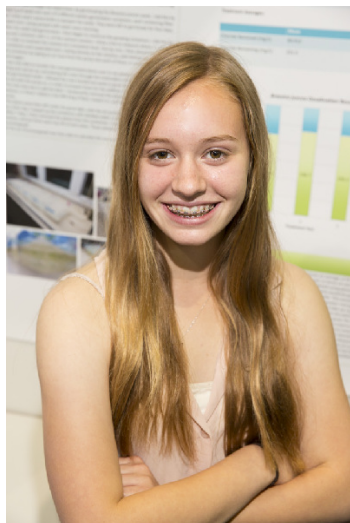


CWSF 2015 - Fredericton, New Brunswick



Hannah Vanderzwet

The Magic of Mustard

Challenge: Environment

Category: Junior

Region: Thames Valley

City: London, ON

School: Orchard Park P.S.

Abstract: "The Magic of Mustard", tests to see if Brassica juncea (indian mustard plants) could apply their phytoremediation properties to desalination. This project showed that hyperaccumulator plants such as Brassica juncea, would be able to go through the desalination process, and in a more environmentally friendly way than current methods.

Biography

Hannah Vanderzwet is a Grade 8 student at Orchard Park Public School, in London Ontario. She plays soccer, runs, dances, plays piano and swims. In past academic achievement, she has won a National Writing contest and has participated in science competitions with her school. Interested in environmental sciences, Hannah found inspiration for her project when learning about the many issues with our current desalination methods. In the future she is interested in further researching with her project in order to truly see the capabilities of Brassica juncea plants. For further projects simply look around and think of problems going on in our day to day world.

Awards

Value

Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 000