

CANADA RESEARCH CHAIR Tier 2 in Ocean Engineering

The Faculty of Engineering at Dalhousie University invites applications for a Tier 2 Canada Research Chair (CRC) in “Ocean Engineering” to be held in the Department of Mechanical Engineering. The appointment will be a tenure stream position at the rank of Assistant or Associate Professor with an anticipated start date of July 1, 2019. The successful candidate is expected to conduct research and supervise graduate students in ocean engineering and to develop, lead, and grow a strong, externally funded research program. While all ocean engineering subspecialties will be considered, preference will be given to candidates who have demonstrated qualifications in design, control and autonomy of marine vehicles, and materials.

Dalhousie University has established national leadership in ocean research and are increasingly defined as a world leader in this area. This strength is reflected, for example, in the new Steele Oceans Centre, CERC in Ocean Science and Technology, Marine Environmental Observation Prediction and Response Network (MEPOAR) and the Institute for Ocean Research Enterprise. Consequently, this position is an integral part of the Ocean Frontiers Institute (OFI), a collaborative research initiative to harness the vast potential of the world’s ocean and meet the ecological, economic and societal challenges of the future. As an international hub for ocean science, OFI brings together elite researchers and institutes from across the globe to understand our changing ocean and create safe, sustainable solutions for ocean development.

The Department of Mechanical Engineering has a core group of faculty working in oceans research. The successful candidate will be expected to sustain a strong research program of their own, and in so doing actively provide leadership in and contribute to intra- and inter-faculty collaborations in this area of emphasis.

In keeping with the principles of employment equity and the CRC program’s equity targets, this position is restricted to candidates who self-identify in one or more of the following groups: racially visible persons or persons with a disability. Candidates must have a PhD in mechanical engineering or related field and be eligible to register as a Professional Engineer in Nova Scotia. The ideal candidate will be an outstanding emerging scholar capable of developing an innovative, impactful and original research program (develop multi-faceted research projects, work with graduate students and postdoctoral fellows). The appointee will be expected to obtain peer-reviewed external funding and working cooperatively within the Faculty and with colleagues within the Ocean Frontier Institute. Although this is primarily a research appointment, the appointee will be expected to teach at the graduate and undergraduate level.

The 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 CRC Tier 2 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 3,500 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 www.dal.ca/Engineering.

Applications should include a detailed curriculum vitae, a two-page summary of the candidate's proposed research program, a statement of research and teaching interests and philosophies. A complete application will include a Self-Identification Questionnaire, which is available at www.dal.ca/becounted/selfid. All application materials should be submitted by September 15, 2018 to:

Chair, CRC Tier 2 Search Committee (Search #3306)
c/o Jascinth Butterfield
Department of Mechanical Engineering
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Dalhousie University
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Electronic submissions must be in the form of a single attached file in PDF format.

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