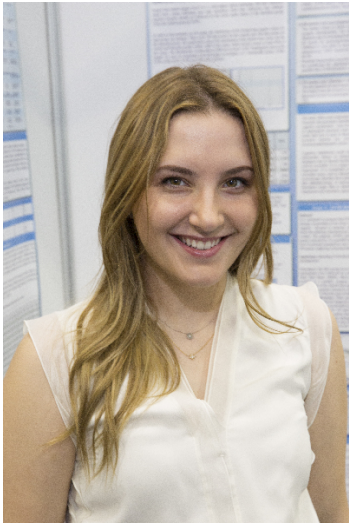


ESPC 2019 - Fredericton (Nouveau-Brunswick)



Crystal Radinski

EEG Coherence as BioMarker for Alzheimer's Dementia

Défi: Découverte

Catégorie: Sénior

Région: Calgary Youth

Ville: Calgary, AB

École: Rundle College Senior High School

Sommaire: The human brain is a biological wide web made of neurons, brain cells that communicate using electricity. When connections between neurons break down, people could experience loss of memory, inability to think clearly and difficulty understand others. I used an EEG, a method to track the brain's electrical activity, to identify people at risk for brain diseases.

Biographie

My name is Crystal Radinski and I am a grade 10 student attending Webber Academy in Calgary, Alberta. This year, I focused my attention on finding an EEG biomarker for Alzheimers Disease. My project was inspired by my awareness of the needs of the growing population of seniors in Canada. This is my second year attending CWSF but my fifth participating in science fair. Each year has been a fantastic experience as I meet people who have similar scientific drive yet different perspectives. Science fair is something I look forward to every year and urge others to join.

Prix

Valeur

Prix pour l'innovation Ted Rogers - Toutes catégories Commanditaire: Rogers Communications Inc.	2 000,00 \$
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	4 000,00 \$