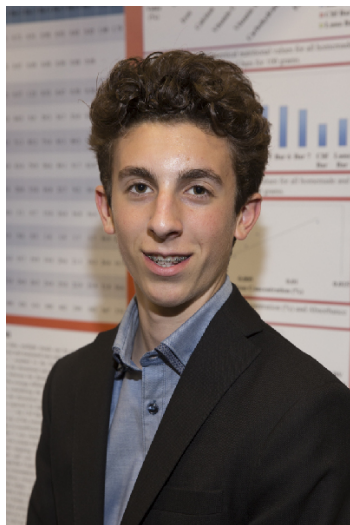


CWSF 2016 - Montreal, Quebec



Julian Oxner

IronMax: A New Source of High Iron Food

Challenge: Resources

Category: Intermediate

Region: Halifax

City: Halifax, NS

School: Halifax Grammar School

Abstract: Iron deficiency anemia occurs when a body's intake of iron and iron stores are insufficient. Affected groups include third-world populations with limited access to nutrient rich foods; pregnant women; and high-performance athletes. This project will design a high-iron snack bar using natural, indigenous products with a balanced ratio of cost to iron content.

Biography

Julian is a grade 9 student at the Halifax Grammar school and a member of the student council, cross-country/track teams, and the football team. He also competes nationally in tennis and plays almost every day. Julian is also in the process of completing his Duke of Edinburgh Award. He loves all subjects especially science and mathematics. This is Julian's second year at the CWSF and he got his inspiration after researching real-world problems that are happening in developing countries. Julian hopes that his product to help treat iron deficiency anemia will be put to good use and will continue to develop and improve on his product. Advice he would give to younger students involved in Science Fair would be to focus on a real-world problem that can be solved, do a project on an interesting topic, and work hard until the goal is achieved.

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000