

# CWSF 2012 - Charlottetown, Prince Edward Island



## Dareen El-Sayed

### Antibiotic Activity in Oregano

**Challenge:** Innovation

**Category:** Intermediate

**Region:** Winnipeg Schools

**City:** Winnipeg, MB

**School:** Kelvin High School

**Abstract:** The purpose is to identify if oregano has antibiotic activity against harmful bacteria and trying to isolate the responsible components. Antibiotic properties in foods are integral to natural healings as they don't have as much of a toxic effect as a chemical antibiotic. Oregano's antibiotic activity could help in treating infections ranging from post-surgical wound infections to breast infection to nosocomial infections and many more.

### Biography

My name is Dareen El-Sayed and I'm in grade 10 IB. I enjoy science and have participated in various science competitions. I also enjoy reading and being involved with human rights organizations. Being globally informed about human rights is one of the things I strive to do. I love hanging out with my family and friends. Basketball is one of the many sports I enjoy playing in my free time. I attend Arabic Language School regularly every Saturday. My future goal is to go into medicine. I've wanted to do so since I was in Kindergarten and I try my best from now. I would like to pursue a career in medicine as it gathers my two favorite things in one career, helping others and science. I always try to excel in what I do, as it reflects who I am. My inspiration for my project came from a previous project I had conducted two years ago that raised many questions for me about the potential applicability of oregano.

### Awards

### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 300