Home

The Neurological Bases of Human Behavior



Figure 1: "A GPS for your mind" (2023)

Themes

There is no more fascinating or challenging field of inquiry than the nature, origin, structure, and functioning of the human mind and the behavior it enables. This course will examine human mental states and observable behaviors from a biological basis, especially focusing on the evolution, development, structure, and functioning of the nervous system.

Instructor

Rick O. Gilmore, Ph.D. Professor of Psychology rog1 AT-SIGN psu PERIOD edu

Office hours

Tuesday & Thursday, 11:00a - 11:45a in 114 Moore or by appointment: https://doodle.com/mm/rickgilmore/book-a-time

Lab web site: https://gilmore-lab.github.io

Teaching Assistant

Katie Billedeaux Graduate Student in Developmental Psychology kab7845@psu.edu AT-SIGN psu PERIOD edu

Meetings by appointment

Meeting time & location

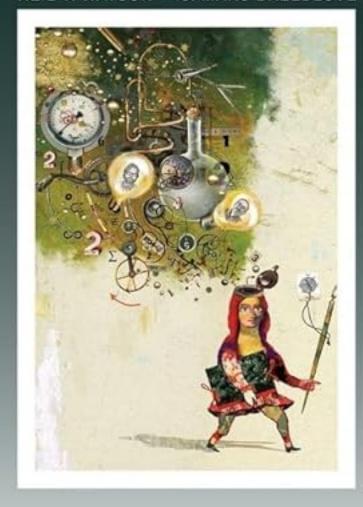
Tuesday & Thursday, 12:05p-1:20p 114 Steidle Building

Textbook

Watson, N.V. & Breedlove, S.M. (2024), The Mind's Machine: Foundations of Brain and Behavior (5th ed), PSU Bookstore Page

置MIND'S MACHINE FOUNDATIONS OF BRAIN AND BEHAVIOR FIFTH EDITION

NEIL V. WATSON . S. MARC BREEDLOVE



OXFORD

Canvas site

We will use Canvas to submit assignments and grade them. The Canvas site may be found here:

⚠ Under construction

This site is still a work-in-progress.

Most of the course content will be found on this site.

References

A GPS for your mind: Penn State Health's Brainlab surgical system helps teen recover from hemorrhage. (2023, October 30). Retrieved August 18, 2025, from https://pennstatehealthnews.org/2023/10/a-gps-for-your-mind-penn-state-healthsbrainlab-surgical-system-helps-teen-recover-from-hemorrhage/