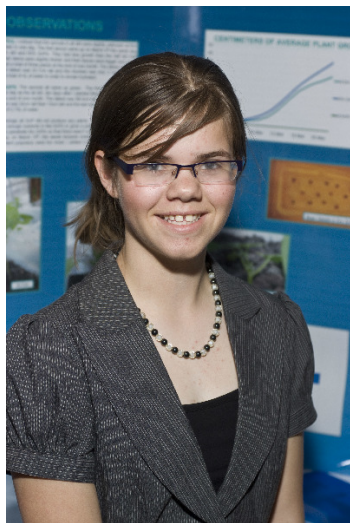


# CWSF 2010 - Peterborough, Ontario



## Sarah Gullason

### Stop the Drop

**Division:** Earth & Environmental Sciences

**Category:** Junior

**Region:** Northern British Columbia

**City:** Fort St. John, BC

**School:** Northern BC Distance Ed.

**Abstract:** With our ever-increasing population, a world facing a water crisis and issues arising with global warming how are we planning to provide food for ourselves? In my project I decided to tackle these issues by finding a way to grow plants using less water. With the material found in diapers, a superabsorbent polymer, I discovered it is viable to grow plants while reducing water usage.

### Biography

My name is Sarah Gullason and I live in Fort St. John, which is located in Northern British Columbia on mile 47 of the Alaska Highway. Living in the North has provided me with many opportunities to do things I enjoy such as snowboarding being homeschooled and playing on the first ever girl's soccer team in Fort St. John. I love to unicycle with my brothers and cousin. I have been participating in science fairs since I was five years old. Science has always fascinated me because it can be used to explain anything and there are so many areas to explore. I like how it can be used for fun, like how to stay upright on a unicycle and how it can also be used to save lives.

### Awards

### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Youth Science Canada	\$300
Total	\$1 300