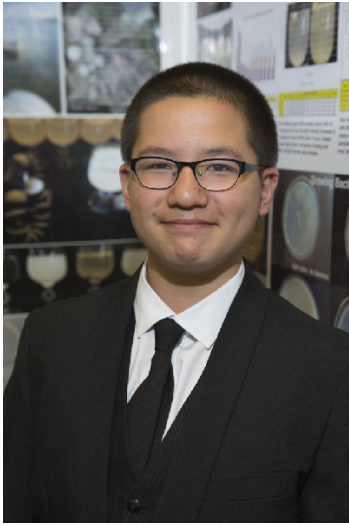


# CWSF 2016 - Montreal, Quebec



## Benjamin Ma

### Let's Do the Moringa

**Challenge:** Environment

**Category:** Junior

**Region:** Peel

**City:** Mississauga , ON

**School:** David Leeder Middle School

**Abstract:** Swimming in lakes is difficult to do these days due to high E.coli or other bacterial counts. Water is murky and smells swampy. In water purification plants, workers use a metal referred to as alum or aluminum sulfate. Alum is a metal and resonates with the "treated" water. In Let's Do the Moringa, Moringa seeds were tested in hopes of finding a new purification agent.

#### Biography

I am still an actor. I take my roles very seriously. But I also consider myself as a scientist. One question you may be asking is why moringa? and I will tell you. Last summer I was swimming in Lake Ontario. I immediately noticed how murky the water was. So when I got home I looked into methods on water purification. I found the traditional method:(Aluminum Sulfate) and then I found the Moringa seed. If you're looking into doing a project, I would say try to do something that interests you and that you are passionate about so you enjoy the whole science fair experience.

#### 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