

## CWSF 2006 - Saguenay, Québec



### Ryan Fogarty, Scott Evers

#### Hot Alternative Energy

**Division:** Health Sciences

**Category:** Senior

**Region:** East Parry Sound

**City:** South River, ON, Trout Creek, ON

**School:** Almaguin Highlands H.S.

**Abstract:** Hot Alternative Energy is a level 4 innovation in the engineering division. This project involved designing, building and testing a flat panel solar collector to be applied specifically to radiant floor heating. This system is approximately 30% efficient, up to 15% more efficient than photovoltaic solar collectors.