

## CWSF 2015 - Fredericton, New Brunswick



### Daniel O'Reilly

#### Remedies Recovered From Roof Top Resources

**Challenge:** Resources

**Category:** Intermediate

**Region:** Central Interior British Columbia

**City:** Prince George, BC

**School:** College Heights Secondary

**Abstract:** Antibiotic resistance is rapidly increasing at an unbelievable rate. The objective of this project is to devise a novel approach to treat "superbug bacteria" by using natural resources that could potentially improve the quality of life and provide sustainability of products for the forest and pharmaceutical industries.

#### Biography

My name is Daniel O'Reilly, I am a grade 10, Principal's list student. This will be my fourth time attending CWSF. At the Central Interior Regional Science Fair my project won a gold medal, Judges Choice Award, Best in Biotechnology and Pharmaceutical Sciences, UNBC Mathematical Award and Best in Exhibition Award. At school I actively participate in Leadership, Rotary Interact and volunteer at a Seniors Nursing Home. I love music and play the acoustic and electric guitar, bass and piano. I also play in the youth music ministry group at church and Jazz Band at school. In addition I also have completed the RCM Theory courses. I enjoy travelling and hope to see the world one day, but for now I am very excited to see another part of Canada. In addition I am also looking forward to meeting other students and learning about their research. This project was inspired by a combination of my own curiosity and a story my grandfather told one day. The best advice I can give to students that are thinking about doing a project is, "Just Do It" and the results could amaze you!" My career goal is to continue with sciences.

#### Awards

#### Value

Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	
Challenge Award - Resources - Intermediate Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
<b>Total</b>	<b>\$2 000</b>

