

## CWSF 2005 - Vancouver, British Columbia



### Alex Girdner, Brock Bieber

#### Exploring the Cost of SUV Exhaust

**Division:** Earth & Environmental Sciences

**Category:** Intermediate

**Region:** St. James-Assiniboia

**City:** Winnipeg, MB

**School:** Westwood Collegiate

**Abstract:** The burning of fossil fuels is impacting our environment as seen in global warming and ground smog. This experiment tested three SUVs for CO<sub>2</sub>, CO, and CnHm. Emissions were compared when regular and ethanol blended fuels were used. Pre and post tune-up emissions were also assessed.

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 - Intermediate Sponsor: Petro-Canada	\$300
Total	\$1 300