Tier 2 Canada Research Chair (CRC) - Human Neuroimaging and Scientific Director of ImageTech

Date reposted: October 31, 2023

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Canada Research Chair (CRC) in Human Neuroimaging and Scientific Director of the Image core facility with an effective earliest start date of October 2022. The applicants research should primarily align with the mandate of the Canadian Institutes of Health Research (CIH outlined in the Guidelines for Selecting the Appreprise Federal Granting Agency

This CRC appointment opportunity is intended for emerging scholars in Human Neuroimaging, at the rank of assistant or associate professor (or those who possess the necessary qualifications to be appointed to these levels). Ideal areas of research include neuroscience of ageing, neurorehabilitation, or behaviour and cognition.

Tier 2 Chairs are intended for exceptional emerging scholars (i.e., candidate must have been an active researcher in their field for fewer than 10 years at the time of nomination). Applicants who are more than 10 years from their highest degree (and where career breaks exist, e.g., parental leave, extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 CRC

The <u>Canada Research Chairs Program</u> stands at the centre of a national strategy to foster research excellence in Canada and improve our depth of knowledge and quality of life, strengthen Canada's international competitiveness, and help train the next generation of highly skilled people through student supervision.

About ImageTech

<u>ImageTech</u> is a new SFU-led neuroimaging facility embedded within Surrey Memorial Hospital. The lab provides a unique combination of high-field magnetic resonance imaging (Philips 3T Ingenia MRI) together with high-density magnetoencephalography (275-channel MEG). The facility—representing many firsts—brings together a partnership between SFU and Fraser Health, to ensure British Columbia continues to be globally competitive in advanced brain and body imaging. ImageTech is an SFU core facility, which supports the initiatives of a broad range of SFU, Fraser Health, UBC, and other researchers. The Scientific Director is responsible for the scientific vision and direction of the lab and is supported by a team of operational, scientific and technical staff.

About SFU

At the intersection of innovative education, cutting-edge research, and community engagement lies Simon Fraser University (SFU), Canada's top-ranked comprehensive university. With three campuses located in beautiful British Columbia's largest municipalities – Vancouver, Burnaby, and Surrey - our students, faculty, and staff are privileged to live and work on the traditional unceded š CE CE] š } CE] • } I(N § C (MEschen/n), S w ÆuZmesh Úxwumixw (Squamish), s / idEÁta k ðqA1 43#

The Successful Candidate

Qualified candidates will have:

- x A PhD, MD, or equivalent degree in neuroscience, or a related discipline.
- **x** Demonstrated excellence in research with neuroimaging in human neuroscience. Excellence will be assessed in various ways, including but not limited to the following criteria:
 - o Extensive experience conducting scientific studies in human neuroimaging.
 - High-quality scientific publications in the leading peer-reviewed publications in the field.
 - o A strong record of awards or external funding (e.g., scholarships, research grants).
 - o Disseminated discoveries via conferences, seminars, and other mechanisms for knowledge translation.
- x Articulated a compelling vision for a research program that addresses questions of fundamental importance to the field and has clear potential to attract top-quality trainees, external funding, new scientific collaborations, and uptake byknowledge users.
- x Shown clear potential for excellence as a mentor of research trainees, especially those from equity-deserving groups.
- **x** Demonstrated ability to manage an inclusive research group that integrates diverse students and employees.
- x Demonstrated deep and broad knowledge of the fields of neuroscience and neuroimaging to teach undergraduate and graduate courses effectively in these areas.
- **x** Shown strong potential for effective knowledge translation and community engagement.
- x Suggested potential opportunities for collaboration with other researchers in the field and related fields at SFU, within the BC region, and in Canada.
- x Demonstrated outstanding interpersonal and communication skills (oral and written, in English). These skills incl-0.00

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