

# CWSF 2009 - Winnipeg, Manitoba



## Kayleigh Ng

### Bristle Busters

**Division:** Life Sciences / None  
**Category:** Junior  
**Region:** Rideau-St. Lawrence  
**City:** Brockville, ON  
**School:** St. Lawrence Academy  
**Abstract:** This project studied the effectiveness of three different types of toothbrushes, the Phillips Sonicare, the Braun Oral B, and the manual toothbrush, in removing diet coke and coffee stains from extracted human teeth. The changes in shades of the stains were measured using a dental shade guide. The manual toothbrush was found to be the best in removing stains from teeth.

### Biography

My name is Kayleigh Ng. I am a 13 years old, 7th grader attending The St. Lawrence Christian Academy in Brockville, Ontario. I play the recorder and love singing in the choir. I also enjoy playing sports at school such as track and field and soccer. My hobbies include cooking, boating, painting, playing the ukulele, four wheeling, traveling, and shopping. I won in my very first duathlon and my soccer team has won the league championship the last 2 seasons. I was very excited to have won Best of Fair- Junior at the Rideau St. Lawrence Regional Science Fair this year. This is my first time attending the Canada Wide Science Fair.

### Awards

### Value

Petro-Canada Peer Innovation Award - Junior - Ontario North & East Sponsor: Petro-Canada	\$200
Honourable Mention - Health Sciences - Junior Sponsor: Canadian Institutes of Health Research	\$100
<b>Total</b>	<b>\$300</b>