

CWSF 2019 - Fredericton, New Brunswick



Rose Moosavian, Adam Bizios

Can the Human Body be a Source of Electricity?

Challenge: Energy

Category: Junior

Region: Toronto

City: Toronto, ON

School: Windfields Jr. H.S.

Abstract: Our project is about whether or not humans can be a source of electricity. This generation is heavily reliant on their devices, so when they run out of power, they can be placed in very dangerous situations. We want to help them by proving that they could use their bodies to produce electricity and we made a device to show that it's possible.

Biographies

Rose - The inspiration for my project came from my own experiences and education. I personally find that there is nothing more frustrating or scary than being unable to use my devices in unexpected situations because they are out of power. This generation is very over-reliant on their personal devices, so when they aren't able to use them, they can be in very dangerous situations. Furthermore, during my recent years in school, I have been taught that people are striving for ways to produce renewable energy that doesn't harm the environment and earth. This gave me the incentive to merge both of these problems and see if we could use ourselves to prod...

Adam - I was inspired by this project by my community. As the society that we are now, we are surrounded by technology and most of my classmates own a cellphone. But while I was brainstorming I thought about electricity and how much we are polluting our planet with fossil fuels and many other damaging forms of electrical generation. So my partner and I came up with an idea of how about charging your phone by using your body heat. As a little kid, I had always wanted to invent something, so there came the inspiration. For many of my further investigations, we will try to reach out to a mentor for more guidance and research strategies. With this, I fe...

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