

# 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 Sponsor: University of Western Ontario	\$1 500
Honourable Mention - Engineering - Senior Sponsor: Youth Science Foundation Canada	\$100
Silver Medal - Automotive - Senior Sponsor: AUTO21	\$700
<b>Total</b>	<b>\$2 300</b>