

# Connaught Summer Institute in Arctic Science: Atmosphere, Cryosphere, and Climate

## Applications are invited for the 2016 Connaught Summer Institute in Arctic Science

The Connaught Summer Institute in Arctic Science: Atmosphere, Cryosphere, and Climate brings together students and established scholars who are engaged in Arctic research, to provide an understanding of the Arctic climate and the processes that control it, and to establish an interdisciplinary forum in which they can discuss current challenges and identify emerging research opportunities in this area. The Summer Institute is supported by the University of Toronto's Connaught Fund and builds on the Summer School program developed by the NSERC CREATE Training Program in Arctic Atmospheric Science (CREATE-AAS). It is affiliated with three NSERC-funded networks: Probing the Atmosphere of the High Arctic (PAHA), the Network on Climate and Aerosols (NETCARE), and the Canadian Sea Ice and Snow Evolution (CanSISE) Network. The Summer Institute spans the disciplines of physics, chemistry, earth sciences, geography, environmental science, and related areas, and encompasses the use of experimental, field observation, and modelling methodologies to study the Arctic region.

We are pleased to invite applications for our second Connaught Summer Institute, offered from July 18 to 22, 2016 in Alliston, Ontario. It is intended for graduate students and postdoctoral fellows engaged in Arctic research. It is open to students from across the University of Toronto, as well as from other institutions, both national and international. Attendees will have the opportunity to learn from experienced researchers in a small and comfortable setting. Students will also participate in professional development activities; engage in a diverse career panel discussion; develop strategies for linking scientific knowledge to public engagement, education and outreach; and present their own research during a poster session.

**Topics** to be covered include Arctic paleoclimatology, the Arctic climate system, climate modelling, causes of changes in Arctic sea ice, high-latitude snow processes, Arctic aerosols, composition-climate interactions, tropospheric halogen chemistry in the Arctic, stratospheric ozone and chlorine chemistry, the carbon cycle, aerosols and climate, atmospheric measurement techniques, Arctic archeology, Inuit heritage, and science communications. **Speakers** will include **Peter Braesicke** (Karlsruhe Institute of Technology), **Ray Clement** (EnviroAnalysis, formerly with the Ontario Ministry of the Environment), **Brian Connor** (BC Consulting Ltd., NZ), **Chris Derksen** (Environment and Climate Change Canada), **Sarah Finkelstein** (University of Toronto), **John Fyfe** (Environment and Climate Change Canada), **Gabrielle Gascon** (Environment and Climate Change Canada), **Dorothy Gordon** (Senior HR Consultant), **Patrick Hayes** (Université de Montréal), **Bob Holmes** (New Scientist magazine), **Bill Simpson** (University of Alaska Fairbanks), **Boyd Tolton** (Synodon Inc.), **Deborah Kigjugalik Webster** (Author and Heritage Researcher), and **Debra Wunch** (University of Toronto).

Admission to the Summer Institute includes all on-site food and accommodation. A chartered bus will be available to take attendees to and from downtown Toronto, however, attendees are responsible for travel between their home institution and Toronto or Alliston. To apply, please fill out the application form obtained from the Opportunities section of the CREATE-AAS website ([http://www.candac.ca/create/CSI\\_Arctic\\_science\\_application\\_form\\_2016.pdf](http://www.candac.ca/create/CSI_Arctic_science_application_form_2016.pdf)). A completed application must also include a CV and a short letter of support from the applicant's supervisor. Please submit your application by email to [csi-arctic-science@atmosph.physics.utoronto.ca](mailto:csi-arctic-science@atmosph.physics.utoronto.ca).

**Location:** Nottawasaga Inn, Alliston, Ontario, Canada. **Dates:** July 18- 22, 2016.

**Eligibility:** Open to Canadian and international graduate students and post-doctoral fellows.

**Tuition:** There are no tuition fees, but attendees must cover the cost of return travel from their home institution.

**Application Deadline: Monday, May 30, 2016**

### Contact Information

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