

# CWSF 2006 - Saguenay, Québec



## Riley O'Hagan

### A Curve in the Road

**Division:** Health Sciences

**Category:** Junior

**Region:** Bluewater

**City:** Walkerton, ON

**School:** Brant Township Central E.S.

**Abstract:** Transportation vehicles carrying loads with a high centre of gravity can become unstable when entering a curve due to an increase in lateral g-force. Using a device to shift the load to the inside of the curve and to tip it in the opposite direction of the g-force would change its centre of gravity, increasing the force required to tip the load over.

Awards	Value
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Automotive - Junior Sponsor: AUTO21	\$700
Total	\$2 200