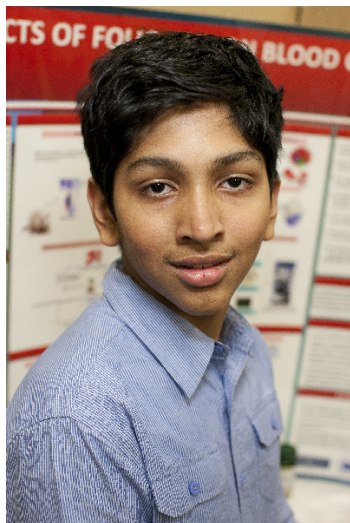


## CWSF 2011 - Toronto, Ontario



### Effects of Folic Acid on Blood Cells

**Challenge:** Health

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** Folic acid, a water-soluble vitamin, prevents anaemia, depression and certain types of cancer. Recently, it was found that overdose of folic acid can cause severe heart and kidney problems. Hence, the present study was designed to investigate the role of folic acid in cell disruption, abnormal cell proliferation and to determine if folic acid needs a co-factor such as iron to prevent cell death.

Awards	Value
Challenge Award - Health - Junior Sponsor: Canadian Institutes of Health Research	\$500
Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	\$1 500
The University of Western Ontario Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: University of Western Ontario	\$4 000
<b>Total</b>	<b>\$6 000</b>