

ESPC 2013 - Lethbridge (Alberta)



Lucas Oyeniran, Joshua MacDonald

Triple E: The Cattail Way!

Défi: Environnement

Catégorie: Sénior

Région: North Bay

Ville: North Bay, ON, Callander, ON

École: Widdifield Secondary

Sommaire: Our Project is a Triple E fuel spill absorbent product, designed for the primary intention of aiding in the clean up of hazardous hydrocarbon based spills, in hopes of replacing today's leading fuel sorbent products. This (E)nvironmental, (E)conomical, and (E)fficient product is made of the cattail plants "fluff" (Typha) and is completely hydrophobic and performs better than the leading oil-sorbent products used by industry today!

Biographies

Lucas - I am a 17 year old boy attending Widdifield Secondary School in North Bay, Ontario. In school, I am enrolled in science and math courses because I plan to become a physician in the future. Through school and extracurricular activities, I have won many honour awards and certificates. However, when I am not in school, I am playing soccer, basketball, and guitar. The inspiration for our project came from watching and reading news articles on large and small oil spills around the globe. We wanted to create a new way to clean up these spills that would be environmentally friendly, efficient, and economical! In the future we want to have large scale...

Joshua - I am a grade twelve student at Widdifield Secondary School in North Bay Ontario. With the plans of returning another year for a "victory lap", in order to take additional courses that interest me and to complete my Specialty High Skills Major in Design and Construction, and my Arts Nippissing minor in visual arts. My plans for post-secondary education will most likely entail applying to university for architecture or some form of engineering. Our inspiration for our project came about like many other ideas, the need to solve a greater problem. For our problem we wanted to tackle something environmental related because it is a very important i...

Prix	Valeur
Prix du concours junior canadien au sujet de l'eau, à Stockholm Commanditaire: Les associations membres canadiennes de la WEF, l'Association canadienne des eaux potables et Jacobs	300,00 \$
Prix du défi - Environnement - Sénior Commanditaire: Encana Corporation	1 000,00 \$
Prix d'excellence - Senior - Médaille d'or Commanditaire: Sciences jeunesse Canada	700,00 \$
Bourses d'admission de la Faculté des sciences de l'Université Dalhousie Médaille d'or, sénior - Bourse d'admission de 5 000 \$ Commanditaire: Université Dalhousie, Faculté des sciences	5 000,00 \$
Prix d'admission en sciences de UBC (Vancouver) Médaille d'or, sénior - Bourse d'admission de 4 000 \$ Commanditaire: The University of British Columbia (Vancouver)	4 000,00 \$
Bourse d'admission de l'Université du Manitoba Médaille d'or, sénior - Bourse d'admission de 5 000 \$ Commanditaire: Université du Manitoba	5 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille d'or, sénior - Bourse d'admission de 4 000 \$ Commanditaire: Université d'Ottawa	4 000,00 \$
Bourse d'études de Western University Médaille d'or - Bourse d'admission de 4 000 \$ Commanditaire: Université Western	4 000,00 \$
Total	24 000,00 \$

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