

# CWSF 2011 - Toronto, Ontario



## Chanelle Mitchell

### We've got Chemistry: Aphrodisiacs, Pheromones and Attraction

**Challenge:** Health

**Category:** Senior

**Region:** Toronto

**City:** Whitby, ON

**School:** Notre Dame C.S.S.

**Abstract:** Is "chemistry" between people pheromones affecting our brain? Aphrodisiac foods were consumed determining if diet adjustments alter female's pheromones affect on males. Males smelt shirts, matching scents to photographs (using divine proportions to gauge attractiveness) from 28 females, associating appealing, sweeter scents to females with features more closely aligning with the divine proportion and sweatier aroma's to females with features that were less aligned.

### Biography

I'm a grade 12 student at Notre Dame High School with a passion for biology and creative writing. I want to study at the University of Western Ontario next year?! hope to work towards a degree in medical sciences and I aspire to be a dermatologist. I have won academic awards in English, Biology and P.E. as well as athletic awards like MVP in volleyball and track. My favourite place to be in the world is the beach. I am excited to travel; I've been to Holland, Dominican Republic, Cuba, New York, and Jamaica (to name a few places). I plan on seeing London, Paris, Greece, Italy, Egypt, South America and anywhere else I can go. I love sports and have been playing competitive and recreational volleyball for eight years (I've been captain on my high school team twice). I currently am the president of Notre Dame's Athletic Council, which entails organizing activities, relaying information to parents and students and raising school spirit. I enjoy reading, writing, travelling, listening to music, playing sports (soccer, volleyball, ultimate Frisbee, badminton... the list goes on), baking, spending time with friends, designing, watching movies and asking question.

### Awards

### Value

Excellence Award - Senior - Silver Medal Sponsor: Youth Science Canada	\$700
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2500 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 500
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Ottawa	\$2 000
<b>Total</b>	<b>\$9 200</b>