

# CWSF 2006 - Saguenay, Québec



## Haley Robinson

### Sanitary Sunshine / Sante et Soleil

**Division:** Health Sciences

**Category:** Intermediate

**Region:** Northern Saskatchewan

**City:** La Ronge, SK

**School:** Churchill Composite H.S.

**Abstract:** This project uses solar energy to heat water to pasteurisation temperatures. Solar water pasteurisation decontaminates water in third world countries. Pasteurisation stops the spread of disease. For this project, construction plans were made and seven pasteurisers were built and tested. Results proved that the solar box cooker design was the most efficient.

Awards	Value
Honourable Mention - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$100
Total	\$100