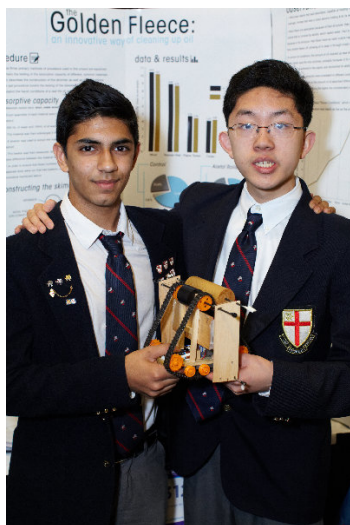


CWSF 2012 - Charlottetown, Prince Edward Island



Preston Lim, Kais Khimji

The Golden Fleece: Innovative ways to clean up oil

Challenge: Environment

Category: Senior

Region: Greater Vancouver

City: Vancouver, BC, Coquitlam, BC

School: St George's School

Abstract: Currently, companies and governments around the world use a variety of methods such as bioremediation, dispersants, controlled burns and containment booms to alleviate the harmful effects of oil spills. Unfortunately, their techniques are dated and inefficient; our project entails the innovation of a new type of oil skimmer technology that has the capability to, not only clean up oil spills, but recover spilt petroleum.

Biographies

Preston - I am a grade 11 student at St. George's School for boys in Vancouver, BC. I am an active member of my school community, am engaged in extracurricular activities such as model UN, debating, history club, the yearbook, piano, cello and of course science fair. I am an avid historian, musician and scientist, and hope to go to college and gain a deeper knowledge in all of the subjects I am interested in- a liberal arts education in short. The project that my partner and I submitted this year was compelling- I was motivated to find a new way to absorb oil after seeing the carnage that resulted from the BP Oil Spill. In terms of advice I would gi...

Kais - My name is Kais Khimji and I'm in Grade 11 at St. George's School. I have a very diverse range of interests and am involved in a variety of activities ranging from science to arts to athletics. This will be my second time attending CWSF. I attended in 2008 when it was held in Ottawa and I look forward to seeing how my experience will be different returning as a senior student.

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$2 300