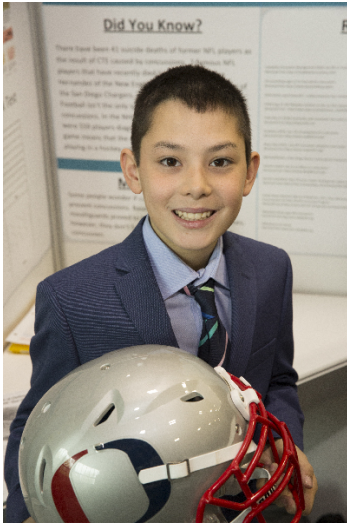


## CWSF 2019 - Fredericton, New Brunswick



### Jacob Leong

#### Football Related Concussions and Chronic Traumatic Encephalopathy

**Challenge:** Information

**Category:** Junior

**Region:** Edmonton

**City:** Edmonton, AB

**School:** Aurora Charter School

**Abstract:** Concussions are the result of head trauma where the brain is put in a whiplash like state. This project studies concussions and the importance of rest before returning to play. The main sport studied is football as this sport has the most concussions every year.

#### Biography

I am Jacob Leong and I currently attend Aurora Academic Charter School in Edmonton, Alberta. My project is on concussions. I really wanted to do this subject because I enjoy playing sports, especially football. I watch the N.F.L often and I have aspirations of playing professional football. If my football career doesn't work out, I would like to study mechanical engineering. In regards to future research on my project, I would like to go deeper into studying C.T.E and Tau Protein as this research is valuable in saving peoples lives.