

# CWSF 2016 - Montreal, Quebec



## Irene Ni, Angellica Nguyen

### In Love with the Coco

**Challenge:** Health

**Category:** Junior

**Region:** Peel

**City:** Mississauga, ON

**School:** Mentor College

**Abstract:** Our innovation explores a novel method of water decontamination by employing cacao husks and sapwood as adsorbent. Water pollution is devastating to millions, and those impacted most are typically inhabitants of countries producing cacao. Our aim is to alleviate this issue while also reducing the disposal problem cacao rinds, an agricultural byproduct, pose.

### Biographies

Irene - My name is Irene Ni, and I am currently a Grade 8 student attending Mentor College in Mississauga, Ontario. This is my first time at CWSF, however I did participate in the Peel Region Science Fair last year along with several fellow students. I am thrilled to be visiting Montreal. My passion lies in preserving ecology and the environment, which led me to pursue my topic. I am an honor student, and involved in various extracurriculars such as environment club and cross country skiing. I also play the alto saxophone. Outside of school, I enjoy fencing, fishkeeping and PC gaming.

Angellica - My name is Angellica Nguyen and I am currently 8 grade student that attends Mentor College in Mississauga, Ontario. This is my first time at CWSF and I am very excited to be going to Montreal. I am an honours student that participates in many extra-curricular activities such as Environment Club, Photography Club, and orienteering. I also play the saxophone, piano, and guitar. My hobbies include reading, snowboarding and travelling. I would love to further my research in the health sciences by becoming a paediatrician.

### 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