

CWSF 2006 - Saguenay, Québec



Nirusan Jayaranjan

Safe Streets: Preventing Drunk Drivers

Division: Health Sciences

Category: Junior

Region: St. James-Assiniboia

City: Winnipeg, MB

School: Bruce Middle School

Abstract: In Canada over 222,260 people are injured every year in alcohol related crashes. I wanted to see if I could create a device that can immobilize a vehicle if the driver is under the influence of alcohol using a breathalyzer and Parallax BASIC stamp. I was able to create a system which would prevent drunk drivers from operating a motor vehicle.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Automotive - Junior Sponsor: AUTO21	\$300
Bronze Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$300
Total	\$1 600