

UNIVERSITY OF TORONTO
DEPARTMENT OF PHYSICS
Faculty Position in Experimental Climate Physics

The Department of Physics, and the School of the Environment at the University of Toronto invite applications for a cross-appointed tenure-stream appointment in Experimental Climate Physics (51% Department of Physics & 49% School of the Environment). The appointment will be at the rank of Assistant Professor, commencing **July 1, 2014**.

We seek a candidate with a focus on remote sensing of climate variables that can be used in high-resolution models to improve scientific knowledge of the origins and nature of regional climate variability on decadal to centennial time scales, with an emphasis on processes occurring at high latitudes. Possible research areas include chemistry-climate feedbacks, clouds and aerosols, polar climate variability, sea-ice retreat, Arctic climate and cryosphere, atmosphere-cryosphere interactions, and carbon reservoirs. We are particularly interested in applications from candidates whose research program fits well with the Earth, Atmospheric and Planetary Physics group and within the newly established School of the Environment.

Applicants should have a strong background in physics and mathematics as well as a Ph.D, by date of appointment or shortly thereafter, in physics, atmospheric science, or a related field, with proven or potential excellence in research. The appointee will also demonstrate proven or potential excellence in teaching and will contribute to the education and training of undergraduate and graduate students in both Physics and the School. The research setting of this program at the University of Toronto is further enriched by the existence of the Centre for Global Change Science. Salary will be commensurate with qualifications and experience.

All qualified candidates are invited to apply on-line to:

<https://utoronto.taleo.net/careersection/10050/jobdetail.ftl?=1301140>

and refer to Requisition **ID 1301140**. Applications should include a cover letter, curriculum vitae, teaching dossier (including a statement of teaching philosophy), and a statement outlining current and future research interests. If you have questions about this position, please contact jobs@physics.utoronto.ca. All application materials should be submitted online.

The UofT application system can accommodate up to five attachments (10MB) per candidate profile; please combine attachments into one or two files in PDF/MS Word format. Submission guidelines can be found at: <http://uoft.me/how-to-apply>.

Applicants should also ask at least three referees to send letters directly to the Department of Physics via e-mail to chair@physics.utoronto.ca, by the closing date, December 1, 2013.

Applications will be reviewed beginning December 1, 2013 until the position is filled. Those received by December 1, 2013 will be given first consideration.

We invite prospective candidates to visit our home pages:

Department of Physics - www.physics.utoronto.ca

School of the Environment - www.environment.utoronto.ca

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply, however, Canadians and permanent residents will be given priority.