

## CWSF 2011 - Toronto, Ontario



### Binocular Rivalry Polygraph

**Challenge:** Discovery

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** Binocular rivalry occurs when each eye sees a different image. During rivalry, one image is seen for a few moments then the brain switches to the other image. Is it possible to measure the process of binocular rivalry? Can certain image attributes such as, colour, size, detail, and position, influence binocular rivalry? Using my Binocular Rivalry Polygraph (BRP) model, I intended to test these questions.

Awards	Value
Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	\$700
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Total	\$2 700