

# CWSF 2011 - Toronto, Ontario



## Stacy Glasberg

### The Dark Side of Light

**Challenge:** Environment

**Category:** Junior

**Region:** Ottawa

**City:** Ottawa, ON

**School:** Academie Jeanne D'Arc

**Abstract:** The purpose of my project is to determine if there is light pollution in Ottawa and if it is higher in the more densely populated areas. Also to see if the light intensity is increased by snow and finally to determine whether the number of accidents in intersections is increased by light pollution.

#### Biography

My name is Stacy Glasberg and I like to be involved in many activities. My favourite activity is skiing, I am now a teacher's assistant at Edelweiss Ski Resort and am hoping to become a ski instructor when I reach the age of 15! I like singing, guitar, art, drama and science! Last year I also participated in the Ottawa Regional Science Fair with my project "Energy Star House" and won a Hydro One special award, and an Honourable Mention in Earth and Environmental Sciences. With my current project "The Dark Side of Light", I was interviewed by CBC on the subject of light pollution, the interviews airing on CBC radio and television. The experiments from my current project are also being used as a national template by the Royal Astronomical Society of Canada (RASC)!. As well, I received a letter of congratulations from the Canadian Teachers' Federation. In the future I would like to become a biomedical engineer or a forensic pathologist. :)

#### Awards

#### Value

|   |                |
|---|----------------|
| Award for Excellence in Astronomy - Junior<br>Sponsor: Royal Astronomical Society of Canada   | \$500          |
| Excellence Award - Junior - Bronze Medal<br>Sponsor: Youth Science Canada   | \$300          |
| The University of Western Ontario Scholarship<br>Bronze Medallist - \$1000 Entrance Scholarship<br>Sponsor: University of Western Ontario | \$1 000        |
| <b>Total</b>  | <b>\$1 800</b> |