

# CWSF 2006 - Saguenay, Québec



## Philip Schmidt

### Cornboard

**Division:** Biotechnology

**Category:** Senior

**Region:** Victoria County

**City:** Woodville, ON

**School:** Fenelon Falls S.S.

**Abstract:** As the rate of deforestation increases, a new fibre is needed to replace wood. Corn residue is a viable alternative. Replicating the procedure of wood based particleboard, a corn based fibreboard can be produced. The pressed fibreboard shares many of the physical aspects of particleboard, without the health concerns.

Awards	Value
Canadian Commission for UNESCO - Science for Peace and Development (MILSET ESI) Award Sponsor: Canadian Commission for UNESCO	\$5 000
The Manning Innovation Achievement Award and \$4000 Manning Young Canadian Innovation Award Sponsor: Ernest C. Manning Awards Foundation	\$4 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Biotechnology & Pharmaceutical Sciences - Senior Sponsor: Rx&D Health Research Foundation	\$700
<b>Total</b>	<b>\$13 200</b>