



## **Post-doctoral Fellowship in Hyperpolarized Gas MRI**

A full-time post-doctoral fellow position is available at the Hospital for Sick Children (SickKids) in Toronto, Canada. The role would involve development of methodologies for hyperpolarized noble gas MRI in animals and humans including implementation and testing of appropriate pulse sequences, data acquisition and image analysis software on a Siemens 3T system. This opportunity is sponsored through MITACS (an Ontario government initiative for advanced training in science and technology) in partnership with Siemens. There would also be a modest research/travel budget provided to the candidate. The post-doc would join over 200 scientists within the Peter Gilgan Centre for Research & Learning (PGCRL) – a state-of-the-art research facility focusing on childrens' health. The minimum qualification would be a PhD degree in the physical sciences (eg. physics, chemistry) or engineering. Previous clinical MRI experience would be an asset.

SickKids is a thriving research institute in the exciting city of Toronto. The city offers many cultural and recreational options in a beautiful setting on Lake Ontario.

Qualified applicants should forward a letter of introduction and CV to:

Professor Giles Santyr, Ph.D.  
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