

ESPC 2017 - Regina (Saskatchewan)



Elesha Wood

Stimulation of the Vagus Nerve Through Targeted Temperature Therapy

Défi: Innovation

Catégorie: Sénior

Région: Tri-County

Ville: Yarmouth, NS

École: Yarmouth Consolidated Memorial High School

Sommaire: This innovative concept utilizes the body's (Sympathetic) response as the activation of the targeted temperature therapy, meaning that the user's anxiety triggers the treatment and not the user themselves. This project investigated the combination of a GSR (Galvanic Skin Resistance) sensor and a thermoelectric element cooler to diminish the physical symptoms of an anxiety attack, and therefore the attack itself.

Biographie

I am a grade 10 student who loves science. I have been in several regional fairs prior to advancing and would encourage everybody else to join in on them. Science is something that is constantly changing, and because of that, we, as humans need to adapt and continue learning. Based on the results from my project, I plan to further investigate the applied uses of colors. For anyone that is thinking about doing a project, my advice would be, yes, do it, you will gain so much knowledge and wisdom. Science fair projects are not just a "school project" they are a chance to develop your scientific ideas and become a valuable addition to the scientific world. Science changes the world, and so can you.

Prix

Valeur

Prix d'excellence - Senior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourse d'admission de l'Université d'Ottawa Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$ Commanditaire: Université d'Ottawa	1 000,00 \$
Bourse d'études de Western University Médaille de bronze - Bourse d'admission de 1 000 \$ Commanditaire: Université Western	1 000,00 \$
Total	2 000,00 \$