

# CWSF 2012 - Charlottetown, Prince Edward Island



## Ty Godfrey

### Can UV What Birds See?

**Challenge:** Discovery

**Category:** Junior

**Region:** Canadian Rockies

**City:** Canmore, AB

**School:** Lawrence Grassi Middle School

**Abstract:** This project continued to examine the question: Does the type of high frequency colour such as purple, blue, green, or long wave length colour such as red, orange, yellow affect the volume of food winter birds that frequent the Bow Valley will eat? Six tests were conducted in the ultraviolet range using black light paint. These tests were conducted in the birds' natural surroundings.

### Biography

My name is Ty Godfrey. I'm a grade 8 French Immersion student at Lawrence Grassi Middle School in Canmore, Alberta, a small mountain community located in the heart of the Canadian Rockies. My favorite subjects are math and science. This year is my second Science Fair experience. To start off, I LOVE sports. I'm a competitive XC-skier and have won many gold medals at the Western Canadian Championships, Alberta Winter Games, and at the North American Youth Championships; the most prestigious Midget race in North America. During the off season, I play soccer for Canmore's Rep team for which our team won the Provincial Championship and I was the season's Most Valuable Player. I also love mountain biking, uni-cycling and running. I broke 2 school records and won gold in my first provincial zone track meet. I also won the provincial zone cross country running race. I love making sports Go-pro videos. When I graduate from high school, I plan to represent Canada at the Winter Olympic Games in XC-skiing before I attend university. I would love to be an engineer or a sports film maker. My twin brother, Reed pushes me to succeed in everything I do.

### Awards

### Value

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|---|----------------|
| Excellence Award - Junior - Silver Medal<br>Sponsor: Youth Science Canada                                       | \$700          |
| Western University Scholarship<br>Silver Medallist - \$2000 Entrance Scholarship<br>Sponsor: Western University | \$2 000        |
| <b>Total</b>  | <b>\$2 700</b> |