

ESPC 2010 - Peterborough (Ontario)



Jenny Yao, Robert Lin

Charge It Up!

Division: Sciences physiques et des mathématiques

Catégorie: Sénior

Région: Toronto

Ville: Toronto, ON

École: Marc Garneau Collegiate

Sommaire: The goal of our project was to generate clean, carbon-free energy. To achieve this, we designed a portable device that generates electricity using electromagnetic induction. It harnesses kinetic energy that would otherwise be wasted. This allows the general public to charge electronics during everyday movements such as walking or running.

Biographies

Jenny - My name is Jenny Yao, and I am a grade eleven student in the TOPS (Talented Offering Program in the Sciences) at Marc Garneau Collegiate Institute. I was a finalist at the Canada Wide Science Fair two years ago, and due to restrictions from the Toronto Region, this will be my last time competing. I am a busy but happy person; busy in the sense that TOPS is a demanding program so I have a lot of studying to do every day, and that I join a lot of extracurricular clubs so I commit a lot of my time to charity events. I am happy when I get time to relax and what I enjoy, like playing music, playing basketball, drawing, singing, dancing, reading bo...

Robert - Robert Lin (b. 1993) is a Grade 11 student currently attending the Talented Offerings for Programs in the Sciences (TOPS) program at Marc Garneau Collegiate Institute. His love of science extends beyond his many science courses at school and he has taken part in numerous extra-curricular science events. Last summer, Robert had the opportunity to work as an assistant at the Institute for Optical Sciences at the University of Toronto. He is particularly interested in quantum mechanics; it is an area which Robert feels has boundless opportunity. Along with his scientific interests, Robert participates regularly in many clubs and organizations at...

Prix

Valeur

Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaille de bronze - Bourse de début d'études de 1 000 \$	
Commanditaire: Université Western Ontario	
Bourse d'admission de l'Université d'Ottawa	1 000,00 \$
Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$	
Commanditaire: Université d'Ottawa	
Médaille de bronze - Sciences physiques et des mathématiques	300,00 \$
Sénior	
Commanditaire: Encana Corporation	
Total	2 300,00 \$