



Boston Children's Hospital



**HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL**

**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 committed to improving the lives of children throughout the world. Our multidisciplinary team of researchers brings together experts from a wide range of fields – including neuroscience, psychology, and education – to expand our knowledge of neurodevelopmental disorders so that we can translate what we learn into earlier identification, improved therapies, and better outcomes for children and families.

The Clinical Research Specialist (CRS) will join the Longitudinal Accelerated Boston Study (LABS) team in the Nelson Lab., a study investigating normative “growth curves” of brain development, specifically the circuitry underlying executive functions. The CRS will coordinate day-to-day operations and functions for LABS, which uses electrophysiology, functional near-infrared spectroscopy, wearable devices (from which to extract information about sleep, autonomic activity, etc.), eyetracking, and behavioral measures in a cohort of children being followed from age 3 months to 3 years. Responsibilities include working with and coordinating a team of undergraduate students, postdocs, and staff associated with the research project, along with IRB management and preparing progress reports. The CRS will work closely with team members on the development, coordination, and implementation of research procedures and day-to-day operations under the direction of the Principal Investigator and the Program Manager.

Eligible candidates have the following qualifications:

- A bachelor's degree or higher in psychology, cognitive science, neuroscience, or related field, as well as a 2-year commitment to the position
- Experience working with infants or children in a research setting, preferably using physiological, behavioral, or neuroimaging measures such as eye-tracking, heart rate, EEG, or ERP
- Paid professional experience working in a research setting with human participants
- Availability for flexible scheduling, including occasional evenings and weekends
- Computer skills including working knowledge of PC and Mac operating systems, essential statistics software (e.g., Excel, SPSS), and basic experimental presentation and collection software (e.g., ePrime, Redcap, Matlab)
- Ability to assist with grant preparation, publications, presentations and/or applications to an Institutional Review Board
- High level of motivation; ability to work independently and as part of a team; excellent communication, organization, and attention to detail

The estimated start for this position is late Summer 2021. Please send a CV and cover letter to Anna.luke@childrens.harvard.edu if interested.