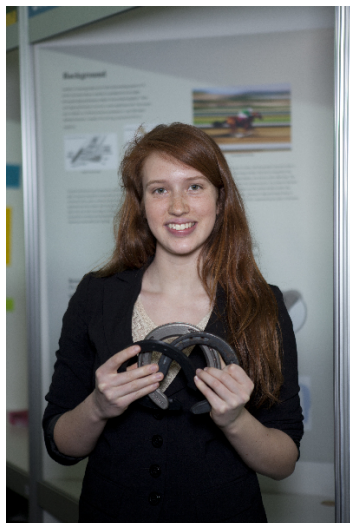


ESPC 2013 - Lethbridge (Alberta)



Neria Aylward

Building a Better Horseshoe

Défi: Découverte

Catégorie: Sénior

Région: Eastern Newfoundland

Ville: St John's, NL

École:

Sommaire: Horses are the animal kingdom's most highly developed athletes. With such high performance, however, comes high risk - the hoof must withstand accelerations of up to 2000 meters/second, leaving horses liable to the skeletal fractures that account for 89% of casualties. Using a combination of evolutionary biology and material engineering, this project aims to improve the horseshoe and increase the safety of equine sport.

Biographie

Neria Aylward is a grade 11 student at Holy Heart High School in St. John's, Newfoundland. An alumnus of the Shad Valley program, she attended the campus at Université Laval in 2012. Neria is a multiple-time recipient of the Tourism NL Arts and Letters Awards, and winner of the Engineers Without Borders Get Outside Your World national essay contest. She is a member of her school's student council, chamber choir and concert band, and is also principal oboist of the Newfoundland Symphony Youth Orchestra. She also looks forward to the Students on Ice Arctic expedition this summer. Neria's band, City on the Coast has been featured on CBC Radio, and she enjoys hiking, horse-riding and Fleet Foxes.

Prix

Valeur

Prix d'excellence - Senior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	100,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$ Commanditaire: Université d'Ottawa	1 000,00 \$
Bourse d'études de Western University Médaille de bronze - Bourse d'admission de 1 000 \$ Commanditaire: Université Western	1 000,00 \$
Total	2 100,00 \$