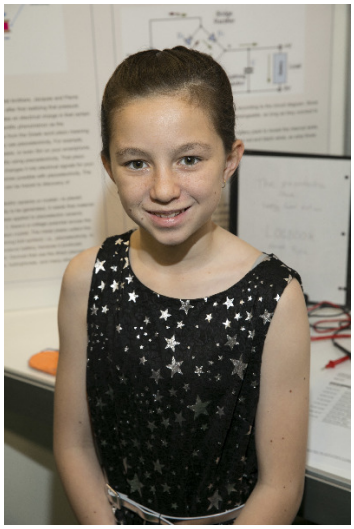
CWSF 2017 - Regina, Saskatchewan



Norah Trinh

The Piezoelectric Shoe: Energy from Motion

Challenge: Innovation
Category: Junior
Region: Lethbridge
City: Lethbridge, AB
School: Ecole La Verendrye
Abstract: Phone almost dead but you need to send a quick text or look up a location or phone number before it dies? What if your power source was just a few steps to a recharged phone, plus a healthier you? My shoe-insole designed to fix this problem by converting your kinetic energy into electricity, which is then stored in a portable battery.

Biography

My name is Norah Trinh. I am in eighth grade at École La Vérendrye, I have been going to a french school since I was in second grade. I enjoy math and science. I also participate in numerous competitive sports: soccer, climbing and swimming. The inspiration for my project came when I was talking to my dad about renewable energy sources which got me thinking, would it be possible to create a shoe that would create energy? I have made one working prototype and I hope to improve and develop it much more. Some advice I would give to students thinking about doing a project is to create a schedule and then follow it. Having a schedule helps with organisation and it also helps with finishing things on time.

Awards	Value
Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - $1000 Entrance Scholarship Sponsor: Western University	$1 000
Total	$1 000

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