

CWSF 2012 - Charlottetown, Prince Edward Island



Jocelyn Tanton

Wheelchair Bowling Ramp

Challenge: Innovation

Category: Senior

Region: East Kootenay

City: Fernie, BC

School: The Fernie Academy

Abstract: The purpose of this project was to design a bowling ramp for a wheelchair to enable a person living with Arthrogryposis to bowl with minimal assistance. The bowling ramp is specifically designed for 5-pin bowling and a specialized wheelchair, taking into account the limited strength and joint movement caused by Arthrogryposis. The ramp design enabled the participant to have an independent bowling experience.

Biography

My name is Jocelyn Tanton, and I am a grade 11 student at The Fernie Academy. I love travelling, and have gone on several missions trips in which I traveled to Guatemala, Ecuador, the Galapagos Islands, and Mexico City. I love music, and am involved with singing and playing piano on my church worship team. I am also heavily involved with my church youth group, as well as a youth Bible study, and love volunteering in camp ministries. My hometown, Fernie, BC, is a well known ski town, and so I've grown up loving skiing and also have fun tobogganing with my friends in the winter. In the summer I take every opportunity to hike the mountains in my area, and just be outside as much as possible. Math is my favorite subject in school, and consequently, I am also interested in chemistry and physics. I would love to have a future career that involves math and helping people in developing countries who are less fortunate than myself.

Awards

Value

The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
Excellence Award - Senior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
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	\$2 800