



Canada Research Chair (Tier 2) in Neurosurgical Bioinformatics

The Faculty of Medicine, Department of Surgery, Division of Neurosurgery at Dalhousie University invites internal applications for a Canada Research Chair (CRC) Tier 2 in the area of Neurosurgical Bioinformatics. This appointment will be restricted to candidates who currently hold a career-stream appointment at Dalhousie or who have a signed offer for a career-stream appointment at Dalhousie.

The successful candidate will be an outstanding and innovative researcher with demonstrated scholarly activity in surgical bioinformatics, specifically related to the real-time application of technology to preoperative planning and intraoperative decision making. Expertise and interest in applying artificial intelligence to solving current surgical problems and decision-making is expected.

The successful applicant will hold Fellowship training in neurosurgery from the Royal College of Surgeons of Canada and will have demonstrated significant emerging research scholarship including a developing international reputation for work in this area. The successful applicant will receive a clinical appointment within the Department of Surgery (Neurosurgery). Playing a leadership role in collaborative initiatives with colleagues in the Faculty of Medicine, with industry, with third-sector organizations, and with researchers in other Faculties across the University is expected. The successful candidate will provide leadership in research and promote interdisciplinary scholarship to create new opportunities and drive strategic directions; applicants must propose an innovative research program of the highest quality that will attract excellent trainees, students and future researchers.

The Canada Research Chair (CRC) program was established by the Canadian Federal Government with the purpose of attracting outstanding researchers to the Canadian university system. Tier 2 Chairs are intended for exceptional emerging scholars (i.e. the 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, including maternity leave, extended sick leave, etc.) may have their eligibility for a Tier 2 Canada Research Chair assessed through the program's [Tier 2 justification process](#). Please contact the research grants office and see the CRC website (www.chairs.gc.ca) for more information on eligibility. Dalhousie recognizes that career paths can be diverse and that career interruptions may occur. Applicants are encouraged to include, in their cover letter, an explanation of the impact that any career interruptions may have had on their record of research achievement.

Dalhousie is the leading graduate and research university of Atlantic Canada, with more than 18,500 students, including 3500 in graduate programs, from 115 countries. It is located in Halifax – the major center in the scenic Atlantic region and a city widely known for its high quality of life. Further information about the Faculty and the University can be obtained at <https://medicine.dal.ca/departments/departments-sites/surgery/divisions/neurosurgery.html>.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

Consideration of applicants will begin immediately and will continue until the position is filled; to guarantee consideration of your application, please submit your application by September 30, 2019.

Applications for this position should be made by submission of a cover letter indicating areas of research experience, interests and the candidate's proposed research program, a curriculum vitae and the names of three referees (with contact information). A complete application will include a completed Self-Identification Questionnaire, which is available at www.dal.ca/becounted/selfid.

Applications should be submitted to:
Chair, CRC Tier 2 "Neurosurgical Bioinformatics"
c/o Charlene Keats
Dalhousie University
PO Box 15000 | Halifax, NS B3H 4R2 Canada
Email: Charlene.keats@nshealth.ca

Electronic submissions must be in the form of a single attached file in PDF format.

Dalhousie University recognizes its obligation to accommodate candidates in order to ensure full, fair, and equitable participation in the hiring process. Our complete *Accommodation Policy* can be viewed online at: www.dal.ca/policies. Requests for accommodation at any stage in the hiring process, as well as any enquiries, can also be sent to the email address noted above.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Posted August 27, 2019.

GREAT CAREERS. GREAT CHOICE.