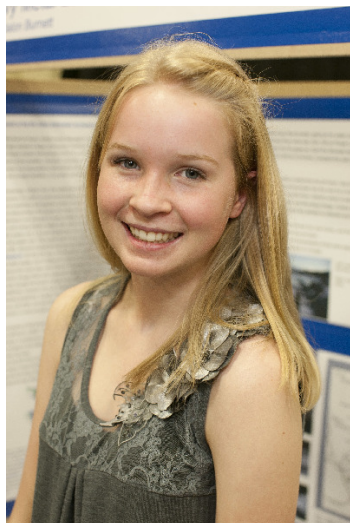


# CWSF 2011 - Toronto, Ontario



## Madalon Burnett

### Heavy Metal Levels in the East Kootenay Watershed

**Challenge:** Environment

**Category:** Intermediate

**Region:** East Kootenay

**City:** Fernie, BC

**School:** The Fernie Academy

**Abstract:** This project determined heavy metal levels in the East Kootenay watershed. It focused on comparing the Elk River to the Bull River, and comparing upstream and downstream of the mine sites along the Elk River. The Elk River and Bull River had the same levels, and the mine sites did not appear to affect the heavy metal levels.

#### Biography

I am a grade ten student. I play two instruments (piano and cello), swim competitively and tap dance. In my free time, I like to ski, and if there's more time, ski. I work at our local swimming pool as a slide attendant, and have taken my bronze cross. I live in eastern BC near the Alberta border near a ski hill in the Rocky Mountains. I live on a gorgeous tree farm with my parents. My favourite subject is math because I have an amazing math teacher. Recently I went on a unforgettable trip to Peru where I worked for two weeks at a school for street boys and a week touring Cusco and Machu Picchu. It was an amazing experience. I'm super excited to be coming to CWSF 2011 and I can't wait.

#### Awards

#### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
<b>Total</b>	<b>\$1 300</b>