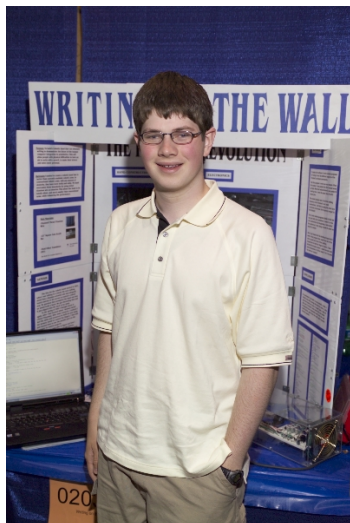


CWSF 2006 - Saguenay, Québec



Jonathan Hodgins

Writing on the wall

Division: Earth & Environmental Sciences

Category: Senior

Region: Victoria County

City: Lindsay, ON

School: Lindsay Collegiate and Vocational Institute

Abstract: As the power and technology of robotics increases, the interface between prosthetics and the computer lies generally undeveloped. It is possible to create a robotic hand that has enough dexterity to write, using Nickel Titanium wires as muscles and the computer to control it.

Awards	Value
UBC Science (Vancouver) Entrance Award Senior Gold Medallist - \$4000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$4 000
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Computing & Information Technology - Senior Sponsor: Intel of Canada, Ltd.	\$1 500
Total	\$7 500