

# CWSF 2019 - Fredericton, New Brunswick



## Jordan Fergani, Edward Xiong

### A.T.L.A.S.T: Auto Temperature Live Alert System Thermometer

**Challenge:** Innovation

**Category:** Junior

**Region:** Sudbury

**City:** Sudbury, ON

**School:** Lo-Ellen Park S.S.

**Abstract:** We created a device that notifies you when your child, pet and or any living, is left alone in your car experiencing heatstroke. Then detects the presence of any living being with a thermal camera and a motion camera. We then have a thermometer so when it reaches a dangerous temperature, it alerts you and sends a live video of what's happening in your vehicle.

#### Biographies

Jordan - My name is Jordan Fergani. I live in the Sudbury area where I attend Lo ellen park secondary school, in the intermediate division. We are so grateful to have one of the greatest communities to help us succeed. One of my hobbies out of school is debate and public speaking. I used this talent to become the prime minister of our Lo-Ellen Park intermediate wing. For the science fair, Our teacher told us to choose a topic that has impacted our world today. We checked CNN and found that a lady left her child in a car and her child experience heatstroke and died. We believe if she would've had a notification explaining that she has left her child, s...

Edward - My name is Edward Xiong and I'm in grade 8 at Lo-Ellen Park Secondary School, Sudbury. One of my interests is robotics which I've been involved in since grade 4. In grade 6, my robotics team won the Champion's Award at the Regionals level and went on to compete at the Provincial level. I was the lead programmer for the team. Also, my interests include graphic design, computer sciences and programming. I built a website for a consulting firm and competed in the Northern Gaming Design Challenge which was a competition to build a video game in 48 hours. My team competed against university students and I was the graphic designer. We were saddened...

#### Awards

#### Value

Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
Total	\$4 000