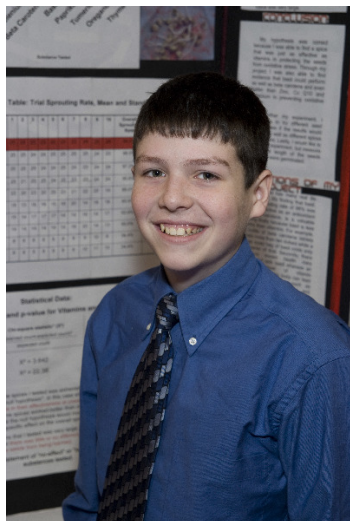


# CWSF 2008 - Ottawa, Ontario



## Brandon Doyle

### Spice up Your Life

**Division:** Biotechnology / None

**Category:** Junior

**Region:** Prince Edward Island

**City:** Cornwall, PE

**School:** East Wiltshire School

**Abstract:** My experiment compared the antioxidant capabilities of spices to those of vitamin supplements. By adding vitamins and spices to mung beans in a hydrogen peroxide and water solution, observing seed germination rate, I evaluated their antioxidant effects against free radicals. My results indicate that basil was just as effective as beta carotene as an antioxidant , protecting the beans from damage by the free radicals.

### Biography

Brandon Doyle is from Cornwall Prince Edward Island. He is 14 years old and is in the eighth grade at East Wiltshire Intermediate School. He enjoys science and has been participating in science fairs since the fourth grade. He has won several awards at the district and provincial level. His hobbies include eclectic guitar, making animations, skateboarding and reading. His future plans include perusing a career in the field of science.

### Awards

### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	\$700
<b>Total</b>	<b>\$2 200</b>