

CWSF 2007 - Truro, Nova Scotia

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by request.

Alexander Winkler-Schwartz

Training analytical perception

Division: Life Sciences / None
Category: Senior
Region: CDLS - Province du Québec
City: Montréal, QC
School: Académie Marymount
Abstract: 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.

Biography

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.

Awards

Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Health Sciences - Senior Sponsor: Canadian Institutes of Health Research	\$300
Total	\$1 300