

CWSF 2007 - Truro, Nova Scotia



James Frobb, Alyssa Larson

iPODemic: Noise Induced Hearing Loss and the Use of Personal Listening Devices

Division: Life Sciences / None

Category: Intermediate

Region: Alberta Central East

City: Hanna, AB

School: J.C. Charyk Hanna School

Abstract: This project studied the correlation between hearing loss in teenagers and the use of Personal Listening Devices (iPods, mP3s, etc.) PLD use was widespread in all school-age children. Additionally, nearly all subjects were listening at hazardous volumes exceeding eighty-five decibels. Extensive testing proved that over a third of PLD-using teens showed signs of hearing loss. This is an important concern that must be addressed immediately.

Biographies

James - I have lived in the rural community of Hanna, AB for all of my life and am the youngest of four boys in our family. I enjoy playing many sports including soccer, basketball, and curling. In my spare time I like to play guitar and piano. This will be the second time I will be attending CWSF. I am looking forward to renewing old friendships and making new friends from across Canada. When I graduate I hope to go on to the Royal Military College in Kingston, ON to take my general science degree and continue on to medicine.

Alyssa - I live in Hanna Alberta, a small rural community that is widely known as "The Home of Nickelback." My parents, brother, sisters and I live on a ranch with the usual assortment of dogs, cats, sheep, horses and cattle. I share my bedroom with three ferrets, a hamster and Percival the Tarantula. Predictably, I hope to attend the University of Saskatoon and become a veterinarian after graduating high school. I enjoy riding and competing with my appaloosa gelding in Western, English, and Australian style. Some of my other interests include training my Border Collie for dog agility, reading, taekwon-do, archery, hiking and sketching. I am a fou...

Awards

Value

Petro-Canada Peer Innovation Award - Intermediate - Western Canada Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Health Sciences - Intermediate Sponsor: Canadian Institutes of Health Research	\$700
Total	\$2 400