Spring 2021
Class days & times: Mondays & Wednesdays, 12.30 - 1.45pm
Class location: 19 University Place, Room 102
Office hours: tbd

Instructor:
Justin Blau justin.blau@nyu.edu

Prerequisites:
MCB2 (BIOL-UA 22) or Human Physiology (BIOL-UH 2010)

Course description:
This seminar course will discuss the development and function of the nervous system, how it changes during plasticity, and how the nervous system generates behavior. We will discuss papers from the primary literature to learn modern experimental approaches to neurobiology, as well as how to develop new research ideas.

A broad exposure to current questions and in neurobiology, cellular and molecular neuroscience. Lectures are organized into three modules:
1. Control and development of neuronal cell form
2. Cell structure and function in the nervous system
3. Mechanisms underlying neural signaling and plasticity
4. Epigenetics in the nervous system