



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



