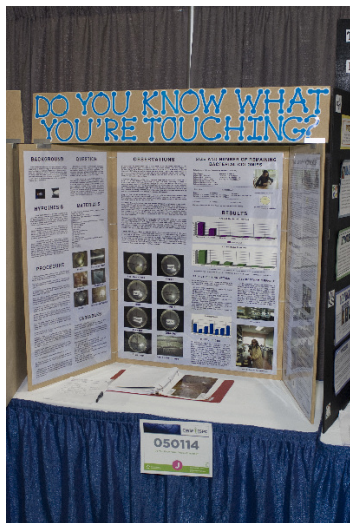


# CWSF 2009 - Winnipeg, Manitoba



## Jory Smallenberg

### Do You Know What You're Touching?

**Division:** Life Sciences / None

**Category:** Junior

**Region:** Fraser Valley

**City:** Abbotsford, BC

**School:** Chief Dan George Middle

**Abstract:** Bacteria were applied to 7 different sterilized metal surfaces for an equal period of time. After determining the number and area of the remaining bacterial colonies, the loonie, made from copper, eliminated all bacterial colonies, while there were 136 colonies remaining on the aluminum. Using different metals for doorknobs, railings and other surfaces, will decrease the spread of the common cold, flu and other diseases.

### Biography

Hello! My name is Jory and I'm a grade eight student from British Columbia. I play four instruments (piano, drums, bells and flute) and I'm fluent in both French and English. I enjoy drama/acting, traveling, public speaking, sports and volunteering. I'm very honored and excited to participate in the national science fair again this year!

### Awards

### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Health Sciences - Junior Sponsor: Canadian Institutes of Health Research	\$300
<b>Total</b>	<b>\$1 300</b>

