

## CWSF 2005 - Vancouver, British Columbia



### Aaron Hakim

#### The Antioxidant Mystery: The Effects of Antioxidants and Free Radicals on Seed Germination

**Division:** Life Sciences

**Category:** Junior

**Region:** Bay Area

**City:** Mississauga, ON

**School:** Appleby College

**Abstract:** In several trials, bean or radish seeds were germinated in a hostile, artificial environment containing hydrogen peroxide as a source of free radicals. Vitamins A, C and E were added to these seeds to study their protective effects as antioxidants. Vitamin A best promoted seed germination.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Life Sciences - Junior Sponsor: Pfizer Canada	\$1 500
Total	\$3 500