Interdisciplinary Affective Science Laboratory
PSYC 4624 Lab in Affective Science (4 SH)
020 Nightingale Hall
Office Hours: By Appointment

Instructor of Record: Dr. Lisa Feldman Barrett
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Email: L.Barrett@neu.edu
Lab coordinator: Maddy Devlin
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Requirements: Students are expected to contribute a MINIMUM of 10 hours of work per week to lab activities, plus attend their weekly research team meetings and complete their weekly module assignments. Module assignments will replace the traditional lecture format and will involve independent learning by students on a given subject each week. Materials on the subject will be provided.

Team leads (who can be graduate students, postdoctoral fellows or full-time research staff) will arrange team-meeting times. If you are unable to make a meeting, you must contact your team lead in advance. You are responsible for any information covered in scheduled meetings.

If you have not already done so, you will also be required to fulfill NIH Human Subjects training for Northeastern University as laid out on the Institutional Review Board’s website. You must complete the Protecting Human Research Participants in full before you can work with participants or data.

Writing Assignment: You will complete a poster and research report, supervised by your team leads. Both of these assignments will be completed in groups. The poster will reflect findings from research conducted within your team, and the corresponding research report will be a translation of this poster into a formal lab report with full sentences and paragraphs. You will have the opportunity to present your posters at an in-lab poster session. All research must be presented and written in APA format.
Grades: Your grade will be determined by (1) your motivation and intellectual contribution to the scientific work on your research team (including active participation in discussions); (2) your conscientiousness in research activities, including completing work on time and completing all assigned modules and readings; and (3) your poster and research report. Failure to complete readings and participate in discussion will be reflected negatively in your grade.

A above expectations. An A is reserved for exemplary work

A- meets expectations with consistency

B/B- meets expectations but not consistently. You should speak to your team lead for feedback on how to improve

C through F failed to meet above expectations. You will not be invited to remain in the lab

Important Dates

Week 1 (9/8) Dr. Barrett/Dr. Quigley
Conceptual Overview/Lab manual/expectations/ethics

Week 12 (11/24) Thanksgiving (no class)

Week 13 (12/1) Oral Presentations: Practice Poster Presentations (rough draft of poster due); Writing assignment due

Week 14 (12/8) IASLab poster presentations, Curry Student Center

Schedule of Modules:

Week 2 (9/15) How to conduct a literature search
Read Cook et al. 2014, BBS. Mirror neurons: From origin to function. *Focus on pages 1-16 (primary paper), and the rest are commentaries made on the primary paper*

**Week 3 (9/22)**  
**How to read a research paper**  
Read Anderson, Siegel, White, & Barrett, 2012

**Week 4 (9/29)**  
**How to conduct research: best practices**

**Week 5 (10/6)**  
**Research Methods and Design**

**Week 6 (10/13)**  
**Introduction to research posters**  
**How to write the introduction section**

**Week 7 (10/20)**  
**How to write the methods section (draft of abstract and introduction of poster due)**

**Week 8 (10/27)**  
**Data analysis/Statistics workshop 1**

**Week 9 (11/3)**  
**Data analysis/Statistics workshop 2 (draft of methods section due)**

**Week 10 (11/10)**  
**Visualizing data**

**Week 11 (11/17)**  
**How to write the discussion section of a poster**  
**How to present a poster (draft of results section due)**

**Online Resources:**


IASLab Webste  [http://www.affective-science.org/](http://www.affective-science.org/)