

# CWSF 2008 - Ottawa, Ontario



## Ai Quoc Bui

### Dying For A Sleep

**Division:** Health Sciences / Automotive

**Category:** Senior

**Region:** Windsor

**City:** Windsor, ON

**School:** Assumption College S.S.

**Abstract:** An eye detection system established to detect the movement of the eyelids while driving when drowsiness occurs, then this system will alert the driver and prevent a serious injury or crash because research shows that slow blinking movement, closure of the eyes and head nodding are the first signs of sleepiness or fatigue.

#### Biography

my name is AiQuoc Bui, I was born in Roth, Germany on April 22nd 1990. My parents came from Vietnam and lived in Germany for about 17 years. I am bilingual, i speak fluent Vietnamese, English and i also used to speak German very well. Some things i like to do are paintball and play football. I go to Assumption high school ,I'm in grade 12 . I am involved with some of my school sports and activities such as: football team, badminton team, track and "field", Italian club, and multicultural club I have not set my mind on a career yet but it is probably going to deal with engineering.

#### Awards

#### Value

The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
The Manning Innovation Achievement Award and \$4000 Manning Young Canadian Innovation Award Sponsor: Ernest C. Manning Awards Foundation	\$4 000
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
Silver Medal - Automotive - Senior Sponsor: AUTO21	\$700
<b>Total</b>	<b>\$11 700</b>