

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

Advances in HIV treatment have meant that among the 1.5 million children born globally to women with HIV, most now remain uninfected. The **Kids Imaging and Neuro-Development (KIND)** study aims to examine brain development and long-term behavioural and cognitive function of children that are HIV exposed and uninfected (HEU). The study hopes to address clinically important knowledge gaps that affect the long-term health for these children. Funded by a CIHR Team Grant, our team is performing a multi-site prospective clinical study to conduct cognitive, behavioural, and brain imaging (MRI and MR spectroscopy) investigations of 180 children who are HEU and 65 children who are HIV unexposed to better characterize overall brain function and explore links between brain function and behavioural deficits and changes in specific brain regions.

We are looking for a postdoctoral research fellow to join our team to analyze and interpret the MRI and MR spectroscopy data acquired as part of the KIND study. The successful candidate will work closely with Dr. John Sled, a SickKids Senior Scientist and expert on MRI, as well as a team of investigators from SickKids, University Health Network, and Children's Hospital of Eastern Ontario (CHEO) with a broad range of backgrounds including infectious disease, reproductive biology, psychology, neuroscience, and neurology.

Here's What You'll Get To Do

- Work with an interdisciplinary team to analyze and interpret a rich MRI dataset that includes high-resolution anatomical, resting-state fMRI, multi-shell diffusion, quantitative T1, and MR spectroscopy data.
- Disseminate research and clinical findings through publications, presentations, and seminars.

Here's What You'll Need

- PhD from a recognized academic institution in a relevant area (e.g., neuroscience).
- Strong publication record and an interest in neurodevelopmental disorders.
- Experience with MRI data analysis

- Knowledge of statistics and statistical analysis tools (experience with R preferred)
- Working familiarity with linux / unix an asset
- Motivation and the ability to work independently.
- Strong communications skills.

We offer:

- Two-year contract, with the possibility of extension to a third year.
- A competitive salary based on qualifications and experience.
- An attractive benefits package, that includes extended health and dental coverage.
- Opportunities for career development and additional training as part of the SickKids Research Training Centre.

How to Apply:

1. Cover letter (maximum 2-page) that includes your motivation for applying to this position, your research experience and how your research interests/future career goals fit the job description.
2. Curriculum Vitae
3. Names, email addresses and other contact details for three referees

Our Commitment to Diversity

The children and families we care for are from a variety of communities, and so are our employees. We welcome and encourage everyone to join our organization and be part of our team.

When requested, SickKids will provide access and inclusion supports to eligible candidates to support their full engagement during the interview and assessment process. Information received related to access or inclusion will be addressed confidentially.

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.

FOR EXTERNAL APPLICANTS ONLY: As a health care institution, our highest priority is the safety of patients, families and staff. As a result, we are adopting all prevention measures to ensure the safety of our patients, families and our staff. Therefore, any offer of employment is conditional upon you submitting proof that you have been fully vaccinated with a Health Canada or World Health Organization (WHO) approved COVID-19 vaccination as soon as possible and no later than fourteen (14) calendar days prior to the effective start date, in addition to satisfying any other condition(s) that may be set out in an offer. If a candidate fails to satisfy this condition (or any other condition(s) set out in an offer), any offer of employment shall be immediately rescinded.

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.

If you are still experiencing technical difficulties please email ask.hr@sickkids.ca to send us a short description of the issues you are experiencing. Please note that **we will not accept resumes sent to this inbox** but we are happy to respond to requests for technical assistance.

Job Opening ID: 18496

Posting Title: Post-Doctoral Research Fellow

To view this Job Opening, visit:

https://hcmprd.sickkids.ca:8001/psp/HCMPRD/EMPLOYEE/HRMS/c/HRS_HRPM.HRS_JOB_OPENING.GBL?Action=U&HRS_JOB_OPENING_ID=18496