

## CWSF 2009 - Winnipeg, Manitoba



### Brian Larson

#### SafeD Pet Solutions

**Division:** Health Sciences / Automotive

**Category:** Intermediate

**Region:** Alberta Central East

**City:** Hanna, AB

**School:** J.C. Charyk Hanna School

**Abstract:** This project focused on the alpha prototype development of a device designed to monitor a number of pre-determined conditions within an environment to ensure the safety and comfort of a pet(s) when left unsupervised. The Pet SafeD Monitor sends values of temperature, peak temperature within an interval, humidity and calculated humidex to an individual (pet owner) carrying a cell phone via text messaging.

#### Biography

I am a grade nine student from Hanna, Alberta. I live on a small ranch with my parents and three sisters. My interests include most sports, wildlife, music and outdoor activities such as hunting, fishing, camping etc. I play center guard on the high school football team. In the winter, I curl competitively and spend most weekends traveling to bonspiels and competitions. In the summer, I spend as much time as possible on the golf course. I also work part time at the golf course. I'm a volunteer and committee member for the Hanna Chapter of Ducks Unlimited and a member of the Hanna Rod and Gun Club. I would like to pursue a career in Fish and Wildlife upon completion of high school. Last year, I attended the CWSF in Ottawa. I had a fantastic time.

#### Awards

#### Value

S.M. Blair Family Foundation Award - Intermediate Sponsor: S.M. Blair Family Foundation	\$750
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Automotive - Intermediate Sponsor: AUTO21	\$700
Gold Medal - Engineering - Intermediate Sponsor: Youth Science Canada	\$1 500
<b>Total</b>	<b>\$6 450</b>

