Job ID: 15256
Location: Toronto, Ontario
FTE: 0.50 - 1.00
Hours of Work: 17.50 - 35.00
Dept/Program Name: Child Health Evaluative Sciences
Contract Length: 1 year
Date Posted: 04/11/2021
Deadline to Apply: 24/11/2021 at 11:59 p.m.
Target Openings: 1

About SickKids

Dedicated exclusively to children and their families, The Hospital for Sick Children (SickKids) is one of the largest and most respected paediatric healthcare centres in the world. As innovators in child health, we lead and partner to improve the health of children through the integration of healthcare, leading-edge research and education. Our reputation would not have been built – nor could it be maintained – without the skills, knowledge and experience of the extraordinary people who come to work here every day. SickKids is committed to ongoing learning and development and features a caring and supportive work environment that combines exceptionally high standards of practice.

When you join SickKids, you become part of our community. We share a commitment and determination to fulfill our vision of Healthier Children. A Better World.

Don’t miss out on the opportunity to work alongside the world’s best in paediatric healthcare.

Position Description

The Thrombosis Research Team in Child Health and Evaluative Sciences at The Hospital for Sick Children (SickKids) is seeking a Post-Doctoral Research Fellow. This is a unique opportunity for those who are interested in exploring the unique research environment at SickKids, affiliated with the University of Toronto.

The Thrombosis Research team aims to contribute knowledge in the field of paediatric thrombosis, specifically in long-term research on all aspects of pathophysiology, physical activity interventions and treatment options. The successful candidate will be supervised by Dr. Laura Avila. The ideal candidate possesses and applies highly advanced scientific knowledge of innovative research principles, theories, and concepts in observational studies. The position requires knowledge of qualitative and quantitative research methodologies.

The Post-Doctoral Research Fellow will design and conduct studies on the long-term outcome and other aspects of blood clots in children. These results will inform the design of strategies for the management of those outcomes, such as disease-specific interventions to improve the health of affected children.
Here’s What You’ll Get To Do:

- Acquire knowledge in evidence-based research methods for evaluative research in rare diseases.
- Conduct and participate in methodological and hospital research, including observational studies and randomized control trials.
- Apply scientific creativity and knowledge of innovative research principles, theories, and concepts, notably around the development, testing, and implementation of child health outcome measurement instruments and interventions.
- Independently design and implement research projects which include analyses of feasibility and application of a wide variety of scientific principles and concepts.
- Remain current on research of clinical trial methodologies, principles, and theories.
- Review and prepare peer reviewed scientific manuscripts and grant proposals.
- Disseminate research and clinical findings through publications, presentations, and seminars
- Provide leadership and supervision within the Thrombosis team on scientific matters and serve as the spokesperson and authority for internal and external contacts on a wide variety of scientific principles and concepts related to new initiatives to improve how child health studies are designed, conducted, analyzed, and reported.
- Supervise and mentor trainees.
- Develops and presents material for publication using strong written, verbal, and graphical communications skills with the ability to express highly complex scientific concepts effectively.
- Presents scientific outcomes to the department and members of the research community and assist the PI in preparing reviews of others’ grant application and manuscripts as appropriate.
- Assist the PI in ensuring that fiscal safety and legislative responsibilities are maintained.

Here’s What You’ll Need:

- Ph.D. in Clinical Epidemiology (preferred), Statistics, Psychology, or related field with relevant experience in clinical trial design, conduct and reporting. (Candidates who have obtained their PhD within the last two years are preferred).
- Experience in research related to physical activity, conducting RCTs, or analyzing longitudinal data are an asset.
- Strong knowledge of qualitative and quantitative research methodologies (study design and analysis) is required.
- Demonstrated ability to work independently and collaboratively.
- Demonstrated strong competency in written and verbal communications.
- Previous experience with grant and manuscript writing.
- Experience with programming and analysis of epidemiological data using R, SAS, STATA, SPSS, or other packaged programs is required.
- Experience in child health clinical epidemiology would be an asset.

Minimum Degree Required: Ph.D.
**Location:** Due to the ongoing pandemic restrictions, telecommuting limited to the province of Ontario and candidates outside of Canada will not be considered. Toronto-based candidates will be given priority.

**Employment Type:** This is a one-year position, either Full or Part-Time, with modified benefits, renewable for a second year subject to availability of funding and performance of the postdoc.

**Desired Start Date:** Immediately upon successful selection of an applicant

**Our Commitment to Diversity**

The children and families we care for are diverse, and so are our employees. All are welcome to join our unique organizational culture and be part of our inclusive team.

If requested, SickKids is proud to make available accommodations to support applicants with disabilities during the interview and assessment process. Information received relating to accommodation will be addressed confidentially. SickKids is also committed to providing services in both official languages and our preference is to hire employees who are fluent in both English and French whenever possible.

Thank you for your interest in joining SickKids. Only those applicants selected for an interview will be contacted. In accordance with our Hospital policy, employment at SickKids is conditional upon the Hospital’s receipt of all necessary documentation.

**How to Apply**


**Tip:** Combine your cover letter and resume into **ONE** document of 20 pages or less as you cannot upload multiple documents as part of your application.