

Home

The Neurological Bases of Human Behavior

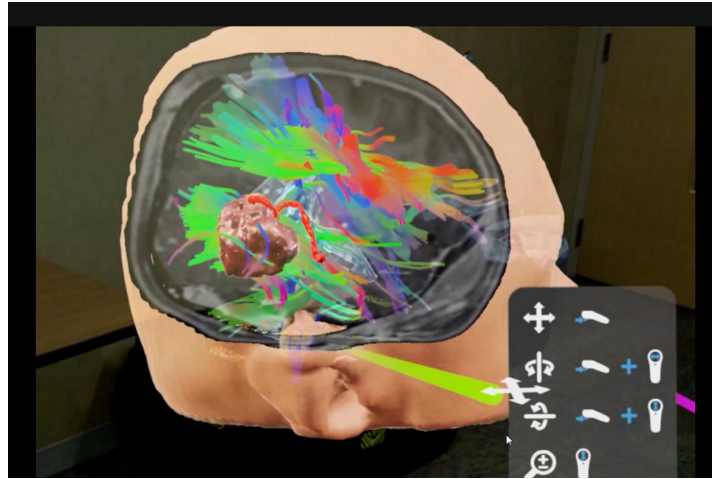


Figure 1: “A GPS for your mind” (2023)

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.
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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
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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](#)

THE 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:

<https://psu.instructure.com/courses/2415710>

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-healths-brainlab-surgical-system-helps-teen-recover-from-hemorrhage/>