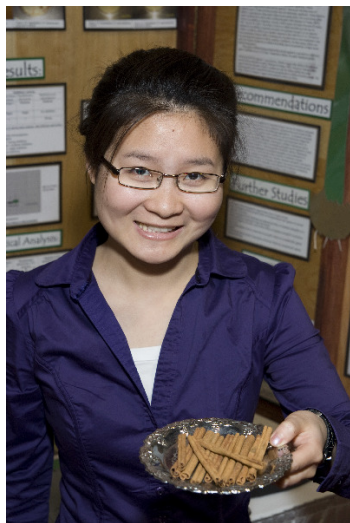


CWSF 2008 - Ottawa, Ontario



Alice Yang

The Spice of Life

Division: Biotechnology / None

Category: Senior

Region: Peterborough

City: Peterborough, ON

School: Holy Cross S.S.

Abstract: The present study was designed to evaluate antifungal and antibacterial effects of cinnamon leaf extract, allicin and raw garlic against *Penicillium notatum*, *Pseudomonas fluorescens*, and *Staphylococcus saprophyticus*. The antimicrobial activity was examined by the presence of a zone of inhibition on agar plates. Cinnamon showed excellent inhibitory activity against all microorganisms, allicin exhibited slight inhibitory activity and garlic showed strong inhibition against *Staphylococcus saprophyticus*.

Biography

I am involved with Math League, Waterloo Math Competition, School Band, School Newspaper Club and Science Fair Club. I have also volunteered in the Emergency Department at Peterborough Civics Hospital. I am interested in debates, politics, and visual arts. During the summer, I enjoy playing tennis and ping pong. As for post-secondary plans, I hope to pursue science at Ottawa U.

Awards

Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences - Senior Sponsor: Rx&D Health Research Foundation	\$300
Total	\$2 300