

CWSF 2005 - Vancouver, British Columbia



Bing Luo

Surface Swing'n

Division: Physical & Mathematical Sciences

Category: Intermediate

Region: Greater Vancouver

City: Vancouver, BC

School: Sir Winston Churchill Secondary School

Abstract: I investigated surface tension ? a property of water resulting from a water molecule's hydrogen bonds. My project was designed to investigate the correlation between surface tension and surface friction ? a force caused by the interfacial attractions between the surface of water and another given surface.

Awards	Value
Chemical Education Fund Award - Intermediate Sponsor: Chemical Institute of Canada	\$250
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Physical & Mathematical Sciences - Intermediate Sponsor: Encana Corporation	\$1 500
Total	\$3 750