

## CWSF 2016 - Montreal, Quebec



### Jackson Price

#### Powered By Spit

**Challenge:** Energy

**Category:** Junior

**Region:** Northern British Columbia

**City:** Dawson Creek, BC

**School:** Dawson Creek Secondary - Central Campus

**Abstract:** Powered by Spit is a project based on the construction of a micro-sized microbial fuel cell which uses bacteria to harvest energy from human saliva. Built with a unique graphene anode, the micro-sized device is more efficient than traditional microbial fuel cells and is able to produce a microwatt of power.

#### Biography

My name is Jackson Price and I live in Dawson Creek British Columbia. I am 13 years old and in grade 8 at Central Middle school in a French immersion program. This will be my second time attending CWSF. I love to play chess and do sports. I play golf, baseball and basketball. I have a yellow belt in Kyokushin karate and am a Royal Canadian Air Cadet from 353 Mile Zero Squadron. I have multiple long-term goals which include ending basic third world problems, making the new york times best selling list, getting a black belt in karate and becoming an international business man with interests in real estate, energy and technology. I enjoy science and doing chemistry experiments. I was inspired to do this project because I want to help people in third world countries. I am interested in exploring alternative energy sources. I would tell other students to find a project you are passionate about and stay with it. I look forward to meeting scientists from all over Canada.

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000