

# CWSF 2010 - Peterborough, Ontario



## Dylan Kassian

### See O2 Effects

**Division:** Health Sciences

**Category:** Junior

**Region:** Northern British Columbia

**City:** Fort St. John, BC

**School:** Bert Bowes Jr Secondary

**Abstract:** The purpose of this project is to investigate if freshwater and saltwater will act a carbon sinks. This project will determine if carbon dioxide (CO<sub>2</sub>) will have a larger impact on freshwater or saltwater. A close watch was kept on the pH levels of the water. Temperature variations and decreased salinity will be tested. I determined that freshwater at cold temperatures absorbs the most CO<sub>2</sub>.

### Biography

I am a Grade 8 student at Bert Bowes Junior Secondary School in Fort St. John, BC. I have made it to the Northern BC Regional Science Fair four times and this will be my second CWSF. I have won the BC Hydro Power Smart award, Enviro Expo award, and the Federation of B.C Naturalists Award. Last year at the Canada wide science fair I won a bronze medal. I enjoy all outdoor activities such as four-wheeling, snowmobiling, boating, hunting and fishing. In 2008, I traveled to Africa on a hunting safari which was an amazing experience. Playing fastball is a sport I enjoy and I have gone to provincials twice.

### Awards

### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Earth & Environmental Sciences - Junior Sponsor: Suncor Energy Inc.	\$300
Total	\$1 300