

# 28<sup>th</sup> ANNUAL ROTARY SCIENCE FAIR AWARDS - 2015

## TOP AWARDS ("BEST OF FAIR")

### 1. Rotary Club of Sault Ste. Marie Award of Excellence:

First Entry to Canada-Wide Science Fair

**First Place - Best of Fair:**

"Anti-Bacterial Effects of Tea Tree Oil" by Emily Elder (Korah Collegiate)

### 2. TENARIS Award:

Second Entry to Canada-Wide Science Fair

**Second Place - Best of Fair:**

"To Bee or Not To Bee" by Jordan Winter (Korah Collegiate)

### 3. Benjamin Cohen Family Memorial Trophy: \$70 Cash Award

**Third Place - Best of Fair:**

"Anticipation vs. Reaction: The Effect of Anticipation on the Reaction Time of Swimmers" by Sarah Gelmych (Korah Collegiate)

### Honourable Mentions:

4. "Hear It or See It Here 1st" by Gavan Barrett (Grand View)

5. "Does Temperature Affect The Speed Of A Puck?" by Jennifer Allick (Grand View)

6. "How Gear Ratios Affect Motors" by Max Fisher & Gavyn McCabe (Superior Heights)

*First-place, second-place, and third-place winners in Best of Fair will all travel to the Canada-wide national competition being held May 9-16 in **Fredericton NB**. Alternate award-winning projects may go if the primary winners cannot attend.*

## Alfred R. Askin Shields

**(for best school team participation and excellence in each division)**

1. Senior School (grades 11-12): Korah Collegiate

2. Intermediate School (grades 9-10): Korah Collegiate

3. Junior School (grades 7-8): Grand View

## **Awards for Best in Each Age Category**

### **1<sup>st</sup> Place Junior**

*TENARIS Award, \$80*

"Hear It or See It Here 1st" by Gavan Barrett (Grand View)

### **1<sup>st</sup> Place Intermediate**

*TENARIS Award, \$80*

"To Bee or Not To Bee" by Jordan Winter (Korah Collegiate)

### **1<sup>st</sup> Place Senior**

*TENARIS Award, \$80*

"Anti-Bacterial Effects of Tea Tree Oil" by Emily Elder (Korah Collegiate)

### **2<sup>nd</sup> Place Junior**

*Don Wallace Memorial Award, \$60*

"Does Temperature Effect The Speed Of A Puck?" by Jennifer Allick (Grand View)

### **2<sup>nd</sup> Place Intermediate**

*Don Wallace Memorial Award, \$60*

"Calories Count!" by Emma Klooster & Hailee Young (Superior Heights)

### **2<sup>nd</sup> Place Senior**

*Don Wallace Memorial Award, \$60*

"Anticipation vs. Reaction: The Effect of Anticipation on the Reaction Time of Swimmers" by Sarah Gelmych (Korah Collegiate)

### **3<sup>rd</sup> Place Junior**

*Essar Award, \$40*

"BarDown" by Tyler Thomlinson & Nicholas Niro (Grand View)

### **3<sup>rd</sup> Place Intermediate**

*Essar Award, \$40*

"How Do People Recognize Emotions Using Facial Clues?" by Payton Beilhartz & Emma McLeod (Superior Heights)

### **3<sup>rd</sup> Place Senior**

*Essar Award, \$40*

"How Gear Ratios Affect Motors" by Max Fisher & Gavyn McCabe (Superior Heights)

## Special Sponsored Awards

### Professional Engineers of Ontario Awards (2)

*Most Innovative Development, Adaptation, or Use of Technology in any subject area, \$125 each*

"Building the Best Bridge" by Daphné Dupuis & Mya St Jean (Rosedale)

"Does Temperature Affect The Speed Of A Puck?" by Jennifer Allick (Grand View)

### TENARIS Award

*Innovative Use of Robotics, \$100*

"How Gear Ratios Affect Motors" by Max Fisher & Gavyn McCabe (Superior Heights)

### Superior Digital Solutions

*Best Use of Applied Mathematics, \$50*

"BarDown" by Tyler Thomlinson & Nicholas Niro (Grand View)

### Essar Steel Award

*Best in Computer Science, \$50*

"The effect of temperature on the diffusion of thiaflavin pigment in Earl Grey tea" by Noah Janzen (Korah Collegiate)

### Gary Rahn Memorial Awards (2), Sault Naturalists

*Best in Natural History, \$50*

"To Bee or Not To Bee" by Jordan Winter (Korah Collegiate)

*Best in Green Thinking, \$50*

"How does the holocellulose to lignin ratio of bark affect its heat of combustion?" by Can Cui & Dante Severini (Korah Collegiate)

### Attilio Berdusco Award

*Best in Health Sciences, \$70*

"Anti-Bacterial Effects of Tea Tree Oil" by Emily Elder (Korah Collegiate)

### University of Ottawa Most Deserving Senior Project

*\$1,000 Admission Scholarship Award*

"Iodine Clock Lab" by Avery Newman-Simmons (Korah Collegiate)

### Algoma University Most Deserving Senior Project

*\$1,000 Entrance Scholarship Award*

"Anti-Bacterial Effects of Tea Tree Oil" by Emily Elder (Korah Collegiate)

## 2015 Rotary Science Fair Statistics

This year's competition was our **28<sup>th</sup>** annual science fair!

73 Projects Total: 39 Junior (Grades 7-8), 10 Intermediate (Grades 9-10), 24 Senior (Grades 11-12)

107 Students Total: 63 Junior, 19 Intermediate, 25 Senior

8 schools represented from Sault area

25 Judges (local scientists and technical professionals)

### **SSM Rotary Club Science Fair**

Melinda Mills & Carter Murdoch, Co-Chairs