



# NSERC CREATE Training Program in Arctic Atmospheric Science



University of Toronto | Dalhousie University | University of New Brunswick | Université de Sherbrooke  
York University | University of Waterloo | University of Western Ontario | University of Saskatchewan  
Environment Canada | University of Idaho | University of Wisconsin | NOAA

## 2011 Summer School in Arctic Atmospheric Science

The NSERC CREATE Training Program in Arctic Atmospheric Science is a six-year project, begun in 2010 and supported by NSERC's Collaborative Research and Training Experience Program. Our Program takes advantage of the unique capabilities of the Polar Environment Atmospheric Research Laboratory (PEARL), which is run by the Canadian Network for the Detection of Atmospheric Change (CANDAC) and located at Eureka, Nunavut. Our goal is to significantly enhance the educational opportunities available to young researchers interested in polar, atmospheric, and climate sciences, enabling them to build collaborations, and to develop scientific, technical, communications, and organizational skills.

We are pleased to announce a Summer School addressing the broad theme of Arctic Atmospheric Science, offered from July 11 to 15, 2011 in Alliston, Ontario. The Summer School is intended for graduate students and postdoctoral fellows working in this field, with some places available for CREATE undergraduate summer interns. Attendees will have the opportunity to learn from experienced researchers in a small and comfortable setting. In addition to classroom lectures, students will have an opportunity to present their own research and to attend a field trip to Environment Canada's Centre for Atmospheric Research Experiments (CARE) in Egbert, Ontario.

**Topics** to be covered include Arctic climate change, Arctic ozone loss and climate, atmosphere-surface exchanges and impacts on permafrost and sea-ice, terrestrial ecosystem change in the Arctic, applied micrometeorology in the Arctic, high-latitude dynamics, modelling long-range transport, remote sensing, and Arctic measurement networks.

**Confirmed speakers** include **James Drummond** (Dalhousie University), **David Hik** (University of Alberta), **Matthew Hitchman** (University of Wisconsin-Madison), **Dylan Jones** (University of Toronto), **Markus Rex** (Alfred Wegener Institute), **Ralf Staebler** (Environment Canada), and **Taneil Uttal** (NOAA).

Admission to the summer school 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 website ([www.candac.ca/create](http://www.candac.ca/create)). A complete application must also include a CV and a letter of support from the applicant's supervisor. Please submit your application to [create\\_summerschool@atmosph.physics.utoronto.ca](mailto:create_summerschool@atmosph.physics.utoronto.ca).

**Location:** Nottawasaga Inn, Alliston, Ontario, Canada. **Dates:** July 11-15, 2011.

**Eligibility:** Open to Canadian and international graduate students and post-doctoral fellows, as well as CREATE summer undergraduate interns. **Tuition:** There are no tuition fees, however, attendees must cover the cost of return travel from their home institution. **Application Deadline:** May 25, 2011.

### Contact Information: CREATE Training Program Director

Professor Kimberly Strong

Department of Physics, University of Toronto

60 St. George Street

Toronto, Ontario, M5S 1A7, Canada

Email: [create\\_summerschool@atmosph.physics.utoronto.ca](mailto:create_summerschool@atmosph.physics.utoronto.ca)

