HST.583

Functional Magnetic Resonance Imaging: Data Acquisition and Analysis

- Study cutting-edge methods for mapping human brain function, structure, and connectivity with the group that pioneered them
- Introduction to brain anatomy and vascular physiology, MRI physics, fMRI data analysis
- Special topic seminars on brain networks, neurovascular coupling, big data analysis, and more
- Hands-on lab sessions and data collection on the MRI scanners used by the Human Connectome Project

Mon 12:30-2:00pm & 3:00-4:00pm, Wed 2:00-4:00pm
Course directors: Sue Whitfield-Gabrieli (MIT), Jon Polimeni (MGH), Anastasia Yendiki (MGH)