

CWSF 2013 - Lethbridge, Alberta



Rosaele Tremblay

Black Ice Vehicle Detector

Challenge: Innovation

Category: Senior

Region: East Kootenay

City: Fernie, BC

School: The Fernie Academy

Abstract: My innovation is a device placed in a car which will be able to determine if black ice is present on the road. The results showed that multiple cameras programmed in a specific way can highlight slippery areas. With these results, I can now design a simple setup to be installed in cars and raise an alarm whenever driving conditions become hazardous.

Biography

My name is Rosaele Tremblay. I speak three languages (French, German and English), play the piano in my free time and take singing lessons as well. I work at the swimming pool as a slide attendant but plan on becoming a lifeguard very soon. Last year I went on a three week trip to Peru to bring supplies and clothes for street boys and work with them. It was an unforgettable experience and this year we are heading out on a German exchange for two weeks in the summer. I enjoy learning new things and I have an interest in sciences and plan to pursue a medically related career, most likely surgery.

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	\$100
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$2 100