

CWSF 2018 - Ottawa, Ontario



Eli Wood

Stimulation of the Vagus Nerve Through Targeted Temperature Therapy 2.0

Challenge: Health

Category: Senior

Region: Tri-County

City: Yarmouth, NS

School: Yarmouth Consolidated Memorial High School

Abstract: This project studied the use of a sensor and a cooling device element combination to help treat situational anxiety. The experiment proved to be effective in helping people with their test anxiety. This discovery is important because it means that the device can be used to help people with anxiety. This device may allow people to help treat their anxiety without requiring medication.

Biography

I am a passionate grade 12 student who hopes to become a clinical psychologist one day! This is my third year (in a row) participating at a C.W.S.F, all for psychology based projects. My project was born out of the desire to help people with their anxiety. My future plans for my project include several more prototype additions as well as further testing. I would advise students interested in doing a project to use their surroundings and do it on something you are passionate about. Never stop learning. Learning is how we change the world, and how we think about the world. I believe there is an aspect of science for everyone, so try some things out! Projects are only boring if you make them.

Awards

Value

Youth Can Innovate Awards - Senior Sponsor: The Gwyn Morgan and Patricia Trottier Foundation	\$1 000
Youth Can Innovate Awards - Senior Sponsor: The Gwyn Morgan and Patricia Trottier Foundation	\$7 000
Excellence Award - Senior - Gold Medal Sponsor: Youth Science Canada	
Challenge Award - Health - Senior Sponsor: Youth Science Canada	
Carleton University Entrance Award Senior Gold Medallist - \$4,000 Entrance Award Sponsor: Carleton University	\$4 000
Dalhousie University Faculty of Science Entrance Scholarship Senior Gold Medallist - \$5000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$5 000
UBC Science (Vancouver) Entrance Award Senior Gold Medallist - \$4000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$4 000
University of Manitoba Entrance Scholarship Senior Gold Medallist - \$5000 Entrance Scholarship Sponsor: University of Manitoba	\$5 000
University of Ottawa Entrance Scholarship Senior Gold Medallist - \$4,000 Entrance Scholarship Sponsor: University of Ottawa	\$4 000
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
Total	\$34 000

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