

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

Applications are invited for the 2017 Connaught Summer Institute in Arctic Science

The Connaught Summer Institute in Arctic Science: Atmosphere, Cryosphere, and Climate brings together students and 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 issues and research opportunities. 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 third Connaught Summer Institute, offered from July 17 to 21, 2017 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: This year, the program will be linked to the North2Warm initiative, which is examining the impact of 1.5°C or greater global warming on Canada's North. Topics will include the Arctic climate system, observed changes, projected changes under different warming scenarios, and impacts and adaptations underway and anticipated, as well as high-latitude climate dynamics, sea ice observations, lake/land-atmosphere interactions, atmospheric composition and air quality, Arctic aerosols, permafrost engineering, climate modelling, and more.

Speakers include **Jonathan Abbott** (U Toronto), **Amir Aliabadi** (U Guelph), **Lukas Arenson** (BGC Engineering Inc.), **Claude Duguay** (U Waterloo), **Dan Falk** (Science Journalist), **Steve Howell** (Environment and Climate Change Canada), **Alexandra Jahn** (U Colorado Boulder), **Paul Kushner** (U Toronto), **Kent Moore** (U Toronto), **Kerri Pratt** (U Michigan), **Michael Sigmund** (Canadian Centre for Climate Modelling and Analysis, ECCO), and **Francis Zwiers** (Pacific Climate Impacts Consortium).

Admission to the Summer Institute includes all on-site food and accommodation. A chartered bus will 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 at http://www.candac.ca/create/CSI_Arctic_science_application_form_2017.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.

Location: Nottawasaga Inn, Alliston, Ontario, Canada. **Dates:** July 17- 21, 2017.

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 29, 2017

Contact Information

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