

Two-Year Fellowship in Translational Developmental Neuroscience at Yale

Post-Undergraduate Fellowship

The Yale Fellowship in Translational Developmental Neuroscience will select highly qualified college graduates to participate in cutting-edge clinical research on social cognition in children with autism at the Yale Child Study Center. The Yale Child Study Center is a leading institution for clinical research on autism and related social disabilities, with a multidisciplinary approach to autism research spanning projects in behavioral neuroscience, neuroimaging, molecular and population genetics, and treatment. Successful applicants will be involved in a 2-year program of training involving clinical and research experiences.

The training curriculum includes participation in an intensive summer training period in the field of autism clinical research, a weekly seminar on autism (1 semester), bi-weekly science meetings (year-long), weekly Child Neuroscience Laboratory meetings (year-long), and other didactic experiences at the Yale Child Study Center. The fellow will also be trained in an empirically-validated behavioral intervention for children with autism, Pivotal Response Treatment (PRT). The fellow will then be a primary PRT therapist for preschool-aged children with autism spectrum disorders, under the supervision and mentorship of a licensed psychologist.

Additional training experiences will be in daily activities related to functional neuroimaging research in high-risk infants and children with autism, including functional magnetic resonance imaging (fMRI), functional near infrared spectroscopy (fNIRS), and eye tracking. With research mentorship, selected applicants will be expected to guide a pre-determined project of research from the point of data collection through analysis and publication of results. The Fellowship will also provide additional funding (beyond the award amount) for participation in one international conference related to autism research per year. Successful applicants will be directly mentored by the program directors, and involved in a highly active and productive community of clinical research scientists.

To learn more and apply, visit: http://childstudycenter.yale.edu/ctdn/training/post_undergrad.aspx