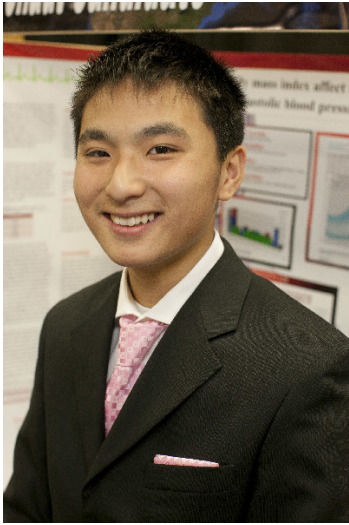


## CWSF 2011 - Toronto, Ontario



### Edward Wong

#### Astronaut Candidate by Heart

**Challenge:** Health

**Category:** Junior

**Region:** Cariboo Mainline

**City:** Lytton, BC

**School:** Kumsheen Elem-Secondary

**Abstract:** This project is an experimental approach to the study of heart rate recovery, systolic and diastolic blood pressure of teens aged 13-18 with different body mass indexes (BMI) after sprinting. The results were statistically analyzed by analysis of variance (ANOVA) among three BMI groups of normal, overweight and obese.

#### Biography

My name is Edward Wong, and I am a 13-year-old, grade 8 student of Kumsheen Secondary School in Lytton, British Columbia. This is the second year that I have qualified to attend the Canada-Wide Science Fair, following a bronze medal in environmental innovation last year. I am the number four of six finalists of YouTube contest held by Year of Science BC this year. I have survived from Kawasaki Disease and recovered as a normal person after having high fever of 104 degree for five weeks, four giant aneurysms, a blockage in my left coronary artery and a heart attack when I was four month-old. So, I was brought up to cherish every moment of my life and others. I do not know the exact career I am pursuing yet but something to do with helping lots of people. My interest includes hockey, basketball, soccer, baseball, electric guitar, drums, piano and chess. I particularly enjoy listening to and learning from others.

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