

Canada Research Chair – Tier 2 Coastal Zone Processes

The Department of Earth Sciences at Dalhousie University is seeking a world-class coastal marine earth scientist to fill a new Tier 2 Canada Research Chair. Dalhousie is Canada's leading centre for ocean research and this position is key to the strategic development of this research field as embodied in the new Ocean Frontier Institute founded on a \$220M investment by the government of Canada, and private and provincial entities (<http://oceanfrontierinstitute.com>). The appointment is tenure-track and will be made at the Assistant or Associate Professor level in the Department of Earth Sciences. The successful candidate will be required to participate in the preparation of a Canada Research Chair nomination package. Applicants may consult www.chairs.gc.ca for more information regarding eligibility criteria. Tier 2 CRCs are tenable for five years, with the option to renew for a second term. When the term as Chair is completed, the Chair would continue at Dalhousie as a regular faculty member.

We seek a candidate with a record of research excellence and demonstrated potential for developing a world-class, externally funded research program in coastal zone processes. Applicants must have a Ph.D. The successful candidate will be a successful early career scientist in Earth Sciences or a related discipline, and will have demonstrated ability or potential to lead multidisciplinary teams. 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, including maternity leave, extended sick leave, clinical training, 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 for more information. The ideal candidate will use field-based sedimentological analyses combined with leading-edge quantitative analytical and/or modelling methods to advance our knowledge and understanding of erosional, depositional and post-depositional processes in modern and ancient coastal environments. The CRC is expected to engage in teaching at the undergraduate and graduate levels and supervise graduate and undergraduate research. The successful applicant will show demonstrated teaching success or potential at the undergraduate and graduate levels.

Through their association with the OFI, the successful candidate will have considerable resources available to develop their research program, including monies for space renovation, cash to leverage additional external funds, a generous allocation for an infrastructure proposal to the Canada Foundation for Innovation, joint post-docs with collaborating institutions (e.g., LDEO, WHOI), technical staff support, as well as the opportunity to apply to internal OFI funding announcements.

Completed applications, in a single pdf file format, should include:

- a cover letter outlining qualification for the position;
- a curriculum vitae;
- the proposed research program (CRC nomination format preferred);
- a one-page statement describing teaching philosophy and teaching interests; and
- the contact information for at least three referees with knowledge of your work and/or recognised expertise in your discipline. Letters of reference will be solicited by the Search Committee for longlisted candidates and should not be sent with the initial application.

Assessment of applications will begin on 1st February 2018, and continue until a suitable candidate is found.

The application should be sent to:
Chair of the Search Committee
c/o Mr Sean Hartwell (Administrator)
Department of Earth Sciences Dalhousie University
Halifax, Nova Scotia, B3H 4R2, Canada
e-mail: erthadm@dal.ca
Subject line: CRC Search

The appointment will be effective 1st September 2018 or as negotiated.

This Tier 2 CRC is reserved for external recruitment; only candidates who are external to Dalhousie University may apply. Dalhousie 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. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Dalhousie University is recognized internationally for our world-class academic programs and as one of Canada's leading research institutions. With our 200th anniversary on the horizon in 2018, Dalhousie welcomes talented scholars to our home by the ocean and to join our mission to make a lasting impact through the discovery, advancement and sharing of knowledge.

Dalhousie is also home to the headquarters of the Ocean Frontier Institute (OFI <http://oceanfrontierinstitute.com>). As an international hub for ocean science focused on the Northwest Atlantic and Canada's Arctic gateway, OFI brings together elite researchers and institutes from across the globe to understand our changing oceans and create sustainable solutions for ocean development. Including a \$93.7M award through the Canada First Research Excellence Fund program (CFREF; www.cfref-apogee.gc.ca), government, private and partner contributions, the OFI is a \$220M enterprise. The Department is ranked fourth among Earth Sciences departments in Canada by MacLean's Magazine and is currently in a faculty growth phase. The main campus is situated in Halifax – a city known for its youthful spirit, rich history, and scenic waterfront. Information about the Earth Sciences department, current faculty, and research and teaching programmes can be found at: <http://www.dal.ca/faculty/science/earth-sciences.html>.