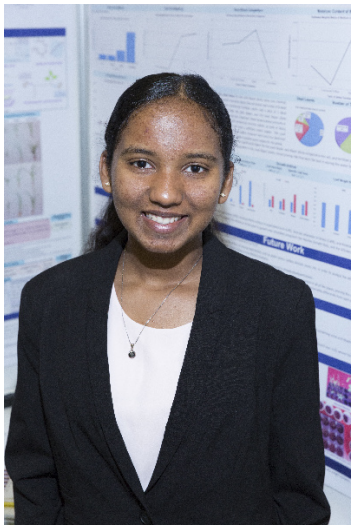
CWSF 2018 - Ottawa, Ontario



Madhumita Chandrasekaran

A Novel Approach to Efficiently Recycle Used Diapers in Optimizing Plant Growth

Challenge: Discovery
Category: Junior
Region: Manitoba Schools Science Symposium
City: Winnipeg, MB
School: Acadia School
Abstract: Landfill overpopulation, the food crisis, and the water shortage are concerns that may cause devastating effects. Diapers play a major role in landfills, so they were analyzed as an alternative to solving these issues and many others, while enhancing plant growth with a very necessary application to agriculture. Plant growth was analyzed using many parameters, variables, and derived calculations, enforcing the benefits of this method.

Biography

My name is Madhumita Chandrasekaran. I am 13 years old, and am in grade 8 at Acadia Junior High School (Winnipeg, Manitoba). I love debating, science, and math. I participate in sports such as badminton, basketball, swimming, dance, ultimate frisbee, etc. I also enjoy participating in volunteering activities. My future goal is to become a scientist, and I am particularly interested in the field of biology. My achievements include the most outstanding individual award (Junior division) from the Manitoba Schools Science Symposium, the best overall project at my school science fair, as well as third place at my regional SANOFI Biogenius competition. I would like to encourage other students to participate in science fair to benefit from the experience it provides, and gain inspiration from learning about new discoveries!

Awards	Value
The Actuarial Foundation of Canada Award - Junior Sponsor: The Actuarial Foundation of Canada	$500
Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	
Challenge Award - Discovery - Junior Sponsor: Youth Science Canada	
Western University Scholarship Gold Medallist - $4000 Entrance Scholarship Sponsor: Western University	$4 000
Total	$4 500

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