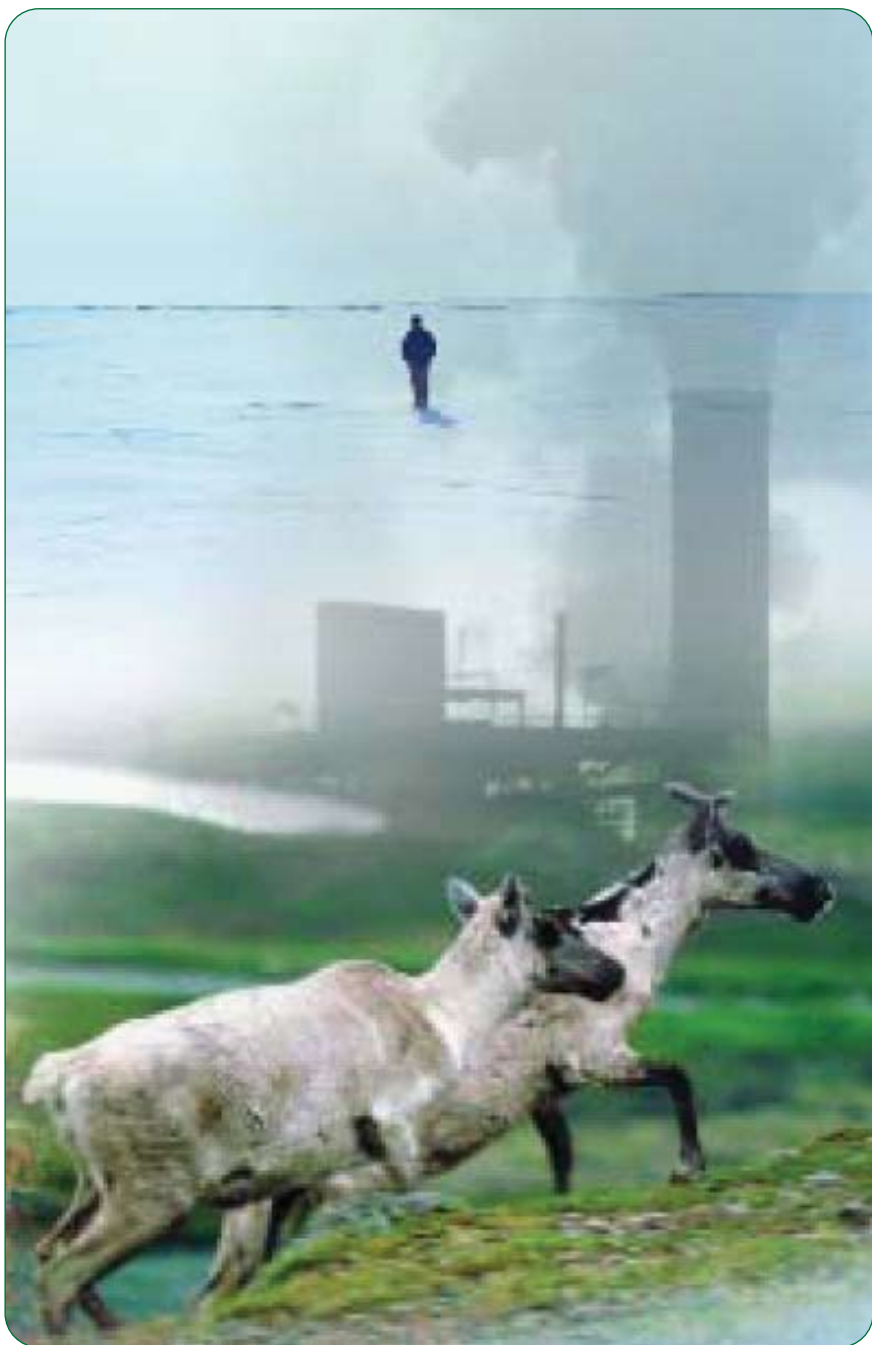


## SHORT-DURATION M.Sc. OPPORTUNITY IN ENVIRONMENTAL SCIENCES/CHEMISTRY (May 2012-August 2013)



I am looking for a highly motivated and intellectual environmental science/chemistry student to conduct M.Sc. research quantifying concentrations of contaminants in lichen and soils from the high Arctic region of Canada. This socio-environmental study was initiated because northern Inuit peoples use caribou that graze on these lichens as traditional country food. Because the samples have already been collected, this project is primarily laboratory-based, where you will gain valuable experience in novel and specialized analytical techniques such as ultra-clean protocols, mercury analyses and isotope-dilution inductively coupled plasma mass spectrometry, as well as experience in data analyses and manuscript writing.

*The proposed timeline for this short M.Sc. study is as follows:*

- May-September 2012: Laboratory analyses of samples for contaminants;
- September 2012-April 2013: Complete analyses, required graduate courses (2) and undergraduate teaching hours;
- May-July 2013: Complete writing thesis;
- August 2013: Defend thesis and submit manuscript for publication.

If you are interested in this unique M.Sc. opportunity, please contact:

Dr. Vincent St. Louis

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Website: [http://oz.biology.ualberta.ca/faculty/vincent\\_stlouis/](http://oz.biology.ualberta.ca/faculty/vincent_stlouis/)