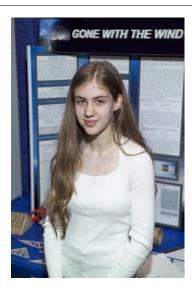




CWSF 2006 - Saguenay, Québec



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°, 30°) 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	\$2 000
Gold Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Gold Medal - Engineering - Junior	\$1 500
Sponsor: Youth Science Foundation Canada	
Total	\$3 500



