

ESPC 2012 - Charlottetown (Île-du-Prince-Édouard)



Moriah Harvey

CH₃CH₂OH-white latex paint as an antifouling agent

Défi: Environnement

Catégorie: Sénior

Région: Northwestern Ontario

Ville: Nipigon, ON

École: Sir Winston Churchill C.V.I.

Sommaire: 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.

Biographie

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.

Prix

Valeur

Prix d'excellence - Senior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	700,00 \$
Bourses d'admission de la Faculté des sciences de l'Université Dalhousie Médaille d'argent, sénior - Bourse d'admission de 2 500 \$ Commanditaire: Université Dalhousie, Faculté des sciences	2 500,00 \$
Prix d'admission en sciences de UBC (Vancouver) Médaille d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: The University of British Columbia (Vancouver)	2 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: Université d'Ottawa	2 000,00 \$
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	9 200,00 \$