DALHOUSIE UNIVERSITY

Tier 2 Canada Research Chair
in Indoor Controlled Environment Farming

Dalhousie University's Faculty of Agriculture invites applications for a tenure stream Tier 2 Canada Research Chair (CRC) in Indoor Controlled Environment Farming at the level of Assistant or Associate Professor. We are seeking outstanding candidates who have demonstrated a track record of expertise in controlled environment research. It is envisioned that the CRC would improve processes and develop technologies for resource-efficient plant growth indoors through innovations and refinements in utilization of light, energy, heat, water, gases, and nutrients, or advanced engineering, automation, or environmental monitoring systems.

The Faculty of Agriculture (www.dal.ca/faculty/agriculture.html) is located on the Dalhousie University Agricultural Campus, located in Truro, Nova Scotia. The Faculty offers technical, undergraduate, and graduate programs (MSc, PhD) in agriculture, aquaculture, environment, and related life and social science disciplines, and is home to 1000+ students and 50+ professors, including current and past Canada Research Chairs. 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. Dalhousie is proud to be named one of Canada's Top 100 Employers for the last several years.

The successful applicant will hold a PhD in a discipline related to their scholarship in controlled environment research. The candidate ideally will have cross-disciplinary expertise in bio-resource engineering for vertical/indoor framing or greenhouse production, and skills and knowledge in areas that may include photo-biology, indoor crop production, plant physiology, sensor technology, nutrient management, energy efficiency, automation, or big data. The successful candidate will have the potential to become an international leader in their field, and is expected to develop a strong externally funded, internationally recognized research program. We seek a team-player and team-builder who can forge synergies within and between academia and industry. We want a clear and stimulating communicator who can inspire students of all levels. The successful candidate will teach both undergraduate and graduate courses, and support Faculty initiatives.

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 University is committed to fostering a collegial culture grounded in diversity and inclusiveness. 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: women, racially visible persons, Aboriginal or Indigenous people, persons with a disability, or persons of minority sexual orientations or gender identities. (See www.dal.ca/becounted/selfid for definitions of these groups.) All such qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

A complete application package for this position should include:

- a cover letter (2 pages maximum)
- a detailed CV

- a prospective research plan (3 pages maximum)
- names, addresses and emails of three references (applicants selected for further consideration will be notified before referees are contacted)
- reprints of three recent publications
- a completed Self-Identification Questionnaire, available at www.dal.ca/becounted/selfid

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 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.

Applications should be sent electronically in PDF format to dean.agriculture@dal.ca.

For further information regarding this position, or to request accommodation at any stage of the hiring process, please contact the Chair of the selection committee, Dr. Chris Cutler, Associate Dean Research and Graduate Studies, Faculty of Agriculture: chris.cutler@dal.ca

Applications must be received by October 25, 2019.

Date of posting: August 1, 2019.

GREAT CAREERS. GREAT CHOICE.