

CWSF 2017 - Regina, Saskatchewan



Rizky Wahyudi, Kendra Prasad

Flexi Golf: Innovative Golfer's Stabilizing Stand

Challenge: Innovation

Category: Senior

Region: Lambton County

City: Plympton-Wyoming, ON, Plympton-Wyoming , ON

School: St. Patrick's H.S.

Abstract: This innovative project was designed and built to address a gap in the industry to reduce the effects of disabilities. This design is effective as it allows an individual with balance issues to be able to golf in a standing position and be supported should they fall. With adaptations, it can have multiple uses for sports and mobility while being portable and affordable.

Biographies

Rizky - I'm an exchange student from Indonesia (rotary youth exchange program). I like to play golf and do some welding stuff. My host mother asked me to help one of her client be able to golf again. He was injured from an accident 4 years ago which caused him to have balance issue. My host sister and I had to design and develop a stand that would allow him to golf on standing and catch him if he fell. we plan to modify the stand to make it more portable and independent to use. being able to help someone return for the first time in 4 years to be able to do something they have been really missing has been very rewarding. As such a device does not exi...

Kendra - I am a grade 10 student at St. Patrick's Catholic Secondary School. I enjoy reading, playing the piano, traveling and attending school. I have received the Ontario Service Volunteer Award from the Brain Injury Association. My mother ask my host brother and I to help solve a problem of one of her clients. He suffers a balance impairment due to an accident 4 years ago and has been unable to return to his favourite love, playing golf since. We designed and built a stand that would allow him to golf in standing but prevent him from falling when he swung. Such a device does not currently exist. We plan to complete a few more modifications and then...

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$2 000