

CWSF 2008 - Ottawa, Ontario



Zamir Merali, Ryan Willick

Go With the Flow

Division: Life Sciences / None

Category: Senior

Region: North Bay

City: Corbeil, ON

School: West Ferris S.S.

Abstract: We have created an alternative for needles and syringes. By pulsing electricity through skin the skin develops pores. The pores act as a pathway that allows a liquid to be forced through. The method is painless and significantly safer than needles because the pores that our machine makes close withing 10 minutes.

Biographies

Zamir - I was born in Mattawa, Ontario. My parents immigrated to Canada from Kenya and Tanzania shortly before i was born. I am in grade 12 right now and enjoy running and some sports. I plan to attend the university of Guelph in their bachelor of science program.
 Ryan - My name is Ryan Willick. 16 years old, live in Corbeil, Ontario, Canada. I go to West Ferris Secondary School. I play on the Senior Trojans football team. I am also on the FIRST robotics team 1114 from Governor Simcoe Secondary. I have been on many types of robotics teams for about 4 years now. I have several regional win medals, a chairman's award medal, and several engineering inspiration medals. When i finish high school i plan on going further in either a science career of architectural career.

Awards

Value

The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
The Manning Innovation Achievement Award and \$4000 Manning Young Canadian Innovation Award Sponsor: Ernest C. Manning Awards Foundation	\$4 000
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Bronze Medal - Health Sciences - Senior Sponsor: Canadian Institutes of Health Research	\$300
Total	\$6 800