

## CWSF 2007 - Truro, Nova Scotia



### Yvonne Meulenbroek

#### Parasitic Contamination

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

**Category:** Intermediate

**Region:** Sahtu

**City:** Norman Wells, NT

**School:** Mackenzie Mountain School

**Abstract:** My project, Parasitic Contamination, teaches the public how to identify a tapeworm by using an identification key to compare it to observations made with a microscope (e.g.: number of segments, length, etc.) It also studies the tapeworm's lifestyle and its ability to be transferred to humans through the consumption of fish, such as Arctic Grayling, and other species which live in the North.

#### Biography

My name is Yvonne Meulenbroek, and I live in Norman Wells, Northwest Territories. I enjoy a wide variety of sports, namely gymnastics, and track and field. I also swim as much as I can in the summer, while our pool is open. Scuba-diving, reading, and researching marine life are among my many hobbies; my academic interests include Science, Math, and Language Arts. I hope to become a marine biologist when I am older, and am interested in any courses that will help me reach that goal.

#### Awards

#### Value

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