



## **Trent grad named first Bondar Fellow**

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Polar scientist Derek Mueller has been chosen to receive the first Roberta Bondar Fellowship in Northern and Polar Studies commencing on May 1, Trent University has announced.

Mueller got his start in polar research while earning his bachelor of science degree at Trent where he studied the White Glacier on Axel Heiberg Island, Nunavut.

An expert polar scientist with both Arctic and Antarctic experience, his research explores the impacts of climate change to polar lakes, glaciers, ice shelves and sea ice as well as ice-dependent ecosystems.

"I'm looking forward to being at Trent again as my academic home," Mueller, who graduated from Trent in 1996, states in a release from the university.

"This will be a wonderful opportunity to get students excited about the significant changes going on in the Arctic, just like Trent inspired me."

Mueller discovered in 2002 that the Ward Hunt Ice Shelf on Ellesmere Island had split into two halves and that a massive freshwater lake retained behind the shelf drained into the Arctic Ocean.

Most recently, he has been working at the Geophysical Institute in Fairbanks, Alaska, where he used remote sensing to document the calving of the Ayles Ice Shelf and learn more about how climate change is impacting perennially ice-covered lakes.

Before beginning his fellowship with Trent, Mueller is taking part in a two-week expedition to Nunavut as one of three scientists accompanying the Canadian Rangers on sovereignty patrols of the High Arctic.