

## CWSF 2007 - Truro, Nova Scotia



### Ai Quoc Bui

#### Steering Wheel Safety System Senses Driver Fatigue

**Division:** Health Sciences / Automotive

**Category:** Senior

**Region:** Windsor

**City:** Windsor, ON

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

**Abstract:** My project is based on a modified steering wheel that senses when a driver falls asleep. The steering wheel is installed with seven SPDT submini lever pressure switches. The steering wheel was modified to meet the impact, fatigue and N.V.H. standards required by auto makers.

#### 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 trilingual i speak fluent Vietnamese, English and i used to speak German very well. Some things i like to do are paintball and play football. I go to Assumption highschool ,I'm in grade 11. 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 i do know that i love technology. All i know is that i will be some type of engineer in the future.

#### Awards

#### Value

Honourable Mention - Automotive - Senior Sponsor: AUTO21	\$100
Total	\$100

