

Instructors: Dr. Jason Trageser – G79 UTL
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Office Hours: By appointment
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Lab Assistants:

Email address:

Text: **The Brain Atlas - A Visual Guide to the Human Central Nervous System**, Woolsey, T. et al., 3rd edition
Website: <https://blackboard.jhu.edu>

Date	TOPIC
5/31	Introduction Lab: Meninges, Blood Supply, Cranial Nerves and Skull
6/1	Lab: Vasculature External Structures & 3D Dissection
6/5	Lab: More 3D, Cerebellum, Ventricles and Brainstem
6/7	NO CLASS
6/8	Lab: Staining– Coronal, Horizontal, Sagittal and Oblique Sections
6/12	Anatomy Review Assignment
6/14	Lab Practical
6/15	Introduction: Behavior 101 & Electrophysiology 101 Lab: Labscribe, Noise, ECG/EKG & ANS Assignment
6/19	Lab: EEG, Sensory & Motor Behaviors, & Neuroprosthetics - Assignment
6/21	Introduction: Meet the Aplysia & Aplysia Behavior Lab: Dissection of Aplysia Assignment
6/22	Introduction: Intracellular Recording Lab: Intracellular Recording Set up and Desheathing Ganglion
6/26	Introduction: Intracellular Recording Lab: Membrane Potentials, Stimulating Neurons & Action Potentials Assignment
6/28	Introduction: Intracellular Recording Lab: Membrane Potentials, Stimulating Neurons & Action Potentials Assignment
6/29	Behavior & Physiology Exam

GRADING:

25% Anatomy Lab Practical
25% Behavior & Physiology Exam
10% Pre-Lab Exercises
30% Assignments
10% Attendance & Maintenance

JHU ETHICS STATEMENT:

The strength of the university depends on academic and personal integrity. In this course, you must be honest and truthful. Ethical violations include cheating on exams, plagiarism, reuse of assignments, improper use of the Internet and electronic devices, unauthorized collaboration, alteration of graded assignments, forgery and falsification, lying, facilitating academic dishonesty, and unfair competition.

Report any violations you witness to the instructor. You may consult the associate dean of students and/or the chairman of the Ethics Board beforehand. See the guide on "Academic Ethics for Undergraduates" and the Ethics Board web site (<http://ethics.jhu.edu>) for more information.