

CWSF 2014 - Windsor, Ontario



Sascha Bodak

The Science of Music: Studying the Relationship between Musical Enjoyment and...

Challenge: Information

Category: Intermediate

Region: Thames Valley

City: London, ON

School: A.B. Lucas S.S.

Abstract: Why do we enjoy music? The biological appeal of music has remained a mystery for thousands of years. Why are composers such as Mozart widely considered geniuses when, for example, Taylor Swift is not? In this report I will offer possible solutions to these questions within the context of Information Theory.

Biography

My name is Sascha Bodak. My hobbies include reading, programming and playing chess. In the future would like to become a chemical engineer. I also enjoy camping and canoeing and spend the majority of my summers in Ontario's wilderness. My love of music, neurology and computer science inspired this science fair project. If I am able to continue with my study I would like to measure hormone levels in the blood streams of my participants in order to gain quantitative results.

Awards

Value

Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	\$300
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 300