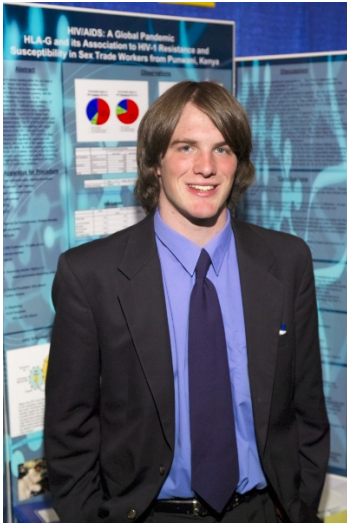


# CWSF 2005 - Vancouver, British Columbia



## 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
<b>Total</b>	<b>\$1 100</b>