

# 27<sup>th</sup> ANNUAL ROTARY SCIENCE FAIR AWARDS - 2014

## 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:**

"Power of Suggestion" by Kara Gruyters & Temeara Barrett (Grand View)

### 2. Tenaris Award:

**Second Entry to Canada-Wide Science Fair**

**Second Place - Best of Fair:**

"Smart Drugs: How Modern Medicine is Attacking Diseases in a New Way" by Daniella Febbraro (Korah Collegiate)

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

**Third Place - Best of Fair:**

"How Skin pH Affects the Percent Mass of Nicotine Absorbed from Nicotine Transdermal Patches" by Laura Masters (Korah Collegiate)

*First-place, second-place, and third-place winners in Best of Fair will all travel to the Canada-wide national competition being held May 10-17 in **Windsor ON**. 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): Superior Heights
3. Junior School (grades 7-8): Grand View

## Awards for Best in Each Age Category

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

*Professional Institute of Public Servants Award, \$80*

"Power of Suggestion" by Kara Gruyters & Temeara Barrett (Grand View)

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

*Ontario Power Generation Award, \$80*

"How Can Robots Be Controlled Autonomously?" by Gavyn McCabe & Max Fisher (Superior Heights)

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

*Great Lakes Forestry Centre Award, \$80*

"How Skin pH Affects the Percent Mass of Nicotine Absorbed from Nicotine Transdermal Patches"  
by Laura Masters (Korah Collegiate)

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

*Don Wallace Memorial Award, \$60*

"Need For Texting" by Mitchell Swinn & Eric Bondar (Anna McCrea)

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

*Don Wallace Memorial Award, \$60*

"Does Music Really Affect Athletic Performance?" by Alexander Schuran & Isaiah Pedatella  
(St. Basil Secondary)

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

*Don Wallace Memorial Award, \$60*

"Smart Drugs: How Modern Medicine is Attacking Diseases in a New Way" by Daniella Febbraro  
(Korah Collegiate)

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

*Essar Award, \$40*

"Chill Out and Have a Cold One" by Christian Damignani & Ryan Grasley (Anna McCrea)

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

*Essar Award, \$40*

"Life on Mars" by Matthew MacKay & Matthew Ferlino (St. Basil Secondary)

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

*Essar Award, \$40*

"The effect of antacids containing magnesium and aluminum on the in-vitro bioavailability of fexofenadine at increasing time intervals" by Emma Aslett (Korah Collegiate)

## Special Sponsored Awards

### Professional Engineers of Ontario Awards (2)

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

"Hockey Unmasked" by Tyler Barban & Joshua Rouleau (Grand View)

"How Can Robots Be Controlled Autonomously?" by Gavyn McCabe & Max Fisher (Superior Heights)

### TENARIS Award

*Innovative Use of Robotics, \$100*

"How Can Robots Be Controlled Autonomously?" by Gavyn McCabe & Max Fisher (Superior Heights)

### Superior Digital Solutions

*Best Use of Applied Mathematics, \$50*

"The effect of antacids containing magnesium and aluminum on the in-vitro bioavailability of fexofenadine at increasing time intervals" by Emma Aslett (Korah Collegiate)

### Essar Steel Award

*Best in Computer Science, \$50*

"Cloudy with a Chance of Terrorbytes: Keeping Your Information Safe" by Peter LaRue (Korah Collegiate)

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

*Best in Natural History, \$50*

"The Effect of Concentration of Different Types of Antioxidants on the Growth of Radish Plants"

by Anna Reich (Korah Collegiate)

*Best in Green Thinking, \$50*

"Ethanol Fermentation" by Jake Dale (Korah Collegiate)

### Attilio Berdusco Award

*Best in Health Sciences, \$70*

"How Does the Consumption of Gatorade during Exercise Affect Reaction Time in Long Distance Runners?"

by Austin Kirkwood (Korah Collegiate)

### University of Ottawa Most Deserving Senior Project

*\$1,000 Admission Scholarship Award*

"Smart Drugs: How Modern Medicine is Attacking Diseases in a New Way" by Daniella Febbraro (Korah Collegiate)

### Algoma University Most Deserving Senior Project

*\$500 Entrance Scholarship Award*

"How Skin pH Affects the Percent Mass of Nicotine Absorbed from Nicotine Transdermal Patches"

by Laura Masters (Korah Collegiate)

## 2014 Rotary Science Fair Statistics

This year's competition was our **27<sup>th</sup>** annual science fair!

73 Projects Total: 40 Junior (Grades 7-8), 8 Intermediate (Grades 9-10), 25 Senior (Grades 11-12)

109 Students Total: 68 Junior, 15 Intermediate, 25 Senior

9 schools represented from Sault area + 1 from Wawa

24 Judges (local scientists and technical professionals)

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

Melinda Mills & Susan Woods, Co-Chairs