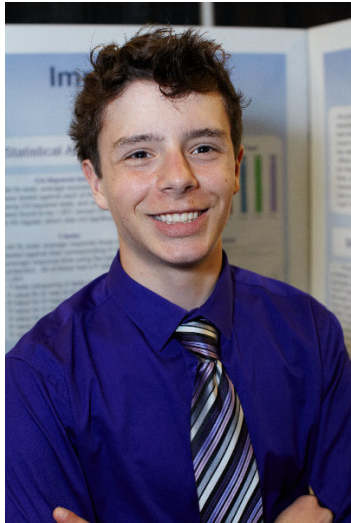


CWSF 2012 - Charlottetown, Prince Edward Island



Alexander Sapp

Improving Ear Protection

Challenge: Discovery

Category: Intermediate

Region: Halifax

City: Halifax, NS

School: Fountain Academy of the Sacred Heart

Abstract: A computer run test was used to prove that there is not a direct relationship between the amount of ear protection used, and sound localization capabilities (it matters where the protection is positioned). Response times for front/back sound localization were shown to be greater than response times for left/right sound localization. Subjects were shown to have low front/back sound localization capabilities with standard ear protection.

Biography

I am fifteen years old. I participate in cross country and track, as well as sailing in the summer, spring and fall. I live in Halifax Nova Scotia, and this is my first canadian wide science fair. I was born in Halifax, and moved to Boston for 2 years when i was about 5, before moving back to Halifax.