

## CWSF 2005 - Vancouver, British Columbia



### Malkolm Boothroyd

#### Fun with Fungus - Factors affecting the growth of Mushrooms

**Division:** Life Sciences

**Category:** Junior

**Region:** Yukon/Stikine

**City:** Whitehorse, YT

**School:** Selkirk Elementary School

**Abstract:** I experimented with oyster mushrooms (*Pluotus ostreatus*) to determine factors which effected growth. Air and pH levels were the variables tested. Using my knowledge of oyster mushroom growth, I then experimented with them to determine how chemical cleaners such as borax, bleach and Dr. Bonners affected the growth of the mushrooms.

| Awards  | Value   |
|---|---------|
| The University of Western Ontario Scholarship<br>Bronze Medallist - \$1000 Entrance Scholarship<br>Sponsor: University of Western Ontario | \$1 000 |
| Bronze Medal - Life Sciences - Junior<br>Sponsor: Pfizer Canada   | \$300   |
| Total   | \$1 300 |