

**SIMON FRASER UNIVERSITY
FACULTY OF APPLIED SCIENCES**

BRITISH COLUMBIA LEADERSHIP CHAIR IN MEDICAL IMAGING

The Government of British Columbia, Canada is supporting the establishment of a small number of permanent BC Leadership Chairs at public post-secondary institutions. These endowed BC Leadership Chairs are designed to attract world-class faculty, strengthen the province's capacity for innovative research, promote British Columbia as a centre for cutting-edge research, enhance economic development and position the province as a leader in the knowledge-based economy. The Faculty of Applied Sciences at Simon Fraser University has been awarded one of these endowed Chairs and invites applications for this Leadership Chair in Medical Imaging as part of an initiative to further develop Medical Imaging Science within the Faculty of Applied Sciences. The recruited individual will hold a joint-position at the rank of Professor in Computing Science, Engineering Science and/or Kinesiology and is expected to lead an emerging area of strength within the Faculty. We seek to attract an internationally recognized expert in Medical Imaging who will bring extensive expertise to SFU in minimally one of the following areas: biomedicine, medical image acquisition, medical image analysis, computer vision, visualization, and applied mathematics. The goal as Chair will be to provide a focus for regional research efforts in these areas and facilitate collaboration with health researchers across the campus, local hospitals, and the provincial biomedical imaging sector.

SFU provides a rich research environment on which to build. The candidate is expected to unite those directly involved in researching the entire medical imaging process, including the imaging physics and chemistry, the computational image analysis and its application, the study of the biomedical aspects of disease, with a particular focus on cardiac defects and stroke, and the challenges of assisting diagnosis and communicating medical imaging results across networks of health care professionals and hospitals. SFU has defined a major strategic objective to facilitate collaborations across traditional disciplinary and institutional boundaries. Across the university, the Faculties of Applied Sciences, Health Science, Science, and Arts and Social Sciences provide a wealth of collaborative opportunities; in addition, SFU has a number of key partnerships with hospitals in the region. Within the Faculty of Applied Sciences, the combination of Schools, including Computing Science, Engineering, and Kinesiology, facilitates inter- and multi-disciplinary research.

SFU serves about 25,000 students and the main campus is located on top of Burnaby Mountain in Greater Vancouver. The campus commands magnificent mountain and ocean views. The lower mainland area of British Columbia is known for its mild climate and excellent recreational opportunities. All qualified candidates are encouraged to apply: however Canadians and permanent residents will be given priority. The University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people, persons' with disabilities, gay men and lesbians. Applications will be accepted until the position is filled but applicants are encouraged to apply by November 15th. Under the authority of the University Act, personal information that is required by the University for academic appointments will be collected.

To apply, send curriculum vitae, evidence of research productivity (including selected reprints) and names, addresses and phone numbers of four referees to:

**Dr. Wade Parkhouse, Associate Dean,
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