Cardiac MR Scientist in Montréal

Role Summary/Purpose
As Cardiac MR Scientist at GE Healthcare you are responsible for exploring, developing and validating advanced cardiac magnetic resonance imaging applications, in close collaboration with McGill University Health Centre, other clinical and academic research partners, as well as GE colleagues, and for driving the translation of these new applications into product solutions.

Essential Responsibilities
- Design and develop applications for cardiac MR acquisition, reconstruction, processing, and display by combining expertise of MR physics, engineering, and clinical needs.
- Evaluate and extend new concepts; provide innovations which can be translated into product offerings.
- Contribute to MR scientific societies through publications and presentations of research output.
- Use broad expertise in MR physics and applications to help resolve quality issues.
- Foster partnerships with clinical collaborators to develop clinically relevant solutions.

Qualifications/Requirements
- Ph.D. (or M.Sc. with equivalent experience) in Physics, Biomedical Engineering, Electrical Engineering, or related field.
- Demonstrated record of innovation in MR physics research, development of new pulse sequences, and/or MR reconstruction methods.
- 3+ years of experience in MR imaging research or closely related field.
- Strong English language oral and written communication skills.
- Can-do attitude, flexible, intellectually curious, willing to work with cross-functional, global team.
- Willingness to travel 10% of time.

Desired Characteristics
- Strong clinical and technical knowledge of cardiac MR applications
- Pulse sequence programming expertise in EPIC
- MR image reconstruction expertise in Orchestra
- Programming experience in C/C++
- Experience with academic and clinical research collaborations
- 2+ years of experience working with clinicians within a hospital environment

Questions?
Please reach out to Martin Janich, Global Cardiac MR Applications Manager, Martin.Janich@ge.com

Ready to apply?
Go to ge.com/careers and apply to job 3157722