



CWSF 2012 - Charlottetown, Prince Edward Island



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.

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.

Awards	Value
The Manning Innovation Achievement Award	\$500
Sponsor: Ernest C. Manning Awards Foundation	
Excellence Award - Senior - Bronze Medal	\$300
Sponsor: Nuclear Waste Management Organization	
University of Ottawa Entrance Scholarship	\$1 000
Senior Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Ottawa	
Western University Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: Western University	
Total	\$2 800



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