

CWSF 2015 - Fredericton, New Brunswick



Kileigh Harrington

Saving Nature's Sunblock

Challenge: Environment

Category: Junior

Region: Simcoe County

City: Barrie, ON

School: St. Monica's E.S.

Abstract: The purpose of this project was to determine if it is possible to create a replacement ozone layer that could be sent into the atmosphere using ozonesonde technology to strengthen the existing ozone layer. An experiment was conducted to test the effectiveness of a home-made ozone generator in absorbing UV rays using a UV gauge, UV sensitive beads and different UV sources.

Biography

My name is Kileigh Harrington, and I am in Grade 7 at St. Monica's School in Barrie, Ontario. This is my fourth year competing in the Science Fair, but my first time at Nationals! My extra-curricular activities include piano, basketball, hockey and soccer. I love running, and am part of my school cross-country team. My favourite subject is science, especially when I get to figure out the answers myself. I also enjoy Math and English. The inspiration for my project began in a conversation with my dad about my interest in the atmosphere. One of the key issues we discussed is how humans have abused the ozone layer. My ideas about ways to preserve the ozone layer began to snowball from there. My advice to kids thinking about undertaking a project is to go for it. You never know how your ideas will blossom! You always walk away with something more than you expected. You always learn something new, and you build confidence to speak in front of people. You may even discover a love for science. Whatever it is, you won't regret it. The Science Fair is one of the greatest experiences in my life!

Awards

Value

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