

# CWSF 2010 - Peterborough, Ontario



## Alyson Bell

### Another Tale My Grandfather Told Me

**Division:** International  
**Category:** Senior  
**Region:** Peterborough  
**City:** Warsaw, ON  
**School:** Lakefield District Secondary & Intermediate  
**Abstract:** Contamination of food and water supplies present an ongoing problem for people in parts of the world. The findings of this project indicate that oregano shows strong antibacterial properties. These findings suggest that oregano could be used as a natural food preservative. An oregano filter was constructed which successfully killed bacteria in water making non-potable water potable water. Third world countries could use this filter.

#### Biography

My name is Alyson Bell. I enjoy school sports teams and out of school sports. I play Rugby, Volleyball, Lacrosse and I golf as well. I also enjoy school, although I do have to try really hard for my marks, but still enjoy seeing my friends everyday. I play the guitar with my friends, and I also play the drums and the piano. I really enjoy camping and building brush shelters and doing outdoor activities by myself. I spend alot of time in my back woods. After highschool I would like to travel for a year and then attend Lakehead University. I would like to study environmental sciences at Lakehead University. I'm not sure what I would like to do after university. Possibly become an outdoor ed teacher or work at a wilderness survival camp. Anything to do with the outdoors or science is where i want to be. I really don't want to work in an office environment, I think I would go insane. My future will hopefully be bright and happy!

#### Awards

#### Value

| Awards  | Value           |
|---|-----------------|
| Canadian Stockholm Junior Water Prize<br>Sponsor: Canadian WEF Member Associations, the Canadian Water and Wastewater Association, and Jacobs                         | \$2 000         |
| The Manning Innovation Achievement Award<br>Sponsor: Ernest C. Manning Awards Foundation  | \$500           |
| The Manning Innovation Achievement Award and \$4000 Manning Young Canadian Innovation Award<br>Sponsor: Ernest C. Manning Awards Foundation                           | \$4 000         |
| Dalhousie University Faculty of Science Entrance Scholarship Senior Gold Medallist - \$4000 Entrance Scholarship<br>Sponsor: Dalhousie University, Faculty of Science | \$4 000         |
| UBC Science (Vancouver) Entrance Award Senior Gold Medallist - \$4000 Entrance Scholarship<br>Sponsor: The University of British Columbia (Vancouver)                 | \$4 000         |
| University of Ottawa Entrance Scholarship Senior Gold Medallist - \$20,000 Entrance Scholarship (\$5,000 each year for 4 years)<br>Sponsor: University of Ottawa      | \$20 000        |
| The University of Western Ontario Scholarship Gold Medallist - \$4000 Entrance Scholarship<br>Sponsor: University of Western Ontario                                  | \$4 000         |
| Gold Medal - Health Sciences - Senior<br>Sponsor: Canadian Institutes of Health Research  | \$1 500         |
| <b>Total</b>  | <b>\$40 000</b> |