

## Two-Year Fellowship in Clinical Neuroscience at Yale

### Sara S. Sparrow Fellowship in Clinical Neuroscience

#### AWARD DESCRIPTION

The Sara S. Sparrow Fellowship in Clinical Neuroscience seeks highly qualified college graduates to participate in cutting-edge clinical research on autism spectrum disorder in the McPartland Lab and the Yale Developmental Disabilities Clinic at the Yale Child Study Center. The Child Study Center is a leading institution for clinical research on autism and related disabilities, with a multidisciplinary approach spanning behavioral neuroscience, neuroimaging, genetics, and treatment. Successful applicants will be involved in a two-year program of training incorporating both clinical and research experiences, commencing on or before July 1, 2016.

The primary training experience will be in daily activities related to clinical neuroscience research. The fellowship's curriculum includes participation in a weekly seminar on autism taught by Drs. James McPartland and Fred Volkmar (1 semester), weekly rounds in the Yale Developmental Disabilities Clinic (year-long), biweekly autism lectures (year-long), weekly lab meetings (year-long), and other didactic experiences at the Yale Child Study Center. Fellows will gain experience working with infants, children, and adults with autism and their families, as well as individuals with other neurodevelopmental disorders and with typical development. Training and research opportunities include electrophysiological brain recording using electroencephalography (EEG) and event related potentials (ERP), eye tracking, administration of behavioral treatment for ASD, and clinical and diagnostic assessment, including participation on multidisciplinary clinical teams in the Developmental Disabilities Clinic. Through involvement with other laboratories, fellows will also gain exposure to studies utilizing complementary methods, such as functional magnetic resonance imaging (fMRI) and functional near-infrared spectroscopy (fNIRS). Fellows will gain experience and exposure to all aspects of clinical research, from recruiting participants to analyzing data and authoring manuscripts. Fellows will also be expected to submit their research for conference presentation and eventual publication. Successful applicants will be directly mentored by Dr. McPartland and be involved in a highly active and productive community of clinical research scientists at Yale and at collaborating groups in the United States and abroad.

To learn more and apply, visit: <http://medicine.yale.edu/lab/mcpartland/jobs/fellowship.aspx>