

# CWSF 2006 - Saguenay, Québec



## Ian Chenier

### Robots In The North

**Division:** Earth & Environmental Sciences

**Category:** Junior

**Region:** Kitikmeot

**City:** Cambridge Bay, NU

**School:** Kiiliniq H.S.

**Abstract:** This project researched the uses of robots in cold weather climates like the Arctic and Antarctic. A robot was built to demonstrate the ability of a machine to measure the lengths of the sides of a rectangular shape with the idea of determining perimeter and area. Real examples of robotics in cold weather climates are described.

Awards	Value
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Computing & Information Technology - Junior Sponsor: Intel of Canada, Ltd.	\$700
Total	\$2 200