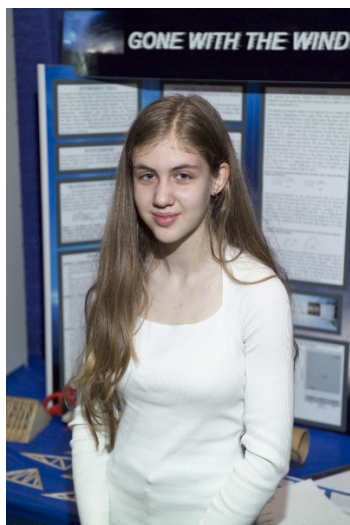


# CWSF 2006 - Saguenay, Québec



## Jessica Rodgers

### Gone with the Wind

**Division:** Health Sciences

**Category:** Junior

**Region:** Northwestern Ontario

**City:** Thunder Bay, ON

**School:** Sir John A. Macdonald P.S.

**Abstract:** My experiment determined whether roofs with different pitches are affected differently during a windstorm. Two roof angles ( $45^\circ$ ,  $30^\circ$ ) were tested at three wind speeds in a wind tunnel while measuring pressure inside and outside each roof. Pressure on each surface depended on the volume and aerodynamics of each roof.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$1 500
Total	\$3 500