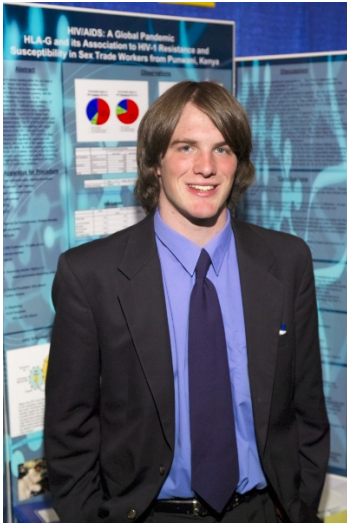


CWSF 2005 - Vancouver, British Columbia



Will Turk

HIV/AIDS: A Global Pandemic

Division: Health Sciences

Category: Senior

Region: Winnipeg Schools

City: Winnipeg, MB

School: Grant Park High School

Abstract: Women working in the sex trade in Kenya have been identified HIV-1 resistant. Through my experimentation, Human Leukocyte Antigen-G genotypes of HIV-1 infected and resistant individuals were determined using sequencing methods. *010102/06 allele was associated with susceptibility and *010101/0106 was associated with resistance, offering new pathways for an HIV-1 vaccine.

Awards	Value
Genome Canada Awards - Senior - Third place Sponsor: Genome Canada	\$1 000
Honourable Mention - Health Sciences - Senior Sponsor: Canadian Institutes of Health Research	\$100
Total	\$1 100