

## CWSF 2007 - Truro, Nova Scotia



### Mike MacIsaac

#### The Amazing Alter-Leg

**Division:** Health Sciences / None

**Category:** Intermediate

**Region:** Cape Breton

**City:** Sydney, NS

**School:** Riverview High School

**Abstract:** The "Alter-leg" is an innovation that incorporates the use of material such as springs, sponge, and a heel stirrup to create a device that relieves pressure off of one's foot in order to decrease the length of time a person with a broken leg needs to use crutches. After numerous tests, the "Alter-Leg" proved to be more convenient and safer compared to crutches.

#### Biography

hey Im Mike MacIsaac and I am 16 years old. I go to Riverview High School in Coxheath, Nova Scotia. I enjoy playing hockey, drumming, skateboarding, snowboarding and lots lots more.

#### Awards

#### Value

S.M. Blair Family Foundation Award - Intermediate Sponsor: S.M. Blair Family Foundation	\$750
Petro-Canada Peer Innovation Award - Intermediate - Atlantic Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$700
Total	\$3 150