

## 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
<b>Total</b>	<b>\$2 300</b>