

# CWSF 2015 - Fredericton, New Brunswick



## Magic Mushrooms

**Challenge:** Environment

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** This project compares the growth of two varieties of mushrooms, under conditions contaminated with petroleum hydrocarbons, to see if a cold-tolerant mushroom, the blue oyster mushroom (*Pleurotus ostreatus columbinus*), which would be better for many parts of Canada, could have potential for mycoremediation (bioremediation using mycelia.) This experiment extends a previous study using white oyster mushrooms (*Pleurotus ostreatus*).

Awards	Value
Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000