



MRI Collaboration Scientist

Oakville ON, Ontario, Canada

Job Description

Job ID

417760

Company

Siemens Healthcare Limited

Organization

Siemens Healthineers

Job Family

Research & Development

Experience Level

Experienced Professional

Full Time / Part Time

Full-time temporary

Remote vs Office

Office/Site Only

Contract Type

Permanent

Do you want to join us in helping to fight the world's most threatening diseases and enabling access to care for more people around the world? At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably.

We offer you a flexible and dynamic environment with opportunities to go beyond your comfort zone to grow personally and professionally. Sound interesting? Then come and join our global team as a **Magnetic Resonance Imaging (MRI) Collaboration Scientist** to maintain academic, clinical and technical expertise – collaborating both with internal development teams and research partners for the development, comprehensive evaluation, and testing of ultra-high field MRI. This role will be working as an on-site scientist serving collaboration activities at Sunnybrook Health Sciences Centre in Toronto, Canada, primarily covering 7T MRI topics however also covering general Siemens MRI collaboration topics at the site. This is a 5-year term.



Our global team: We are a team of more than 70,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world. As a leader in the industry, we aspire to create better outcomes and experiences for patients no matter where they live or what health issues they are facing. Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways.

Our culture: We are part of an incredible community of scientists, clinicians, developers, researchers, professionals, and skilled specialists pushing the boundaries of what's possible, to improve people's lives around the world. We embrace a culture of inclusivity in which the power and potential of every individual can be unleashed. We spark ideas that lead to positive impact and continued success. Check our Careers Site at <https://www.siemens-healthineers.com/careers>.

This is a role well suited to an ambitious professional, looking for the next step in their career.

As an **MRI Collaboration Scientist**, you will be responsible for:

- Providing research and development support for our customers at Sunnybrook Research Institute, in Canada and collaborating Toronto Academic Hospitals
- Participating in academic and clinical research at/and for, Sunnybrook Research Institute
- Developing new MRI techniques and algorithms
- Providing logistical support to research customers including negotiation and maintenance of project agreements
- Performing regular quality testing
- Managing and maintaining C2Ps and WIPs

This position may suit you best if what is below sounds familiar and appealing to you, in addition to wanting to develop your career with Healthineers.

- You excel in a work environment that is built upon exceptional standards
- Demonstrate expertise in ultra-high field MRI physics, techniques and clinical applications
- Possess strong collaboration skills and ability to thrive in a dynamic environment
- Have excellent teaching skills and a proactive can-do attitude

Required skills to have for the success of this role:

- PhD in Biomedical Engineering, Medical Physics, Imaging Physics or equivalent
- Experience and expertise in ultra-high field MRI physics, techniques and clinical applications, ideally at 7 T on the Siemens platform
- Certified in software programming, design and application development
- Expertise with MATLAB and Python for signal and image processing, ideally including segmentation and registration (experience programming with Julia is preferred but not required)
- Expertise in MRI system vendor pulse sequence programming and image reconstruction tools, ideally on the Siemens platform
- Outstanding writing presentation and communication skills
- Ability to work independently and prioritize work
- Ability to multi-task and follow through
- Detail-oriented and organized

Siemens Healthineers is proud to be a Great Place to Work® certified company in Canada for 2020-2023, 2022 Best Workplaces™ in Manufacturing, 2022 Best Workplaces™ for Health Care and 2022 Best Workplaces™ for Hybrid Work.



At Siemens Healthineers, we value those who dedicate their energy and passion to a greater cause. Our people make us unique as an employer in the med-tech industry. What unites and motivates our global team is the inspiration of our common purpose: To innovate for healthcare, building on our remarkable legacy of pioneering ideas that translate into even better healthcare products and services. We recognize that taking ownership of our work allows both us and the company to grow. We offer you a flexible and dynamic environment and the space to move beyond your comfort zone to grow both personally and professionally.

If you want to join us in transforming the way healthcare is delivered, visit our career site at:

<https://www.siemens-healthineers.com/en-ca/about>

While we appreciate all applications we receive, we advise that only candidates under consideration will be contacted.

Beware of Job Scams

Please beware of potentially fraudulent job postings or suspicious recruiting activity by persons that are currently posing as Siemens Healthineers recruiters/employees. These scammers may attempt to collect your confidential personal or financial information. If you are concerned that an offer of employment with Siemens Healthineers might be a scam or that the recruiter is not legitimate, please verify by searching for the posting on the Career site: <https://jobs.siemens-healthineers.com/careers>

Siemens is committed to creating a diverse environment and is proud to be an equal opportunity employer. Upon request, Siemens Canada will provide reasonable accommodation for disabilities to support participation of candidates in all aspects of the recruitment process. All qualified applicants will receive consideration for employment.

By submitting personal information to Siemens Canada Limited or its affiliates, service providers and agents, you consent to our collection, use and disclosure of such information for the purposes described in our Privacy Notice available at www.siemens.ca.

Siemens s'engage à créer un environnement diversifié et est fière d'être un employeur souscrivant au principe de l'égalité d'accès à l'emploi. Sur demande, Siemens Canada prendra des mesures d'accommodement raisonnables pour les personnes handicapées, dans le but de soutenir la participation des candidats dans tous les aspects du processus de recrutement. Tous les candidats qualifiés seront pris en considération pour ce poste.

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