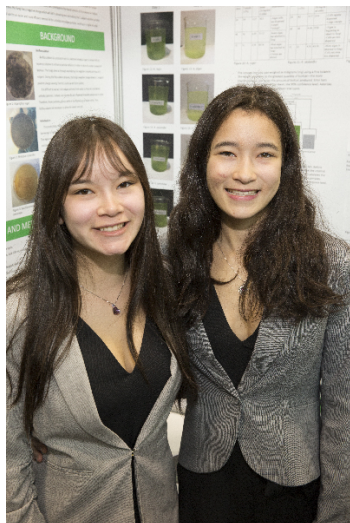


CWSF 2019 - Fredericton, New Brunswick



Claire Scrimini, Vanessa Scrimini

Algae Meets Fungi: Microalgae-Fungi Co-Pelletization for Biofuel Production

Challenge: Energy

Category: Intermediate

Region: Greater Vancouver

City: Burnaby, BC

School: Burnaby North Secondary

Abstract: The burning of fossil fuel poses a danger to the future of this planet. The purpose of this experiment is to determine the most effective microalgae-fungi combination for biofuel production. The findings of this experiment results in an effective, environmentally friendly and renewable solution to the climate change crisis currently plaguing the globe.

Biographies

Claire - Claire Scrimini is a grade 10 student from Burnaby, BC. Actively involved in her community, she is the co-founding president of the Science Leadership Club at her school. The goal of her club is to inspire and ignite children's interest in science. Throughout the school year, she visits elementary schools to teach and mentor Science Fair students. As well, she has started several fundraisers and volunteers for various causes and she volunteers regularly. She is an athlete and is a member of several sports teams and her interests include science, travelling and languages. She was recently awarded top student in English and French in her grad...

Vanessa - Vanessa Scrimini is a grade 10 student from Burnaby, BC. Her interests include travelling, learning new languages and meeting new people. As well, this soccer player is actively involved in supporting her community. This year, she is one of only 30 students throughout Canada to be selected as an Education First Canadian Youth Ambassador. Recently, she has travelled to the Dominican Republic on a community development trip, and will be going to Ottawa to make a community program presentation to MPs and Senators. Vanessa is also the co-president and founder of the Science Leadership Club at her school, in which she mentors students on science f...

Awards

Value

Excellence Award - Intermediate - Gold Medal Sponsor: Youth Science Canada	
Challenge Award - Energy - Intermediate Sponsor: Youth Science Canada	
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
Total	\$4 000