

# CWSF 2012 - Charlottetown, Prince Edward Island



## Robert Fournier, Logan Burns

### Distraction Factor

**Challenge:** Information

**Category:** Senior

**Region:** Rideau-St. Lawrence

**City:** Smiths Falls, ON

**School:** Smiths Falls District Collegiate Institute

**Abstract:** Distraction Factor focuses on how different conversations affect a person's concentration. The project identifies an individual's 'Concentration Level' and the distraction factors of audio conversations on their concentration. Distraction Factor's main objective is to help the public be aware of what distractions to avoid when involved in a situation needing their full attention, such as driving, to eliminate dangerous activities such as distracted driving.

### Biographies

Robert - As new drivers, both my partner Logan and I have noticed the dangers of distracted driving. We witnessed, first hand, how significant a hazard a distracted driver can be to not only other drivers but to other pedestrians too. So, we decided to create a science fair project to test how distractions affect your ability to concentrate on a task. Distraction Factor was created from our curiosity into what was affecting these individuals from paying attention to the highly important task of operating a vehicle. I am 17 years old and a member of the local Student Council at the high school and have helped with social causes such as the Belarus Year...

Logan - As young drivers, my partner and I witnessed distracted driving on a regular basis. This got us thinking about the different types of distractions present on our roadways, and whether certain distractions had a greater impact on a person's ability to concentrate. This train of thought would eventually lead to the creation of our project, Distraction Factor. During high school I have maintained above a ninety percent average quite consistently, while participating in school activities such as the Track and Field team and the Belarus yearbook club. I would definitely recommend participating in science fair to anyone who might be unsure about en...

### Awards

### Value

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|---|----------------|
| Challenge Award - Information - Senior<br>Sponsor: Intel of Canada, Ltd.  | \$1 000        |
| Excellence Award - Senior - Bronze Medal<br>Sponsor: Nuclear Waste Management Organization  | \$300          |
| University of Ottawa Entrance Scholarship<br>Senior Bronze Medallist - \$1000 Entrance Scholarship<br>Sponsor: University of Ottawa | \$1 000        |
| Western University Scholarship<br>Bronze Medallist - \$1000 Entrance Scholarship<br>Sponsor: Western University                     | \$1 000        |
| <b>Total</b>  | <b>\$3 300</b> |