

## ESPC 2008 - Ottawa (Ontario)



### Caitlin Tolley

#### Don't Be Cold This Winter

**Division:** Génie et sciences de l'informatique / Aucun

**Catégorie:** Sénior

**Région:** Aboriginal Québec Autochtone

**Ville:** Maniwaki, QC

**École:** Kitigan Zibi Kikinamadinan

**Sommaire:** To prove which insulation materials provide the greatest resistance to heat loss. A digital thermometer was installed in the middle of a cardboard box and then covered with different insulating materials. The covered box was placed inside a household freezer and readings were then taken to see how long it would take for the temperature to drop 1 degree Celsius.

#### Biographie

Caitlin Tolley is a high school student from Kitigan Zibi Anishinabeg and is focused on a bright future. Caitlin has attended the Forum on Parliament Hill, Canada Wide Science Fair, and the Future World Leaders Youth Summit in Washington, D.C. Due to her academic achievements, Caitlin was awarded the Foundation for the Advancement of Aboriginal Youth bursary. Caitlin is active in sports and has been on the running team all through high school. She recently wrapped up her sixth year of playing hockey with the boys in the town of Maniwaki. Caitlin volunteers coaching a junior youth girl's basketball team because she feels that it's important to give back to the community. In 2006 Caitlin was chosen as one of 12 National Aboriginal Role Models by the National Aboriginal Health Organization. Her role was to influence behaviors and attitudes of Aboriginal youth towards healthy lifestyles and self esteem. Caitlin was honored to be selected as "Quebec and Labrador Youth of the Year" in 2006 at the Dialogue for Life suicide prevention conference. Last June Caitlin was crowned Miss Algonquin Nation and is proud to represent the Algonquin people everywhere she goes. Caitlin's final philosophy is "Learn Today, Lead Tomorrow".