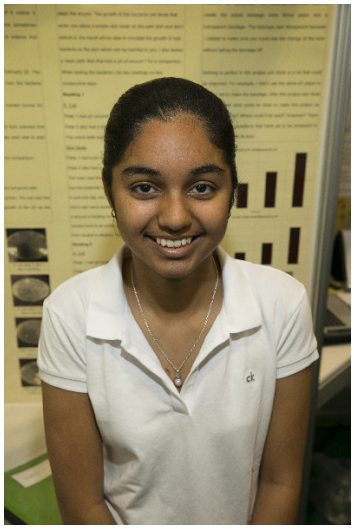
CWSF 2017 - Regina, Saskatchewan



Anmol Nagra

To Bandage or Not to Bandage?

Challenge: Health
Category: Junior
Region: Windsor
City: Windsor, ON
School: Talbot Trail P.S.
Abstract: This project focuses on the designing and creation of a smart bandage which uses litmus paper as an indication of wound healing. Bacteria tests were done with the litmus paper to test the effectiveness of the smart bandage. The bandage proved to be an effective monitor for wound healing.

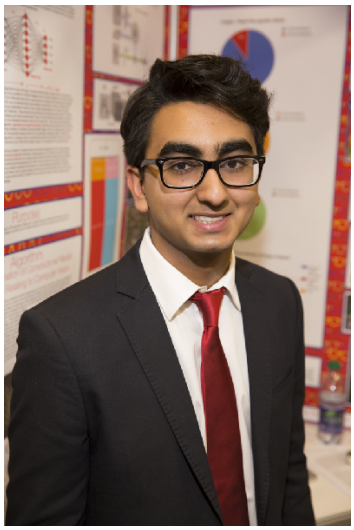
Biography

My name is Anmol Nagra and I am in 8th grade at Talbot Trail Public School. This is my first CWSF. I am looking forward to participating this year. In my life, science has always been a great priority. The topic always left me curious and wanting to discover more ideas. One strand of science that I fell in love with was heath science and that was what inspired my idea. I have always found great fun in designing, building and innovating. In school, I enjoy the academics. English, math and science have always been my strong suits. I have participated in the Caribou Math Contest as well as the Gauss Math Contest and have won many math awards. During my free time I like reading novels and writing. My favorite sport is swimming. Presenting at CWSF this year will be a great honor and I can't wait to learn more about different aspects of science as well as share my scientific discoveries.

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

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040

CWSF 2016 - Montreal, Quebec



Anmol Tukrel

iDentifi: Using Computer Vision to Help Visually Impaired Individuals

Challenge: Innovation
Category: Senior
Region: York
City: Markham, ON
School: Holy Trinity School
Abstract: An iOS application, called "iDentifi" uses computer vision to identify objects and text for visually impaired individuals. This functionality is available in 27 languages and processes images within seconds. Furthermore, this technology has significant applications in helping visually impaired individuals navigate through city streets as well as in advertising, surveillance, automating described video and services for immigrants.

Biography
Anmol Tukrel is a student at Holy Trinity School in Toronto. His project involves using Artificial Intelligence to help visually impaired individuals. He plans on presenting his findings to the Canadian National Institute for the Blind and subsequently forming a non-profit organization to distribute this technology for free to any visually impaired individuals who wish to use it. If there was any advice he could give to other students doing a project, it would be that the only thing needed to create something innovative is curiosity.

Awards	Value
University of Ottawa Undergraduate Research Scholarship Award Senior Sponsor: University of Ottawa, Faculty of Science	$10 000
Excellence Award - Senior - Silver Medal Sponsor: Youth Science Canada	
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - $2500 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	$2 500
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - $2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - $2000 Entrance Scholarship Sponsor: University of Ottawa	$2 000
Western University Scholarship Silver Medallist - $2000 Entrance Scholarship Sponsor: Western University	$2 000
Total	$18 500