

CWSF 2010 - Peterborough, Ontario



Chrissy Roopnarine, Gazal Grewal

Fighting BAC!

Division: Earth & Environmental Sciences

Category: Junior

Region: Peel

City: Brampton, ON

School: William G. Davis Senior P.S.

Abstract: Current research proves that some gastrointestinal flora may contribute to preventing (*L.acidophilus*) or causing (*S.typhi*) cancer. *Salmonella typhi* and *Lactobacillus acidophilus* are bacteria that fall into this category. Currently, antibiotics targeted at *S. typhi* reduce amounts of *L. acidophilus*. The effects of four antibiotics were tested on these bacteria, and some of the most common antibiotics are increasing our chances of getting cancer.

Biographies

Chrissy - My name is Chrissy Roopnarine, and I'm a grade 8 IB student at W.G. Davis. I'm an energetic, cheerful and organized student who is eager to learn and take on new activities/experiences. I'm a very dedicated honours student, who cares about her education very much. I have a wonderful family and friends, who I adore. I love to read, mostly fiction, dance, and sing. I love the arts (visual, drama, and music). In my free time, I write (poetry/other forms), dance (jazz/freestyle), and play the clarinet. I also used to play a cultural instrument, the harmonium. Throughout elementary and middle school, I accepted many different awards. In grade 4, I...

Gazal - My name is Gazal Grewal and I am currently a Grade 8 IB student at WG Davis Senior PS. I enjoy trying and learning new things, meeting new people - basically doing anything new! I love tennis, soccer, biking, taking walks in the wilderness, dancing and organizational games because I feel they open up new opportunities for me to socialize with other people while staying active. I have always had a passion for language, and it definitely has to be my favourite subject, whether it is English or French. I am amazed at the complexity of the human race, and how we have developed such a powerful species. In 2005, I won first place at Spelling Bee of Ca...

Awards

Value

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| The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario | \$2 000 |
| Silver Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Youth Science Canada | \$700 |
| Total | \$2 700 |

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040