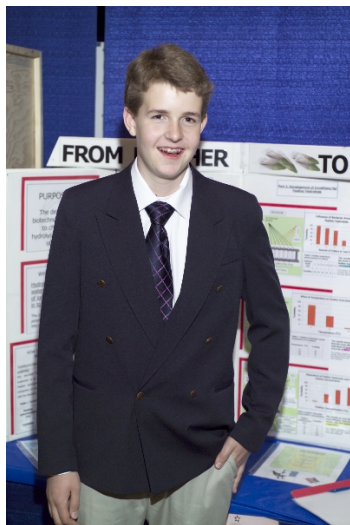


CWSF 2006 - Saguenay, Québec



Daniel Burd

From Feather to Feed

Division: Biotechnology

Category: Intermediate

Region: Waterloo-Wellington

City: Waterloo, ON

School: Cameron Heights C.I.

Abstract: The poultry industry produces millions of tons of feather waste annually. A soil microbial consortium was isolated and the ability of these microorganisms to degrade chicken feathers was investigated. The results demonstrated that microbial conversion of feathers is a biotechnological process that improves the utilization of feathers as feed.

Awards	Value
Dr. Michael Smith Innovation Award - Intermediate Sponsor: Canada Foundation for Innovation	\$750
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Biotechnology & Pharmaceutical Sciences - Intermediate Sponsor: Rx&D Health Research Foundation	\$1 500
Total	\$4 250