

CWSF 2010 - Peterborough, Ontario



Matthew Yau

Building a Better Brain

Division: International

Category: Junior

Region: York

City: Richmond Hill, ON

School: Richmond Hill Montessori and Elementary Private School

Abstract: My project aims to determine whether there are differences in cerebellar function across gender, age and health status and whether cerebellar function improves with repetitive cerebellar exercise trials in 31 subjects. If it is possible to improve cerebellar function through repetition of widely used cerebellar exercises (hand tapping, clicking, finger-to-nose and pegboard tests), there may be a way to restore a person's failing cerebellar health.

Biography

My name is Matthew Yau. I am in Grade 8. I attend Richmond Hill Montessori & Elementary Private School in Ontario. I am 14 years old and enjoy doing a number of hobbies. My passions are scuba diving, karate, and piano. I have a PADI certification in scuba diving, I am a second degree black belt in karate after 10 years of hard work and I am currently in Grade 8 for piano. I am involved in many extracurricular activities such as ball hockey, football, and soccer. I enjoy travelling with my family to Italy, China, Japan, Death Valley, and Costa Rica, and I look forward to going to Australia and Antarctica. My lifelong dream is to someday become a medical doctor.

Awards

Value

Honourable Mention - Health Sciences - Junior Sponsor: Canadian Institutes of Health Research	\$100
Total	\$100