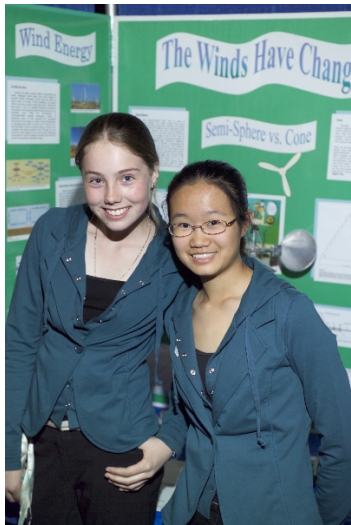


# CWSF 2006 - Saguenay, Québec



## Jessica Ngai, Johanna Lewis

### The Winds Have Changed

**Division:** Health Sciences

**Category:** Intermediate

**Region:** Toronto

**City:** Toronto, ON

**School:** Marc Garneau Collegiate

**Abstract:** The objective of this project was to compare the effectiveness between two types of vertical axis wind turbine blades: the cone and the semi-sphere. A home-designed model was built and tested. The semi-sphere wind turbine blade was proven to be more effective, especially at higher wind speeds.

Awards	Value
Petro-Canada Peer Innovation Award - Intermediate - Ontario South	\$200
Sponsor: Petro-Canada	
Total	\$200