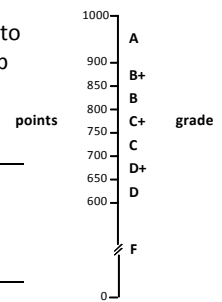
LAB OVERVIEW

The purpose of this lab is to become familiar with common parasites of humans and wildlife and their life cycles. The majority of exercises will involve microscope work; however, you will also learn basic dissection techniques to extract parasites from animals, and other common lab skills used in parasitology.

ATTENDANCE. Attendance is mandatory, and each lab will have an exercise to complete and return before the lab ends (4:45pm). If you have any conflicts, please notify the instructors at least one week prior to this conflict; we may be able to reschedule your lab at another time.

GRADES. There will be a total of 1000 points available (see final grade markup to the right) in the form of participation, lab exercises, and a term paper. These are assigned as:

assignment	points
10 in-lab exercises	500
participation	100
presentation	100
term paper	300
total	1000

**TENTATIVE LAB SCHEDULE (lab times: W 2:00-4:45pm, room: ISA 3062)**

DATE	TOPIC
week 1 (Aug. 31)	Microscopy and Introduction to Trematodes
week 2 (Sept. 7)	Introduction to Cestodes
week 3 (Sept 14)	Field Parasitology: What can we find in USF's EcoArea?
week 4 (Sept 21)	Protozoa I: Introduction to Gregarines and Dissection of Earthworms and Beetles
week 5 (Oct 5)	Protozoa II: Malaria and Other Human Diseases
week 6 (Oct 12)	Introduction to Parasitic Arthropods
week 7 (Oct 19)	Introduction to Parasitic Nematodes
week 8 (Oct 26)	Introduction to Parasitoids: Jewel wasps and their fly hosts
week 9 (Nov 2)	Introduction to the Parasites of Fish: Let's go fishing!
week 10 (Nov 9)	Fecal Floats and Gut Parasites of Vertebrates
week 11 (Nov 16)	Short Presentations on Your Favorite Parasite!
week 12 (Nov 23)	No class, Thanksgiving
week 13 (Nov 30)	Road Kill Dissection Extravaganza (TERM PAPER DUE!)

TERM PAPER AND PRESENTATION. You will have a small presentation (10 minutes) on November 16th and a term paper due on the last day of labs this fall (Nov. 30). Both the presentation and paper will be based on the same topic. You are not allowed to work in groups for these assignments. This term paper will be between 17-20 pages long, double spaced and will follow the *Parasitology* manuscript format (see http://assets.cambridge.org/PAR/PAR_ifc.pdf). Further details on potential topics for your paper and presentation will be discussed on October 12th.