Dedicated exclusively to children and their families, The Hospital for Sick Children (SickKids) in Toronto, Canada is one of the largest and most respected pediatric healthcare centers 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.

We are currently looking for a Research Associate in Imaging to assist in operation and development of imaging resources at the Mouse Imaging Centre (MICe). MICe was created as a unique imaging facility, combining the latest state-of-the-art digital imaging technologies for characterization of mouse models of human disease. Imaging infrastructure includes micro-computed tomography, high-frequency ultrasound, serial two-photon tomography, optical projection tomography, and MRI. The selected candidate will join a dynamic environment of ~40 staff and students, and will be responsible for:

- Designing, conducting and managing new research projects related to mouse imaging and its use in studying models of human disease, particularly including development of new imaging techniques and technologies that enhance the capabilities of MICe
- Training, support and supervision of research staff and trainees in use of imaging equipment and acquisition software, with particular emphasis on MRI
- Attending local, national and international scientific meetings
- Establishing ongoing relationships with international companies and vendors
- Consulting with principal investigators and staff for project planning, budgeting and grant proposals
- Quality assurance monitoring and evaluation of imaging tools
- Working with vendors to coordinate maintenance, troubleshooting and repair of imaging systems
- Planning and administration for installation of new imaging systems

Experience with radiofrequency coil fabrication and MRI pulse sequence programming is a significant asset.

For further details and application instructions, please see [http://bit.ly/2da4aTq](http://bit.ly/2da4aTq) reference job # 7810. If you have any questions, please contact: Katie Polanic katie.polanic@sickkids.ca