

## CWSF 2006 - Saguenay, Québec



### Aaron Colon

#### Warm Battery For A Cold Climate

**Division:** Health Sciences

**Category:** Intermediate

**Region:** Manitoba First Nations

**City:** Oxford House, MB

**School:** '72 Memorial High School

**Abstract:** In this project a home made battery was made using lemon juice in a series of wet cells. the voltage was measured over time at different temperatures. A commercially produced ATV battery was tested in the same way. A home made battery warmer that runs off a dry cell was designed to preserve the power of a wet cell in cold temperatures.