

Canada Research Chair – Tier II

Geophysical Fluid Dynamics with Application To Physical Oceanography

The Department of Oceanography at Dalhousie University

(www.dal.ca/faculty/science/oceanography.html) is seeking applicants for a Tier II Canada Research Chair in Geophysical Fluid Dynamics (GFD) with application to physical oceanography.

The successful candidate must have a Ph.D. in physical oceanography or related field, and have demonstrated research excellence in GFD. The candidate is expected to make effective use of (i) state-of-the-art models to better understand, and possibly predict, changes in the physical properties of the deep ocean and/or adjacent shelf seas, and (ii) modern data assimilation techniques in order to blend model predictions with observations. The successful candidate must have the potential to develop a collaborative and productive research program that is complementary to the ongoing research activities of the Department of Oceanography and other departments in the Faculty of Science (e.g., Physics and Atmospheric Science), and also engage with local, federally-funded research organizations and the national and international research community. In addition to research excellence, the successful candidate will be expected to contribute to the teaching and service mandates of Dalhousie University.

The Canada Research Chair (CRC) program was established by the Government of Canada to attract outstanding researchers to Canadian universities (www.chairs.gc.ca). The CRC program expects Tier II nominees to be excellent emerging researchers who have demonstrated research creativity and potential to achieve international recognition.

The successful candidate will be appointed to a tenure stream position at the rank of Assistant or Associate Professor. Review of applications will begin on December 1, 2016 but applications will continue to be accepted until the position is filled. The anticipated start date is 1 July, 2017 or as negotiated. The application should include a detailed *curriculum vitae*, a two to three page description of current research and accomplishments, three representative publications, the names and contact information of three referees, and a completed Self-ID questionnaire which is available at www.dal.ca/becounted/selfid. Please send the complete application to

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Dalhousie University is recognized internationally for its world-class academic programs and as one of Canada's leading research institutions. With its 200th anniversary on the horizon in 2018, Dalhousie continues to welcome talented scholars and encourages them to join its mission to make a lasting impact through the discovery, advancement and sharing of knowledge. The university is heavily involved in a number of major ocean-related research initiatives. A recent example is the new Ocean Frontier Institute (OFI; www.dal.ca/ofi) which will bring together researchers and institutes from across the globe to understand our changing oceans and create

safe, sustainable solutions for ocean development. (The OFI will be supported by a \$93.7M award from the Canada First Research Excellence Fund program (CFREF; www.cfref-apogee.gc.ca) and a similar contribution from government, private and partners.)

This Tier II 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 qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified 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.