

# CWSF 2018 - Ottawa, Ontario



## Cameron McMillan

### Trainium

**Challenge:** Innovation

**Category:** Intermediate

**Region:** Prairie Valley

**City:** Craven, SK

**School:** Lumsden High

**Abstract:** The TRAINIUM is a rail tank car designed to replace the DOT 111 the rail tank car currently used in the rail transportation industry. Based upon its innovative design, I have determined that the TRAINIUM is a safer mean for the railway industry to transport crude oil.

### Biography

Hello, My name is Cameron McMillan i live on a farm just out side of Craven SK, I'm a very active i enjoy playing sports and working with my hands on the farm. I attend Lumsden high school i'm currently in grade 10 and hopefully once i graduate i would like to attend university to become a mechanical agriculture engineer and work on fixing, building, and re-designing farming equipment. I've had many achievements throughout my life whether that be in sports of my academics I've been very fortunate to already attend CWSF in Fredericton 2015, so my idea for creating and building the TRAINIUM has been one if not my greatest achievement. I've had many young students at my last science fairs and in my school talk about science fair to me and ask many question on it,i always say that science fair is a very good way to get your ideas out there and gives you many opportunists to move on and see Canada at its national fairs but most importantly gives you a chance to get post secondary scholarships.

### Awards

### Value

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