

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
Total	\$13 200