

## CWSF 2007 - Truro, Nova Scotia



### Brenna Schilds

#### Time for your medicine

**Division:** Biotechnology / None

**Category:** Intermediate

**Region:** Northern British Columbia

**City:** Dawson Creek, BC

**School:** Dawson Creek Secondary - Central Campus

**Abstract:** I tested six different kinds of pills to discover which pill would reach uniformed suspension the quickest. I used hydrochloric acid and pepsin to create a virtual stomach for the pills to be put in. I learned a lot about the biology and chemistry behind pain relievers and how your body works to create pain and alleviate it.

#### Biography

I attend Central Middle School in Dawson Creek B.C. I am an early French immersion student so I am bilingual. After school I enjoy playing Basket Ball, Volley Ball and I am a competitive swimmer. I also enjoy volunteering with the local Rotary and Interact clubs in my town. One of my hobbies is playing piano; I also enjoy singing and music in general. I am interested in biology and chemistry, though I find astronomy fascinating as well. Really I'm interested in science. Last year I won the science award at school for having the top marks in science for my grade and I have been attending Regional science fairs since grade four. Last year I won three different special awards at my region's science fair and this year I won two awards one of which was the Canadian Woman in Science and Technology Award. This was important for me as my sister had one it as well and I had always hoped to do the same. This will be my third year attending the Canada Wide Science Fair. I attended the one in Vancouver and the one in Saguenay. For my future career I hope to be a pharmacist.