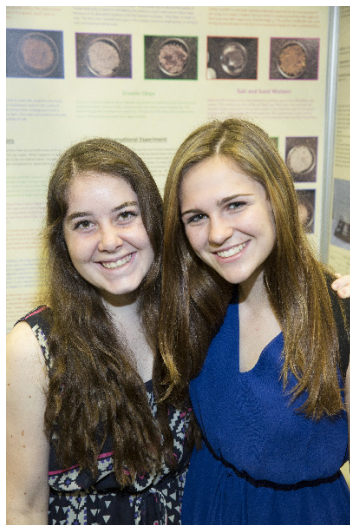


# CWSF 2014 - Windsor, Ontario



## Dayna Schumacher, Kaley Wainwright

### Winnipeg Road Treatments

**Challenge:** Discovery

**Category:** Senior

**Region:** St. James-Assiniboia

**City:** winnipeg, MB, winnipeg, MB

**School:** Collège Sturgeon Heights Collegiate

**Abstract:** This project was to discover a more effective road treatment for the city of Winnipeg during winter months. Our project involves a mixture of experimental results and research information to determine a new treatment for our roads that was beneficial in the majority of the following categories; efficiency, environmental, effect on roads, effect on cars and costs.

### Biographies

Dayna - I think of myself as very well rounded individual. I am involved in many different programs and activities in my school. I am an international baccalaureate student in the French immersion program. However, I believe that getting involved and being apart of a community is just as important as academics. I give my time after school mostly to my sport teams; Ultimate Frisbee, Soccer and track and field but I make time to volunteer for countless events run By Sturgeon Heights. I've raised hundreds of dollars for world vision while participating in the 30 hour famine, and for the last few years I have been an ambassador for my school for many eve...

Kaley - I am a very academic and athletic student. I participate in many sports such as soccer, ultimate Frisbee, track and field, I am in training as a distance runner and have completed seven half marathons in the last two years. I aspire to run a full marathon in my grade twelve year and one day qualify for the Boston marathon. I am also involved in the french international baccalaureate program. I often volunteer my free time to benefit others younger then I am, I am a peer tutor in math as well as a soccer coach for nine year old girls team. My plans for the future is to attend university of British Columbia (Kelowna campus) and study to become ...

### Awards

### Value

Excellence Award - Senior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$100
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
<b>Total</b>	<b>\$2 100</b>

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