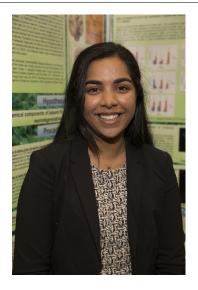




## CWSF 2016 - Montreal, Quebec



## Biography

My name is Harishitaa Prithiviraj. I'm 17 years old and go to CEC, Truro, Nova Scotia. I am a grade eleven student in the IB program. I play piano, soccer, badminton, and guitar and like singing and dancing. I have competed in science fair since grade 4. In the 2012 Canada Wide Science Fair I won gold and in 2013 I received the Platinum award in Junior category. I was the recipient of 2013 Nova Scotia Youth Award for Science and Technology. I volunteer at the local hospital and the youth representative of regional chapter of Relay for life. Recently I started after school science program for elementary school kids. When I grow up, I would like to become a pediatrician and a researcher. For students who want to do a science project, do something you are interested and something from which you can learn.

## Harishitaa Prithiviraj

Aromatherapy Delays Progression of Neurodegenerative Diseases

Challenge: Health		
Category:	Senior	
Region:	Chignecto West	
City:	Truro, NS	
School:	Cobequid Educational Centre	
Abstract:	Neuro-degenerative diseases like Alzheimer's disease and Parkinson's disease have become a major concern in recent years. While number of people affected is increasing at epidemic proportion cure for these diseases is still elusive. In this project volatile aroma compounds were tested to reduce or delay the progression of these diseases using Caenorhabitis elegans surrogate model, Chemical components of balsam fir needle oil showed promising results.	

Awards	Value
Excellence Award - Senior - Silver Medal	
Sponsor: Youth Science Canada	
Dalhousie University Faculty of Science Entrance Scholarship	\$2 500
Senior Silver Medallist - \$2500 Entrance Scholarship	
Sponsor: Dalhousie University, Faculty of Science	
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: The University of British Columbia (Vancouver)	
University of Ottawa Entrance Scholarship	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Ottawa	
Western University Scholarship	\$2 000
Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: Western University	
Total	\$8 500



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

