

Posting Date: December 7, 2018

Department of Physics/Faculty of Arts & Science
University of Toronto
JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: Theoretical Ocean Dynamics

Description of duties: Topics of research we have in mind involve bottom mixing turbulence in the ocean; interactions between geostrophic flow, internal waves, and bathymetry; non-stationary processes in the ocean; etc. However, applicants have considerable freedom to propose their own research ideas, should they choose to do so. We expect the candidate to develop fundamental knowledge in these areas, using primarily theoretical and numerical models of various complexities.

The successful candidate will complement and have the opportunity to collaborate with the Department's vibrant Earth, Atmospheric and Planetary Physics group (<https://www.physics.utoronto.ca/research/eapp>), which we are a part of. The research setting at the University of Toronto is further enriched by the existence of the University-wide Centre for Global Change Science as well as the School of the Environment. Computational facilities include SciNet, the most powerful university-based advanced research computing facility in Canada. For more information about the Department of Physics, please visit us at <http://www.physics.utoronto.ca/>.

Salary: CA\$50,000/year.

Please note that should the minimum rates stipulated in the collective agreement fall below the rates stated in this posting, the minimum rates stated in the collective agreement shall prevail.

Required qualifications: Ph.D. in physical oceanography, fluid dynamics, or equivalent.

Application instructions

All individuals interested in this position must submit a cover letter, a current curriculum vitae that includes a current list of publications and presentations, the contact information of at least two referees, and any additional documentation that the applicant deems relevant, to Nicolas Grisouard (nicolas.grisouard@utoronto.ca), by the closing date or until the position is filled. Please combine all documents into a single PDF file or file archive.

Closing date: January 31st, 2019. Applicants should endeavour to have all documentation submitted by this closing date, but we will accept applications until the position is filled.

Supervisor: Nicolas Grisouard

Expected start date: The expected start date is flexible, but can be as early as February 11, 2019.

Term: 12 months, with the possibility of an additional 12-month renewal

FTE: 100%

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.