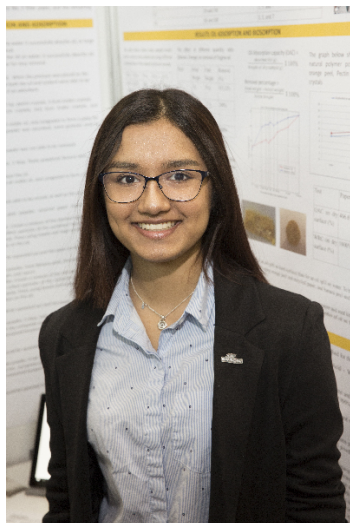


CWSF 2019 - Fredericton, New Brunswick



Mira Bhattacharya

An Eco-Friendly Method to Remove Oil and Other Contaminants Using Fruit Peels

Challenge: Environment

Category: Intermediate

Region: York

City: Concord, ON

School: St. Theresa of Lisieux Catholic H.S.

Abstract: Many polymers act as super-absorbers ? they absorb many times their weight in water and because of this, they are extremely useful in many environmental applications. The current methods of oil and contaminant removal from water are harmful to the environment. My project focuses on creating eco-friendly methods to re mediate this issue.

Biography

My name is Mira Bhattacharya, and I am currently a Grade 10 Student at STLCH in Richmond hill, Ontario. I enjoy reading, music, and art, as well as researching ideas in STEM, and volunteering in my community. In the future, I hope to pursue a career in the medical field. My project is about creating natural, and eco-friendly methods to clean water.

Awards

Value

York University STEM Entrepreneur Bootcamp Scholarship Awards All categories Sponsor: York University, Lassonde School of Engineering	\$2 500
Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$4 500