Assistant or Associate Professor in Geophysics
Dalhousie University

Dalhousie University is recognized internationally for its world-class academic programs. It is the leading research-intensive university in Atlantic Canada, with an outstanding track record of teaching and research in the marine sciences. It is located in the heart of Halifax, Nova Scotia, which boasts a youthful spirit, rich cultural history, and scenic waterfront. 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.

To advance this mission, the Department of Earth Science invites applications for a tenure-stream position at the rank of Assistant or Associate Professor in Geophysics. This position is part of the Dalhousie Diversity Faculty Award program, which aims to correct historic under-representation. In keeping with the principles of Employment Equity, this position is restricted to candidates who self-identify in one (or more) of the following groups: racially visible persons or Aboriginal persons.

The department is ranked 4th among Earth Science departments in Canada by Maclean's Magazine, and is currently in a faculty growth phase. In addition to offering strong honours and graduate programs across Earth Science disciplines, the department is developing a research emphasis in marine geoscience and has close links with the petroleum industry and emerging federal and private sector ocean science programs.

Candidates may be interested to know that a partnership of ten research-intensive universities across Canada, led by Dalhousie University, was recently awarded $17M by the Canadian Foundation for Innovation (CFI) to develop and house a new National Facility for Seismic Imaging (NFSI). The NFSI will be the largest facility of its kind in the world, with 130 state-of-the-art broadband ocean bottom seismometers. This facility will provide Dalhousie and its Geophysics faculty and students with an exceptional opportunity for national and international leadership in marine solid-earth research, including leading and collaborating on numerous cutting-edge international projects. The NFSI will operate within Dalhousie’s newly established Ocean Frontiers Institute, a $220M multi-disciplinary marine research enterprise funded by the Canada First Research Excellence Fund, private donors, and industry.

Applicants will possess a PhD degree in Earth Sciences, Geophysics, or a closely related field, and should have clearly demonstrated an ability or potential to perform independent scholarly research at an internationally competitive level. The successful applicant will be expected to establish a strong externally funded research program, supervise graduate student research, and teach courses in geophysics at the graduate and undergraduate level.

The appointment will be effective 1 July 2018.

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

- a cover letter outlining qualifications for the position;
- a curriculum vitae;
- a summary of the proposed research program;
- a statement describing teaching philosophy and teaching interests; and
- the contact information for 3 to 5 referees with knowledge of your work and/or recognised expertise in your discipline.

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, Canada B3H 4R2
E-mail: erthadm@dal.ca
Subject line: Geophysics Search

The review process will commence on January 15, 2018, and continue until the position is filled. Information about our department, current faculty, and research and teaching programmes, including the NFSI, can be found at: http://www.dal.ca/faculty/science/earth-sciences.html. Information on the Ocean Frontier Institute can be found at: http://www.dal.ca/ofi.