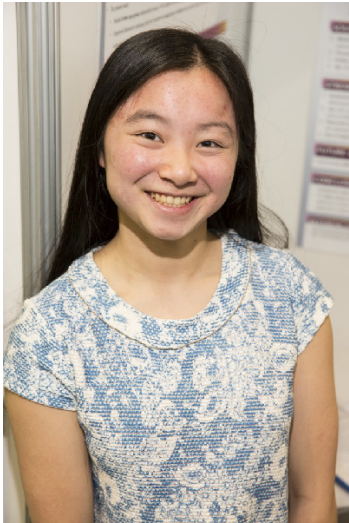


CWSF 2015 - Fredericton, New Brunswick



Roselyn Thom

OUCH That Vaccination Hurt! Convert the Hurt With Single-Sensory Distraction.

Challenge: Health

Category: Intermediate

Region: Greater Vancouver

City: Vancouver, BC

School: Lord Byng Secondary

Abstract: My project explores factors that influence flushot uptake rates and tests single-sensory distraction techniques to make vaccinations more pleasant for infants. Perceived ineffectiveness of the flushot was the largest factor influencing uptake. My randomized control trial showed that all three single-sensory distraction techniques significantly reduce pain and distress. Implementation of these techniques to improve early vaccination experiences may positively influence future healthcare behaviours.

Biography

Roselyn Thom is a grade 10 student at Lord Byng Secondary School. This is her first year going to CWSF and she is elated! When not attempting to be a mad scientist, she is an avid musician on her cello. She has played on the stages of New York's Lincoln Center and Vancouver's Orpheum Theatre. Her project looks at vaccinations, and how these might be made more palatable for infants. She was inspired by this project because she hates vaccinations herself! In the future, she would like to extend her project by testing infants receiving vaccinations in different settings and using different methods of single-sensory distraction. For other students thinking about doing a project, she advises, "Be passionate about your project, and go for it!"

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000