

## CWSF 2014 - Windsor, Ontario



### Owen Falkenham

#### Hit or Miss: The Science of Distracted Driving

**Challenge:** Innovation

**Category:** Junior

**Region:** Halifax

**City:** Halifax, NS

**School:** Bedford Academy

**Abstract:** With the recent rise in distracted driving related car accident, it was wondered what the effectiveness of a vehicle based anti-distracted driving system would be. The focus of this project was to come up with such a prototype and test if it was effective in bringing a distracted driver's attention back to the road, and to what extent.

#### Biography

My name is Owen Falkenham. I am 14 and in grade 8 at Bedford Academy. I play hockey and basketball. I got my inspiration for the project from the media coverage of the many accidents in the Halifax area, and the new measures being put in in the area at crosswalks to try and stop distracted drivers (zebra stripes, flags, etc.). Thinking a vehicle based system might be more effective I built prototype and tested its effectiveness. In the future I would like to convert this project to an eye tracking system and implement it into a car.

#### Awards

#### Value

Carlson Wagonlit Award - Junior Sponsor: Carlson Wagonlit Travel	\$500
<b>Total</b>	<b>\$500</b>