

Research Associate – Medical Imaging

About Calgary Scientific

Calgary Scientific Inc. (CSI) is a software and intellectual property (IP) development company specializing in sophisticated digital signal, image processing and analysis technology. Our current product line includes customer focused applications for medical imaging and seismic data imaging. These applications offer innovative tools to help professionals to better interpret and analyze data through core innovations around which CSI applications are developed.

Calgary Scientific is a privately held company with offices in Calgary, Alberta, Canada. The company was formed in 2003 to commercialize leading edge intellectual property into market leading software applications.

Calgary Scientific works with research teams and individuals across multiple Universities to generate, refine, test, and commercialize breakthrough innovation into market driven commercial applications.

Research Associate – Medical Imaging Role

We are looking for a full-time Research Associate who is willing to relocate to Calgary, Alberta, Canada. Duties will include:

- Leading small Research Teams that deliver medical image processing software to Product Teams and manage that software through product lifecycle.
- Working with various research groups and clinical advisors to participate in and guide the development of task-specific medical image processing algorithms.
- Ensuring that research teams meet our regulatory requirements (ISO 13485 and ISO 14971)
- Providing scientific guidance to further the development of in-house applied research technologies

This is an excellent opportunity to contribute to the research and development of market-driven medical imaging applications.

Required Experience/Skills:

- M.Sc. or Ph.D. in Engineering, Physics, or related fields
- Proven experience (research or industry) in medical image registration or segmentation
- 3 or more years of experience in C++ development
- 1 or more years of matlab and OpenGL experience
- Demonstrated ability to learn new technologies
- Proven experience in Project Management

Beneficial Experience/Skills:

- Algorithm development using ITK
- Working with ISO standards
- Development of FDA listed or CE marked software applications
- Experience with Clinical Trials related to medical imaging

Please send cover letter and CV to careers@calgaryscientific.com