

# CWSF 2008 - Ottawa, Ontario



## Jenna Schlorff

### Think Fast!

**Division:** Health Sciences / Automotive

**Category:** Junior

**Region:** Bluewater

**City:** Hanover, ON

**School:** Holy Family E.S.

**Abstract:** This project examined whether LEDs or incandescent light bulbs would result in better brake lights for vehicles. Tests were conducted on one thousand people in order to determine their reaction times to the two lights. The lifespan of the lights was also studied. The results of both tests clearly demonstrated that LEDs are the superior choice for use as brake lights by the automotive industry.

### Biography

My name is Jenna Schlorff. I have lived in Hanover Ontario all of my life. I attend Holy Family School and I am in grade seven. I participate in the school choir, band, yearbook committee, recorder club and the skipping team. I altar serve in my church and I work at CMR, an Insurance company. I would like to be a Pharmacist when I grow up. For the past two years when I participated in the Bluewater Regional Science and Technology Fair I received the Freddy Fusion Best of Fair award. I enjoy completing a Science Fair Project every year. I am very honoured to be representing my region at the 2008 Canada-Wide Science Fair.

### Awards

### Value

CSSE Engineering Innovation Award - Junior Sponsor: Canadian Society for Senior Engineers	\$500
Carlson Wagonlit Award - Junior Sponsor: Carlson Wagonlit Travel	\$500
Petro-Canada Peer Innovation Award - Junior - Ontario South Sponsor: Petro-Canada	\$200
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
Silver Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$700
<b>Total</b>	<b>\$4 100</b>