

MAT/BIO 494: Data Analysis and Computation in Neuroscience



Biological and psychological data are messy. If you don't get a handle on it, you may find yourself trapped in the upside-down forever.



In this course, we explore neuroscience datasets from physiology, anatomy, and psychology, and learn how to extract, transform, and visualize these data to communicate with scientists, bosses, and the public. We will learn how to determine what the data are telling us, and just as importantly what they aren't.

Some of the work will involve running and even writing small computer programs, although no computer science prerequisites are required.

Spring 2019, M/W 10:45-12:00, ECG G221, Dr. Gerkin