



CWSF 2006 - Saguenay, Québec



Brittany Faye

Bio-Gly-Kool

Division: Health Sciences

Category: Senior **Region:** Parkland

City: Foam Lake, SK

School: Foam Lake Composite High School

Abstract: The purpose of this project was to see if a waste by-product could be

processed into a competitive environmentally-friendly antifreeze for engines when compared to glycol-based commercial antifreezes. The results proved that the new product created through chromatography had comparable efficiencies as well as being environmentally-friendly which was the

objective.

Awards	Value
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship	\$1 500
Sponsor: University of Western Ontario	
Honourable Mention - Engineering - Senior	\$100
Sponsor: Youth Science Foundation Canada	
Silver Medal - Automotive - Senior	\$700
Sponsor: AUTO21	
Total	\$2 300



