

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 |