



**FACULTY POSITION AVAILABLE  
SCIENTIST  
Research Institute  
The Hospital for Sick Children  
Mouse Imaging Centre**

The Research Institute at The Hospital for Sick Children (SickKids) is seeking an outstanding imaging scientist who is committed to advancing human health through the development and application of advanced imaging methods in mouse models of disease.

Candidates must have a Ph.D., M.D./Ph.D., or equivalent, as well as significant (3 - 6 years) postdoctoral research experience and a record of outstanding scientific accomplishments and technical innovation in imaging science. Wherein a practicing MD, the successful candidate will have obtained an appropriate Certificate of Registration from the College of Physicians and Surgeons of Ontario (license to practice), and appropriate VISA, if applicable. The successful candidate will initiate and maintain an original, competitive, and independently funded research program of international caliber to develop and apply advanced imaging technologies focused on mouse models of disease. This research program will become an integral part of the Mouse Imaging Centre (MICE), a state-of-the-art imaging facility and highly collaborative research group within SickKids that is focused on the development and application of novel mouse imaging technologies. MICE opened in 2002 with the goal of adapting diagnostic imaging technology for high-throughput study of mouse models of human disease. The centre combines MRI, X-ray micro-computed tomography, high frequency ultrasound, and optical microscopy capabilities. This state-of-the-art imaging facility, which is housed within The Centre for Phenogenomics, has undergone continuous development and refinement since its inception, making it one of the best known and most prolific centres worldwide working on mouse imaging. The successful candidate would initiate a research program that leverages these strengths and develops innovative technologies that broaden their impact for advancing human health.

Collegial interaction will be an important element in success. SickKids has an exceptional program in human imaging, and cores for modeling disease in multiple organisms, including zebrafish, allowing the successful candidate to collaborate across platforms. Candidates should have a strong track record of productivity and innovation in both methods development and application as well as an established record of collaboration and interdisciplinary research. Salary will be commensurate with qualifications and experience within the range of \$120K - \$150K . A competitive benefits package is being offered along with support for relocation expenses.

The successful candidate will be appointed as a Scientist or Senior Scientist in the Research Institute and is expected to qualify for an academic cross-appointment as an Assistant, Associate or Full Professor in an appropriate department, such as Medical Biophysics, at the University of Toronto. Alternatively, if the successful candidate comes from outside the academic sector, they must possess the necessary qualifications to be appointed at these levels.

The successful candidate's research program will be housed at the SickKids Research Institute in The Centre for Phenogenomics (25 Orde Street, Toronto, Canada), located in the Discovery District in the heart of downtown Toronto. The permanent position offers a unique environment for medical science discoveries, with nine teaching and research hospitals and the University of Toronto, Canada's largest

university, in close proximity. SickKids is fully affiliated with the UofT, and our researchers benefit from the extensive research facilities at the UofT and other affiliated institutions.

Exceptional, appropriately qualified candidates may be nominated for a Tier 1 Canada Research Chair or a Tier 2 Canada Research Chair, as is appropriate to the candidate's career stage <http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>. Tier 1 Chairs are outstanding established scholars acknowledged by their peers as world leaders in their fields. Tier 2 Chairs are exceptional emerging scholars acknowledged by their peers as having the potential to lead in their fields. A Tier 2 Chair nominee should be within ten years of receiving their PhD. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program's [Tier 2 justification process](#). For further information on these federally endowed chairs, open to all nationalities, including eligibility criteria, please consult the [Canada Research Chairs website](#).

The Hospital for Sick Children recognizes that scholars have varying career paths and that career interruptions due to personal circumstances can be part of an excellent academic record. Candidates are encouraged to explain any personal circumstances to allow for a fair assessment of their application. Search committee members have been instructed to give careful consideration and be sensitive to, the impact of career interruptions in their assessments.

### **Our Commitment to Diversity**

SickKids is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas. If requested, SickKids is proud to make available accommodations to support applicants with disabilities during the interview and assessment process. Informed by the Accessibility for Ontarians with Disabilities Act (AODA), the Ontario Human Rights Code, and our [Access and Accommodation Policy](#), we will accommodate the needs of applicants. Please advise Laurel Brown ([laurel.brown@sickkids.ca](mailto:laurel.brown@sickkids.ca)) of your accessibility needs during the recruitment process. Information received relating to accommodation will be addressed confidentially.

### **Application Process**

Interested applicants should e-mail their application (curriculum vitae, description of past research, research plan [3-5 pages], three reference letters and copies of three representative publications) preferably in PDF format, to [miceimagingsearch@sickkids.ca](mailto:miceimagingsearch@sickkids.ca) by the close of the search on October 15, 2019. The search committee aims to interview applicants in the Fall of 2019 with a potential start date in Summer or Fall 2020.

SickKids believes that diversity positively impacts science and is essential to sustain our vibrant world-leading research community. As part of the application process you will be asked to complete a brief voluntary diversity survey. Any information directly related to you is confidential and cannot be accessed by either the search committee or human resources staff. Results will be aggregated for institutional planning purposes.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority. Only those applicants selected for the interview will be contacted.

Applicants may direct any informal enquires to:

Chair, MICE Scientist Search Committee

SickKids Research Institute -- The Peter Gilgan Centre for Research & Learning

686 Bay Street, Room 9.9709

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