

ESPC 2007 - Truro (Nouvelle-Écosse)



Daniel Bild-Enkin

Voila les Voyelles: French Vowel Pronunciation in a Victoria High School

Division: Internationale / Aucun

Catégorie: Sénior

Région: Vancouver Island

Ville: Victoria, BC

École: Esquimalt Community School

Sommaire: Part of learning a new language is learning the pronunciation. Pronunciation is simply the physical system of sound source and vocal tract resonances. Articulatory features of vowels can be determined from acoustic ones. Software was developed to determine formants (resonances) of vowels spoken by students of various levels of French instruction. Significant correlations were found between French instruction and acoustic indicators of French proficiency.

Biographie

Daniel is ecstatic to be attending his third and final Canada Wide Science Fair. His projects have been on the physics of sound and the quantification of qualitative phenomena. He is heavily involved in his school's environmental and social justice clubs. Daniel sings bass in the Victoria Philharmonic Choir, has been in his school musical five years straight, and plays piano badly. Next year plans to study linguistics and physics at university, with his ultimate goal being omniscience.

Prix	Valeur
Prix en physique de l'ACP - Sénior Commanditaire: Association canadienne des physiciens et physiciennes	1 000,00 \$
Le Prix Manning en innovation Commanditaire: Ernest C. Manning Awards Foundation	500,00 \$
Le Prix Manning en innovation et le prix Manning aux jeunes Canadiens et Canadiennes de 4 000 \$ Commanditaire: Ernest C. Manning Awards Foundation	4 000,00 \$
Bourse d'études de l'Université Western Ontario Médaillé de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	1 000,00 \$
Médaille de bronze - Sciences physiques et des mathématiques Sénior Commanditaire: Encana Corporation	300,00 \$
Total	6 800,00 \$

