



HARVARD MEDICAL SCHOOL  
TEACHING HOSPITAL

## The Faja Lab

The Faja Lab within the Labs of Cognitive Neuroscience at Boston Children's Hospital and Harvard Medical School currently offers a research internship opportunity to obtain specialized research skills with children on the autism spectrum.

Students will contribute to several NIH-funded research projects that examine the individual differences observed in people on the autism spectrum, evaluate potential physiological and behavioral measures of treatment response, and develop and test novel interventions for people on the autism spectrum. Our current projects include an investigation of the trajectory of executive function development in young children, including children with autism spectrum disorder (ASD). This project employs electrophysiological and behavioral measures to investigate these questions in toddlers and preschoolers. A second project focuses on evaluating a set of electrophysiological and eye-tracking measures of social change in school-aged children with ASD. A third project will examine the intimate relationships of adults on the autism spectrum.

Undergraduate students will be involved in several aspects of these projects, including, but not limited to: data entry and scoring, literature reviews, and recruitment. Students will also have the opportunity to observe and, once reliable, assist with study visits. We also encourage our students to deepen their knowledge and research skills by working in depth on a project related to their interests, which may include behavioral coding or electrophysiological processing.

The Faja Lab is part of a larger research network in the Laboratories of Cognitive Neuroscience that includes a multidisciplinary team of researchers with expertise in a wide range of fields including neuroscience, psychology, and education. In collaboration with clinical experts in fields such as developmental pediatrics and child neurology, we are working to expand our knowledge of child development and developmental disorders. Through this collaborative and comprehensive approach, we aim to drive science forward as rapidly as possible; allowing us to translate what we learn into earlier identification, improved therapies, and better outcomes for children and families affected by developmental disorders. As a valued part of this vibrant environment students will, lastly, also get to enjoy a variety of additional professional development opportunities and lectures in addition to experience gained working within the lab.

Eligible students must be currently affiliated with an academic program in the Boston area and should be able to commit a minimum of 8-10 hours per week for two semesters. For further information about the position and to apply, please submit a CV/resume to:  
[gina.schnur@childrens.harvard.edu](mailto:gina.schnur@childrens.harvard.edu).