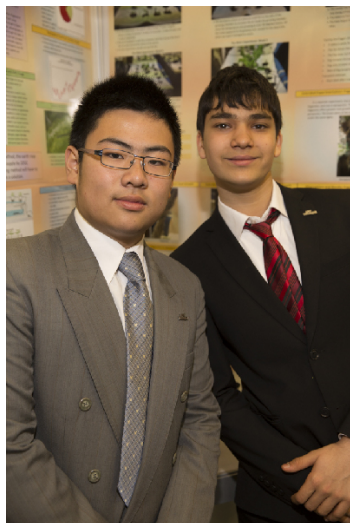


CWSF 2016 - Montreal, Quebec



Austin Wu, Kamron Zaidi

Fogponics: The Future of Food

Challenge: Resources

Category: Intermediate

Region: York

City: Richmond Hill, ON

School: Richmond Hill H.S.

Abstract: While now we may take food for granted, things may soon change. The population has spiked in 200 years, and 1/9 of the world doesn't have enough food. Also, the world is using too much pesticide, fertilizer, and water on farming each day. Using fogponics, a method of accelerating the growth of plants using fog instead of soil, these negative aspects can be reduced.

Biographies

Austin - Currently, I am 14 years old. I attend to Richmond Hill High School. Prior to that, I attended Silver Stream Public School from grade 4-8. I can speak fluently 8 languages and I do not have internet in my house. I play alto saxophone and percussion for my school band. I play piano in my spare time, and I am in the Royal Canadian Air Cadet. My science teacher first brought up the topic hydroponics and that is how we got our topic. In the future, my partner (Kamron Zaidi) and I will attempt to bring our project into the third world, or just introduce the public the idea of fogponic. I am interested in many aspects of science, but what interests me ...

Kamron - I went to Silver Stream from Grade 4 to 8, and Richmond Hill High School in Grade 9, my current grade. I have been in the gifted program since grade 4, and I have had a profound interest in science since Grade 1. At the moment I am very interested in the standard quantum model, the missing link between quantum physics and the theory of relativity, and the physics of a black hole, such as the Bekenstein-Hawking formula and Hawking radiation. I am also into mathematics. Some of my academic achievements include getting 1st in Canada in Grade 7 in the Gauss math competition and 3rd in the Pascal math competition in Grade 9. I also won 1st in Yo...

Awards

Value

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|---|---------|
| 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 |