

Project Summary

Give a brief background of the project that the candidate will be involved in. Provide a general overview of the work that the candidate will be engaged with.

This fellowship involves working on the hybrid implementation validation trial of virtual reality assessment and intervention tools for neurodevelopmental and brain-based disorders. We aim to study the ways in which this virtual reality intervention can be implemented into the lives of a neurodivergent pediatric population, as well as its efficacy.

Our goal is to use existing research on digital, game-based interventions to develop an accessible form of cognitive rehabilitation that could be easily implemented using a virtual reality headset. The program of research aims to significantly reduce the number of barriers that prevent a wide range of impacted children and youth from accessing beneficial technology-based interventions.

Position Description

Please provide a succinct description detailing the candidates' role and expected duties/responsibilities.

Here's What You Get to Do:

- Implementation of a clinical research project involving virtual reality based cognitive rehabilitation of executive function in children with a range of disorders.
- Work as part of a team of clinical researchers and be involved in all aspects of the implementation research process, from data analysis to manuscript writing.
- Work in a multi-disciplinary research environment with a diverse range of training opportunities. Supervision will be provided by senior staff in the Neuroscience and Mental Health Program with opportunity to interact with a range of collaborators across different disciplines.
- Participate in clinical research within outpatient mental health environment with a focus on children and youth with neurodevelopmental disorders.

Qualifications & Requirements

Please outline any specific details that would help match you with a viable candidate (include experience and any host-institution specific requirements).

Here's What You Need:

Education: PhD from a recognized university

Experience: Applications are invited from individuals having significant, related, practical experience in implementation sciences, behaviour sciences, and/or policy (i.e., within the past 2 years) or a doctoral degree in a relevant discipline. The successful candidate will have demonstrated experience in scientific communication through authorship on peer-reviewed publications in related areas and experience in implementation science and knowledge mobilization.

Preferred Skills and Abilities:

- Experience in the field of child development and/or childhood disability
- Experience or interest in implementation science a strong asset
- Experience in clinical trials is an asset
- Experience or interest in conducting patient-oriented research is preferred
- Quantitative research experience, mixed methods research experience
- Must possess strong communication and collaboration skills
- Must be able to handle complex projects with multiple and conflicting priorities and demands
- Possesses decision making skills and ability to keep timelines

About Host Institution

Please provide any specific details that would be relevant to a potential candidate (e.g. information about location or whether remote work is possible).

This fellowship would take place at The Hospital for Sick Children (SickKids Hospital) in Toronto, Ontario. Some aspects of the role may be remote, however some aspects require an in-person presence at the hospital.

Expected Duration

Please provide any details regarding anticipated start and end-dates. Do note that the PDF funding opportunity will commit to one year of support, which will be revisited near the conclusion of the term.

Full-time, 1 year contract.

Approximate Start Date: August 2023

Approximate End Date: August 2024

Application Instructions

Submit a detailed CV and cover letter (both in PDF) outlining your background and experience through [the online submission form](#). If you have any questions, please contact us at pierre.zwiegers@child-bright.ca.