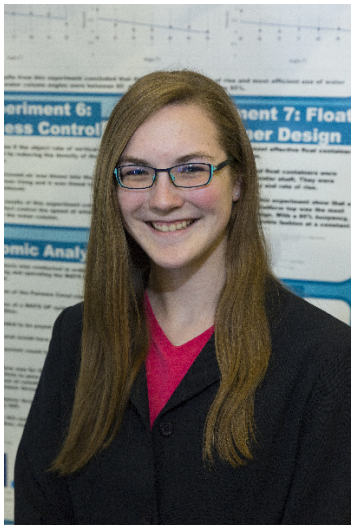
CWSF 2018 - Ottawa, Ontario



Monica Mahut

WATS UP: Water Activated Transportation System Uplifting Physics

Challenge: Innovation
Category: Intermediate
Region: Bay Area
City: Burlington, ON
School: M.M. Robinson H.S.

Abstract: The purpose of this project is to design, build and test a new, efficient mode of transportation for products travelling against gravity using volumetrically equivalent displacement of water. This methodology will lift masses with near 100% efficiency while preserving the ability for most marine life to travel the waterway. Effectively, this is a solar powered system that is simple and cost efficient.

Biography

My name is Monica Mahut. I'm in grade 10 at MM Robinson H.S. in Burlington, Ontario. My birthday is May 20th. Within my school, I participate in many extra-curricular activities such as the school Intermediate Reach for the Top team, the Eco club, the Jazz and Concert bands and the school Music Council. I participate in many extra-curricular activities outside of school such as taking lifesaving swimming courses, leadership courses, Polish Girl Scouting, piano lessons and Polish School classes. I have participated four times at the regional science fair and have won two silver medals and two gold medals. The inspiration for my project came from an article about a theory on how the Great Pyramids of Giza were built, called the Water Shaft Theory (which my project is based on). The possible plans for future investigations would have to do with new applications for my system and developing the system so it can be used in human transportation. The advice I would give to other students is to think outside of the box, always be curious and to not be afraid to try something new.

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