

NEU 200: Seminar in Neuroscience: The Neurological Basis of Behavior

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Class Time: Fridays 1:30-4:20 pm

Place: Martin Institute Room 205

Basic Description / Objective of Course:

NEU 200 is to be taken together with PSY 415B and LC 282A as the Neuroscience Learning Community. The two classroom-based courses are NEU 200 and PSY 415B. Both NEU 200 and PSY 415 B will both teach you about the structure and function of nervous system. While PSY 415 Brain and Behavior covers a wide spectrum of topics, and is taught by one instructor, NEU 200 covers a more selective set of topics, but is team-taught by two neurologists and two neuroscientists! A greater proportion of this course (NEU 200) will be devoted to clinical / applied topics. By the end of this sequence of courses, you should possess a relatively advanced understanding of the workings of the nervous system, in the normal state, as well as in various disease states, such as autism, Down's syndrome, and mental retardation As the semester unfolds, you should also be using and applying concepts and material from both NEU 200 and PSY 415 in your learning community experience at the House of Possibilities (HOPE) house.

Grading: Standard grading will be employed:
A 93.3-100%; A- 90.0-93.2%;
B+ 86.7-89.9%; B 83.3-86.6%; B- 80.0-83.2%;
C+ 76.7-79.9%; C 73.3-76.6%; C- 70.0-73.2%;
D 60.0-69.9%; F less than 59.9%.

Your letter grade will be based on three equally weighted exams (25% each), one homework assignment (5%), and two short written summaries/reviews of scientific journal articles (10% each).

Academic Dishonesty: All members of the Stonehill College community have the responsibility to be familiar with, to support, and to abide by the College's policy on academic honesty. This responsibility includes reporting known or suspected violations of this policy to the appropriate faculty member or to the Dean of Academic Administration's Office. Students caught cheating on an exam or plagiarizing another's work will be dealt with according to College regulations to the Student Handbook. Any plagiarized work will be assigned a grade of 0. Please consult your Handbook for examples of plagiarism.

Students with Disabilities: Stonehill College is committed to providing all students equal access to learning opportunities. The Office of Disability Services (ODS) is the campus office that works with students who have disabilities to provide and/or arrange reasonable accommodations. Students registered with the ODS and have a letter requesting accommodations, are encouraged to contact their professors early in the semester. Students who have, or think they may have, a disability (e.g. psychiatric, attentional, learning, vision, hearing, physical, or systemic), are invited to contact The Office of Disability Services for a confidential discussion at 508-565-1208.

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Tentative Schedule of Topics:

Lecturer	Topic	Date
Kristen DeSisto	HOPE House Intro; CORI forms	30-Aug
Dr. Adam Cohen	Imaging of the brain	6-Sep
Dr. Heather Yu	Electrophysiology Basics	13-Sep
Dr. Heather Yu	Cerebellar Purkinje Cells and behavior	27-Sep
Exam 1		4-Oct
Dr. Adam Cohen	Vision Part 1: cornea to retina	11-Oct
Dr. Justin Dore	Development of the Nervous System	18-Oct
Dr. Adam Cohen	Vision Part 2: optic nerve to brain	25-Oct
Dr. John McCoy	Emotion and the Limbic System	1-Nov
Exam 2		8-Nov
Dr. Adam Cohen	Brainstem	15-Nov
Dr. Dave Dawson	Autism, Down Syndrome, Schizophrenia	22-Nov
Dr. Dave Dawson	Autism, Down Syndrome, Schizophrenia	6-Dec
Final Exam		TBD

Other Important Dates:

September 20, 2013: Presidential Inauguration, no class

November 29, 2013: Thanksgiving Recess, no class

December 6, 2013: Last Class