

**BIOL S-80. Neurobiology (CRN: 30017)**

*Shawn Murphy PhD, MD, Instructor in Medicine, Harvard Medical School*

An introduction to the organization and function of the nervous system. Topics to be covered include cell biology of neurons, physiology of excitable membranes and electrical signaling, neurotransmitters and neuropeptides, sensory systems, motor systems, developmental neurobiology, simple circuits, and behavior. Discussion of the molecular basis of neurodegenerative and neuropsychological disease.