

# CWSF 2006 - Saguenay, Québec



## Amanda Affleck

### Distractions and Reactions

**Division:** Life Sciences

**Category:** Intermediate

**Region:** Qu'Appelle Valley

**City:** Pilot Butte, SK

**School:** Greenall School

**Abstract:** This project investigates the braking reaction time of driving with a cell phone or a hands free device, compared to distraction free driving. Braking reaction time was tested using a driving simulator. When travelling at a velocity of 100km/h, drivers using a cell phone had a considerably slower reaction time compared to the hands free and distraction free trials.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Honourable Mention - Health Sciences - Intermediate Sponsor: Canadian Institutes of Health Research	\$100
Gold Medal - Automotive - Intermediate Sponsor: AUTO21	\$1 500
Total	\$3 600