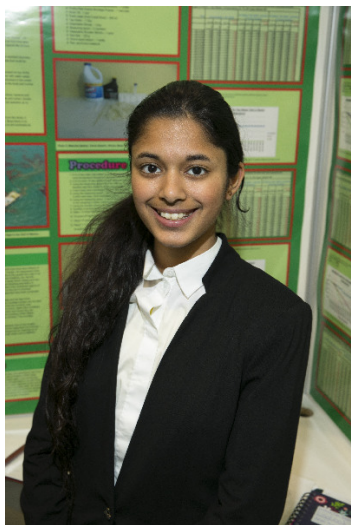


CWSF 2017 - Regina, Saskatchewan



Green Power of Cactus

Challenge: Environment

Category: Junior

Region:

City: ,

School:

Abstract: Chemical dispersants used for cleaning up oil spills in the ocean were found to be hazardous to marine and human life. As per the recent research, prickly pear cactus mucilage powder has been found to speed up the breakdown of oil for the microbes to eat them. Based on the experiment results, the cactus powder made a significant impact on the speed of the breakdown.

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