

# CWSF 2007 - Truro, Nova Scotia



## Carly Levy, Caila Henderson

### Shining a Light on a Toxic Issue

**Division:** Physical & Mathematical Sciences / None

**Category:** Senior

**Region:** Chignecto Central West

**City:** Stewiacke, NS, Brookfield, NS

**School:** South Colchester Academy

**Abstract:** This project was done in the interest of consumer health and safety. Three varieties of potatoes were exposed to light for 15 days to see if light exposure would increase glycoalkaloid levels. HPLC was used to measure the levels of these toxins before and after light exposure. High levels of glycoalkaloids can be harmful to humans.

### Biographies

Carly - My name is Carly Levy, my friends call me Car. I am entering the CWSF with my pal and partner Caila. I am 17 years old in grade 11, and am currently attending South Colchester Academy in Brookfield Nova Scotia. Just recently i travelled to Campeche Mexico with my local school board. This was a leadership experience that lasted two weeks, this was a life changing experiece. I play Softball on my high school team and enjoy maany other extra curricular activities such as; reach for the top, teens for teens support and junior acheivement, this past year i was teh Vice President in charge of Administration for my company Persalove. I like most all...

Caila - I love to play sports and am very competitive. I love volleyball, I'm on an elite under 18 team that keeps me very busy. I play soccer in the summer and winter. I live in Brookfield with a family of five and love to spend as much time as possible with my friends. I plan to take my BSc and possibly dentistry school after that.

### Awards

### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Life Sciences - Senior Sponsor: Pfizer Canada	\$300
Total	\$1 300