This class will introduce concepts in neuroendocrinology in order for students to gain a basic understanding in Background Lectures. Current Literature Review will update and expand on these lectures and will emphasize methods and new directions of research. Class Discussions will focus on 3-4 thought questions, assigned by the instructor, to elicit ideas for Student Presentations. Student Presentations will be 10-15 minute Powerpoints or discussions of recent review articles which are of particular interest to individual students.

Class Schedule
1. Introduction to Neuroendocrinology
   Background Lectures January 27,29
   Current Literature Review February 3
   Class Discussions February 5
   Student Presentations February 10
2. Sex Hormones: Differentiation, Behavior, Reproduction
   Background Lectures February 12,17
   Current Literature Review February 19
   Class Discussions February 24
   Student Presentations February 26
3. Homeostasis: Stress, Appetite, Thermal, Thirst
   Background Lectures March 2,4
   Current Literature Review March 9
   Class Discussions March 11
   Student Presentations March 23
4. Rhythms, Development and Aging
   Background Lectures March 25,30
   Current Literature Review April 1
   Class Discussions April 6
   Student Presentations April 8
5. Behavioral Neuroendocrinology and Pharmacology
   Background Lectures April 15, 20
   Current Literature Review April 22
   Class Discussions April 27
   Student Presentations April 29

Background Lectures: Powerpoint presentations introducing background information. Students will be provided presentations ahead of time and should be prepared to discuss.

Current Literature Review: 2-3 recent publications will be assigned, and students must be prepared to discuss. Class Participation Credits: 25% of grade.

Class Discussions: Students must be prepared to discuss questions and identify gaps in knowledge which can be used in Student Presentations. Class Participation Credits: 25% of grade.

Student Presentations: These should be centered on each student's individual interests, ideally answering questions arising from previous classes. Presentation Credits: 50% of grade.