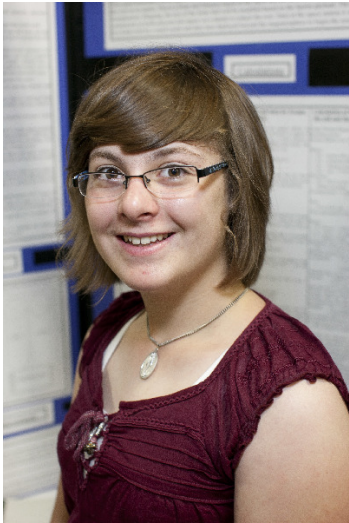


# CWSF 2011 - Toronto, Ontario



## Spirit Mission by Interplanetary Shipping

**Challenge:** Discovery

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** The main objective of this proposal was to determine the financial and technical feasibility of a solar sail mission in duplicating a know deliverable payload using conventional technologies. The mission that was duplicated was the Spirit Rover mission to Mars, through various calculations and analysis it was determined that the solar sails would be a viable choice.

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