Psy 211: Learning Lab  for WINTER 2014

Instructor: Julie Neiworth
Office: Olin 113
Phone: x4372, x4504
Lab assistant:

Lab Meets in Hulings 12

Be on time to lab. We must discuss work as a group before you begin on your group projects.

Also, you should have read the portion of the lab manual pertaining to the group assignment before lab meets.

Office Hours: see 210 listings, and last 30 minutes of each lab class.

Required Text: Please purchase the lab manual from the psych office, Olin 115. Cost is 5$.

Required: Please read the animal care and use training guide online at: https://apps.carleton.edu/curricular/psyc/AnimalCare/ and include species-specific training: pigeons. Login and password obtained in laboratory class to enter that part of training.

Supplementary Text: APA manual, 6th edition [on reserve in Psych Office]

Week 1: Jan 7th – 9th

Second Session: (Thursday) Pigeon habituation to exp chamber. Magazine Training [Exercise 1 in Lab Manual.]

Week 2: Jan 14-16
First Session: (Tuesday) Magazine Training [Exercise 1 handout.] Shape pigeon to respond. [Exersie 1/2.]

Second Session: (Thurs) Morning lab ends at 11:00 am. Finish Shaping. [Exercise ½]

Week 3: Jan 21-23
First Session: (Tues) Start CRF-EXT(cycle 1 completed) [Exercise 2.]

Week 4: Jan 28-30
First Session: Canceled.
Second Session: (Thurs) FR-EXT experiment. [Exercise 3]

Week 5: Feb 4 - 6
First Session: (Tues) FI-EXT experiment [Exercise 4.]
Second Session: (Thurs) Nondifferential training [preliminary to Exercise 5].

Methods and Results ON FR/FI comparison due one week following completion of 2nd experiment [typically Tues, Feb 11].

Midterm break: Sat, Feb 8 – Mon Feb 10 -- I'll feed birds for you!

Week 6: Feb 11-13
First Session: (Tues) – Differential Training [Exercise 5]
               Lab Report: FR/FI potentially due here (methods and results only).
Second Session: (Thurs) -- Differential training, if DR not equal or greater than 80%.
                Generalization testing [either inhibitory or excitatory].

Week 7: Feb 18-20
First Session: Generalization testing [either inhibitory or excitatory]. Graphing data from generalization test.
Second Session: Decide on Independent Projects in lab class, with Julie.

Lab manual due to Julie by end of day today, Thurs, Feb 20th.

Week 8: Feb 25-27 AND
Week 9: March 4 - 6
Independent projects conducted in a 2-week period. Use lab times, or sign up with Julie for times outside of lab. Latest time is 7-8 pm. Pigeons sleep by 8:30 pm each night.

Week 10: March 11
Help Session: Group Posters, during normal lab times. Posters need to be printed by Wednesday, 4:00 pm to be in poster session.

Thursday, March 13, 12:30 – 2:00 pm, Poster Session, in lieu of Lab Exam.
Food, monkey tours, poster work: Hulings Atrium Space.

Independent project papers due on Monday March 17, by 4:00 pm.

GRADING – remember though, it's a 2-credit class:
<table>
<thead>
<tr>
<th>Assignment</th>
<th>Percentage</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>FR/FI methods/results (individual)</td>
<td>25%</td>
<td>Feb 11</td>
</tr>
<tr>
<td>Lab manual (individual)</td>
<td>10%</td>
<td>Feb 20th</td>
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<tr>
<td>Poster presentation (group)</td>
<td>25%</td>
<td>March 13</td>
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<tr>
<td>Independent project paper (individual)</td>
<td>40%</td>
<td>March 17</td>
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All written assignments [lab manual, FR/FI paper, independent project paper] must be done independently and individually. Each student will hand in an original paper, and his/her own lab manual. Data will be shared within groups, but the answering of questions in the lab manual, and the phrasing of information in the papers should be unique to each student.

The only group assignment is the poster, and for that the group should meet to select graphs, pictures, text and titles to design it. Each member of the group is responsible to defend and explain the poster during the poster session.