



CWSF 2006 - Saguenay, Québec



Jonathan Tomkun

Put a Spin On It

Division: International

Category: Senior

Region: Waterloo-Wellington **City:** Waterloo, ON

School: St. John's-Kilmarnock School

Abstract: Four kinds of balls were spun at various rates and exposed to varying wind

speeds. The pressure differential between opposite sides of each ball was measured. As the rate of spin increased, the pressure differential increased.

As the wind speed increased, the pressure differential increased

quadratically.

Awards	Value
CAP Physics Prize - Senior	\$1 000
Sponsor: Canadian Association of Physicists	
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Bronze Medal - Physical & Mathematical Sciences - Senior	\$300
Sponsor: Encana Corporation	
Total	\$2 300



