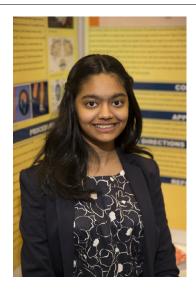




## CWSF 2016 - Montreal, Quebec



## Zwetlana Rajesh

## **Testing the Acceptance of Phantom Limb in Non-Amputees**

Challenge: Health

Category:IntermediateRegion:Renfrew CountyCity:Pembroke, ON

School:

Abstract: The experiencing of body parts that are not present on your body is called a

?Phantom Limb'. This experiment was conducted to test if the brain of a non-amputee accepts a simulated phantom limb as part of their body. This technique utilizes the phantom limb sensation to help with proper and faster

reorganization of altered sensory and motor maps in brain.

Awards	Value
Excellence Award - Intermediate - Gold Medal	\$250
Sponsor: Youth Science Canada	
Western University Scholarship	\$4 000
Gold Medallist - \$4000 Entrance Scholarship	
Sponsor: Western University	
Total	\$4 250



