

ESPC 2016 - Montreal (Québec)



Allie Fraser, Brenna Martell

Pour Some Sugar on Me

Défi: Santé

Catégorie: Sénior

Région: Strait

Ville: St. Peter's, NS, St. Peter's, NS

École: Richmond Academy

Sommaire: The effect of glucose and stevia consumption on the overall lifespan of multiple generations of the model organism *Caenorhabditis elegans* (*C. elegans*) was investigated. A significant reduction in lifespan was shown (26%; $p = 0.003$) between the control and the two treatment groups. However, there was no difference in lifespan between glucose (2%) and stevia (2%) treatment groups.

Biographies

Allie - I am a grade 12 student at Richmond Education Center and Academy who intends to pursue a career in forensic law. I'm enrolled at Mount Allison University for a bachelor of science. I enjoy playing volleyball and reading. The inspiration for this project came from a desire to help improve current health condition and trying to educate myself on the future effects of today's actions. I hope to one day expand on this project during my university career, perhaps as a thesis. My advice to other students that wish to pursue a project like this is to first accept and work within your limitations, and to realize that you're going to run into problems...

Brenna - I am currently a grade 12 student at Richmond Academy who will be attending Saint Francis Xavier University in the fall. This year I am also the president of the Interact Club at my school. We as a committee do a lot to help different causes globally and locally. Helping others has always been something I enjoyed doing which is what led me to this science fair project. Me and my partner Allie wanted to come up with a way to help people realize and understand the negative effects sugar additives are having on our bodies. After finishing this project it was clear to see that there is a lot more work that can still be done to further our investi...

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 \$