

ESPC 2007 - Truro (Nouvelle-Écosse)

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by request.

Alexander Winkler-Schwartz

Training analytical perception

Division: Sciences de la vie / Aucun

Catégorie: Sénior

Région: CDLS - Province du Québec

Ville: Montréal, QC

École: Académie Marymount

Sommaire: This a psycholinguistic study investigating the role of specific linguistic training on initiating and/or strengthening analytical perception in Secondary 1 student's language processing. Results from a controlled three-phase experiment show significant improvement in analytical skills with training and a transfer of effect to on-line psycholinguistic performance.

Biographie

I am 17 years old, enrolled in the International Program, in secondary 5. I enjoy math, science, English and history. I speak English, German and French and am fascinated by the functioning of the human brain, language processing and communication. This interest is reflected in many aspects of my life, including my science fair projects over the past three years. My last year's entry "Can Education Affect the Brain?" won the McGill Psychology Department award and was selected to represent Quebec in the Canada-wide Science fair. My interest in the brain was furthered when I sustained a concussion while playing football during the 2004-2005 season. I have since chosen to pursue the topic of concussion awareness in my year-long personal school project and have become involved in the McGill University Concussion Awareness Project. Over the past five years, I have also volunteered in my community centre as a math and science tutor for elementary school children. Another passion of mine is composing music and playing electrical, classical and acoustic guitar in a local Montreal band. My interest in language processing and music and in their instantiation in the brain defines my future academic plans in the area of health sciences.

Prix

Valeur

Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	
Médaille de bronze - Sciences de la santé - Sénior Commanditaire: Instituts de recherche en santé du Canada	300,00 \$
Total	1 300,00 \$