

## CWSF 2008 - Ottawa, Ontario



### Emma Lowsky

#### Daphnia On Drugs

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

**Category:** Intermediate

**Region:** Toronto

**City:** Toronto, ON

**School:** Linden School, The

**Abstract:** I studied the effects of Red Bull on Daphnia (small water crustaceans) to determine if the drink's ingredients would increase the invertebrate's heart rate and/or change behaviour. I chose Daphnia for my project because under certain test conditions they react similarly to humans, which I was interested in testing. My results showed that there were significant changes as a result of Red Bull Energy Drink.

#### Biography

Emma Lowsky was born in Toronto, Ontario in 1993. She currently attends The Linden School in downtown Toronto. Emma is interested in pursuing a career in medicine specifically cardiac surgery. Her interests include music, yoga and hanging out with friends.

#### Awards

#### Value

Honourable Mention - Life Sciences - Intermediate	\$100
Sponsor: Pfizer Canada	
Total	\$100