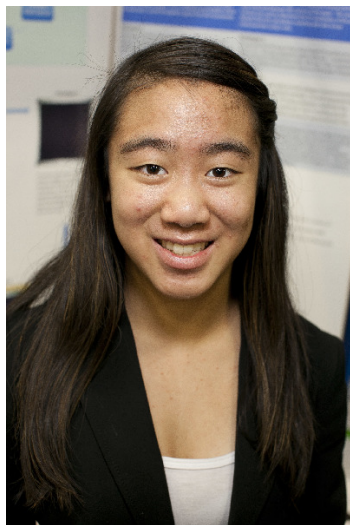


CWSF 2011 - Toronto, Ontario



Amanda Wong

Building Touch Sensors With Conductive Paper

Challenge: Innovation

Category: Junior

Region: Manitoba Schools Science Symposium

City: Winnipeg, MB

School: Grant Park High

Abstract: Existing touch sensors may use various materials such as indium, plastics, and silicon. Conductive paper impregnated with carbon may be used as environmentally friendly touch sensors. Conductive paper was used to create touch sensors that can register touch position in 1 or 2 dimensions.

Biography

My name is Amanda Wong and I am in the grade 8 advanced placement program at Grant Park High School, Winnipeg, MB. I have participated in various public speaking and debate tournaments over the last two years. Other extracurricular activities that I take are piano, math, extra language lessons, figure skating, dance, volleyball and yoga. Excelling in all of my activities is extremely important to me so I am very dedicated in all my work. In the little spare time I have, I enjoy reading or spending time with friends and family. A portion of my free time is periodically spent volunteering with the Manitoba Academy of Chinese Studies. After high school I am interested in pursuing medicine at the University of British Columbia or the University of Toronto.

Awards

Value

Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	\$700
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Total	\$2 700