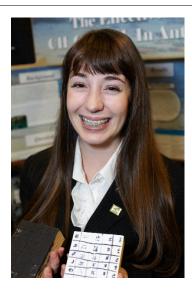




## CWSF 2012 - Charlottetown, Prince Edward Island



## **Moriah Harvey**

## CH3CH2OH-white latex paint as an antifouling agent

Challenge: Environment

Category: Senior

Region: Northwestern Ontario

City: Nipigon, ON

**School:** Sir Winston Churchill C.V.I.

**Abstract:** A natural anti-fouling paint that is more effective than chemical anti-fouling

paints currently on the market has been successfully created using ethanol and white latex paint. This natural anti-fouling paint is effective under short periods of time as well as prolonged periods of time (up to 4 months has

been tested) in fresh water.

## **Biography**

I have participated in three science fairs in elementary school; however my first science fair in secondary school took place in April of 2011. In Elementary school I always made it to the regional competition for the Superior North Shore Catholic School Board. I am currently in the IB program and attend Sir Winston Churchill CVI in Thunder Bay. Some of my passions (other than science) include singing; playing the flute; public speaking; canoeing; sailing; and other outdoor activities. As a singer I have competed and won many competitions; such as the Northwestern Ontario Jr. Youth Talent Search. Through singing I have also been given the opportunity of singing O' Canada for Prime Minister Stephen Harper twice. I was also chosen to attend the 2010 People To People Leadership Summit in L.A: which was a fantastic experience. Though I have many different hobbies and activities I definitely do enjoy Science, specifically biology and chemistry. I find it so fascinating how often science can be used to help people. Currently my future plan is to become a pediatric oncologist because I would be able to use two of my passions at once: science and helping people.

Awards	Value
Excellence Award - Senior - Silver Medal	\$700
Sponsor: Youth Science Canada	
Dalhousie University Faculty of Science Entrance Scholarship	\$2 500
Senior Silver Medallist - \$2500 Entrance Scholarship	
Sponsor: Dalhousie University, Faculty of Science	
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: The University of British Columbia (Vancouver)	
University of Ottawa Entrance Scholarship	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Ottawa	
Western University Scholarship	\$2 000
Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: Western University	
Total	\$9 200





