



Clinical Research Specialist I, Labs of Cognitive Neuroscience, Boston Children's Hospital/Harvard School of Medicine

The Laboratories of Cognitive Neuroscience (LCN) at Boston Children's Hospital are dedicated to furthering our understanding of brain and cognitive development in children diagnosed with or at risk for various developmental disorders. Our multidisciplinary team of researchers brings together experts from 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 neurodevelopmental disorders. Through this collaborative and comprehensive approach, we aim to drive the science forward as rapidly as possible, so that we can translate what we learn into earlier identification, improved therapies, and better outcomes for children and families affected by developmental disorders.

The Clinical Research Specialist (CRS) will work on a collaborative project between Boston Children's Hospital (PI Charles Nelson) and Boston University (PI Helen Tager-Flusberg) that is investigating the early development of infants who have an older sibling with an autism spectrum disorder, infants displaying delays at their 12 month well-baby visit, and infants with no developmental concerns. Our goal is to find signs that suggest risk for this disorder between infants with an older sibling with an autism spectrum disorder, and those displaying developmental concern, based on early differences detected on a screening tool. The project will use electrophysiology, eye tracking and behavioral measures in a group of 3- to 36-month-old children who are participating in a longitudinal study. Responsibilities include working with, and coordinating a team of undergraduate students, postdocs, and research staff associated with the research project in addition to IRB management and preparing progress reports. The CRS will be responsible for administering electrophysiological and eye tracking lab protocols, and perform standardized diagnostic and developmental assessments. Furthermore, the CRS will oversee data management, as well as contribute to running the day-to-day operations for research protocols under the direction of the Principal Investigator and the Program Manager.

Eligible candidates have the following qualifications:

- A bachelor's degree in psychology, cognitive science, neuroscience, or related field, as well as a 2-year commitment to the position
- At least two years of paid professional experience working in a research setting with human subjects
- Experience working with infants or children in a research setting, preferably using behavioral or neuroimaging measures such as eye tracking, EEG, or ERP
- Previous experience working with children with an autism spectrum disorder
- Ability to assist with grant preparation, publications, presentations and/or applications to an Institutional Review Board
- Experience with administering and scoring standardized measures of autism symptoms (e.g., the ADOS, MSEL)
- High level of motivation; ability to work independently and as part of a team; excellent communication, organization, and attention to detail
- Availability for flexible scheduling including evenings and weekends

To apply, please complete the online lab application form (https://redcap.tch.harvard.edu/redcap_edc/surveys/?s=V6UudY) and upload a CV and letter of interest.

Contact Alissa Westerlund with any questions, Alissa.Westerlund@childrens.harvard.edu