BIONB 4110 – Neuroscience Journal Club for Undergraduates

Syllabus

Time and place: Monday 4:30 – 5:30 pm, W358 Mudd Hall

Instructor: Carl D. Hopkins, W263 Mudd Hall, cdh8@cornell.edu

Website: https://courses.cit.cornell.edu/bionb4110/

Undergraduate TAs:

Daniel Acker, dwa44@cornell.edu

Chong Guo, cg376@cornell.edu

Yan Ma, ym292@cornell.edu

Office Hours:

Monday 5:45 – 6:30 pm, W358 Mudd Hall

Description:

This Journal Club is intended for Biology undergraduates who wish to become familiar with the scientific literature in modern neurobiology and behavior by learning to read, analyze, understand, and present summaries of original research papers. Meetings will be held once per week during the regular academic semester. Participating students will select and prepare at least one oral review of a recent journal article and assist in leading a class discussion on the topic. Undergraduate TAs will be available to give advice and help with the selection and interpretation of papers. The subject matter will cover a diversity of fields: neuroscience, developmental neurobiology, sensory systems, behavioral genetics, cell and molecular neurobiology, behavioral ecology and ethology.

Recommended Journals:


Evaluation:

Grading will be S/U or Letter based on attendance, online quizzes and the completion of your assigned presentation. Presenters need to forward us their chosen paper and a list of questions one week in advance. A minimum of 10 out of 12 attendances and quiz completions are required to pass this course. Additionally you will receive feedback from your peers and the faculty guests who attended your presentation and Q&A. This is for your own learning and will not be used in your evaluation.