

## Image Science Positions

The Department of Radiology at the University of Calgary, in partnership with the Alberta Children's Hospital Research Institute for Child & Maternal Health, the Hotchkiss Brain Institute, and the Southern Alberta Cancer Research Institute, invites applications for full-time academic positions at the level of Assistant Professor, or higher, in Image Science. We seek:

- A Brain Imaging Scientist. Individuals with expertise and interest in structural and functional brain imaging are encouraged to apply.
- A Pediatric Brain Imaging Scientist. Individuals with expertise and interest in functional MR imaging, brain spectroscopy, and/or imaging of childhood development are encouraged to apply.
- A Medical Image Processing/Bioinformatics Scientist. Individuals with expertise and interest in brain or oncologic imaging are encouraged to apply.

Depending on the qualifications and interests of candidates, joint appointments in other Departments including Clinical Neuroscience, Pediatrics and Psychiatry in the Faculty of Medicine at the University of Calgary are possible. Graduate School appointments via the Faculty of Medicine and Biomedical Engineering and Physics and Astronomy may also be possible. Qualifications for all positions include a PhD, post-doctoral research experience, and a proven record of research excellence in an area relevant to a position. Appointments to more senior academic positions will require commensurate additional qualification and experience.

These positions offer an excellent opportunity to develop a vigorous and independent externally funded research program within an existing dynamic, collaborative and multidisciplinary environment. Emphasis will be placed on research excellence and the ability to participate collaboratively with the current Image Science team, other departments and research institutes. The positions provide 75% of time protected for research, and will include expectations to contribute to graduate and resident teaching and to graduate student and postdoctoral fellowship supervision. A competitive salary and an attractive start-up package are available for each position. The candidate will be expected to apply for extramural support from national/provincial agencies to sustain their research program.

The successful candidate will be located in proximity to other scientists and clinical scientists conducting image science research focused upon stroke and other vascular diseases, epilepsy, cancer, human neurodevelopment, adult, child and youth mental health, and traumatic brain injury. One 3 T research MR scanner is operational at the Seaman Family Centre and a second 3 T scanner will become operational at the Alberta Children's Hospital in early 2012. Additional medical imaging infrastructure, including 5 new multi slice CT scanners has recently been installed. The Faculty of Medicine is home to excellent core research facilities including experimental animal imaging, leading edge microscopy, proteomics and nucleic acid and next-generation, sequencing infrastructure. Facilities for conducting clinical trials are also in place. Please visit our websites at <http://www.ucalgary.ca>, <http://www.medicine.ucalgary.ca>, <http://hbi.ucalgary.ca>, <http://www.ucalgary.ca/research4kids/>, <http://www.sacri.ucalgary.ca> and <http://mrcentre.ca> for more information. Additional information on these positions can be obtained from Dr. Richard Frayne, Hopewell Professor of Brain Imaging via email ([rfrayne@ucalgary.ca](mailto:rfrayne@ucalgary.ca)).

Calgary, Canada's fastest growing major city, is vibrant and multicultural with a population of more than 1,000,000. Situated near the Rocky Mountains, Banff National Park and Lake Louise, Calgary offers great quality of life and outstanding recreational activities.

Interested candidates should submit, via email, a curriculum vitae, a summary of research interests and reprints of the five most relevant publications and arrange to have three letters of reference sent directly to:

Dr. Robert J. Sevick  
Professor and Head, Department of Radiology  
Faculty of Medicine, University of Calgary  
Foothills Medical Center  
1403 29th Street NW  
Calgary, Alberta, Canada T2N 2T9  
Email: [rjsevick@ucalgary.ca](mailto:rjsevick@ucalgary.ca).

In your email, please indicate which position or positions are of interest. The review of applications will begin on 15 February 2012 and continue until the positions are filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The University of Calgary respects, appreciates, and encourages diversity.