

# CWSF 2005 - Vancouver, British Columbia



## Jonathan Holla

### Trajectoire

**Division:** Engineering & Computing Sciences

**Category:** Senior

**Region:** United Counties

**City:** Williamstown, ON

**School:** Ecole Secondaire Heritage

**Abstract:** This project involves the conceptual design of a high speed VTOL demonstrator aircraft. Using mathematics and various specialized computer design programs, I developed and tested a one-person, environmentally friendly, 800 km/h VTOL that would cost much less than standard aircraft. The design has numerous military and commercial applications.

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
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Senior Sponsor: Youth Science Foundation Canada	\$300
Gold Medal - Automotive - Senior Sponsor: AUTO21	\$1 500
<b>Total</b>	<b>\$8 800</b>