

ESPC 2013 - Lethbridge (Alberta)

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Biographie

I have four brothers in my family (we are two sets of twins). My brother Ben and I are the older set of twins, aged 12, and we are both coming to the Canada Wide Science Fair. My musical interests include playing the piano and the flute. My interests include computers, robotics and making stop motion animation films. Two of my animation movies have won film festival prizes. I love to build robotic machines. Sports that I enjoy include rugby, basketball, swimming and downhill skiing. My favorite runs on the ski hill are the black runs with lots of moguls!

Duncan Stothers

The F.I.R.S.T. Frame (Front Impact Reduction SysTem) for Commuter Bicycles

Défi:	Innovation	
Catégorie:	Intermédiaire	
Région:	Greater Vancouver	
Ville:	Vancouver, BC	
École:	St George's School	
Sommaire:	Cycling is encouraged as form of commuter transportation that is	
	environmentally friendly. Bicycle safety is a concern and front impact collisions are common for cyclists resulting in serious injury. In this experiment a new bicycle frame that redirects kinetic energy from crashes (Front Impact Reduction SysTem = F.I.R.S.T. frame) was designed, constructed and tested successfully reducing the effects of front-end collisions on the cyclist.	;
	Prix Valeur	

FIIX	valeur
Prix d'excellence - Intermédiaire - Médaille d'or	700,00 \$
Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University	4 000,00 \$
Médaillé d'or - Bourse d'admission de 4 000 \$	
Commanditaire: Université Western	
Total	4 700,00 \$



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