



## CWSF 2005 - Vancouver, British Columbia



## **Daniel Bild-Enkin**

Vibrato: Quantification of an Aesthetic Feature

**Division:** Physical & Mathematical Sciences

Category: Intermediate
Region: Vancouver Island
City: Victoria, BC

School: Esquimalt High School

Abstract: Vibrato is the change in sound in a sustained musical note. This project

tested the similarities between what musicians play and what listeners prefer in vibrato. Computer tools were developed to quantify several aspects of vibrato. It was shown that produced and received vibrato share

many qualities.

Awards	Value
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	Ψισσο
Sponsor: University of Western Ontario	
Bronze Medal - Physical & Mathematical Sciences - Intermediate	\$300
Sponsor: Encana Corporation	
Total	\$1 300



