

# 25<sup>th</sup> ANNUAL ROTARY SCIENCE FAIR AWARDS - 2012

## Notes:

- *Rotary Science Fair format matches the style used at the Canada-wide Science Fair. Projects are divided into three categories – Junior (grades 7 & 8), Intermediate (grades 9 & 10), and Senior (grades 11 & 12) – but they are not judged in separate subject areas like biology, engineering, etc.*
- *First-place, second-place, and third-place winners were chosen from the Juniors, Intermediates, and Seniors, and then some of these winners competed head-to-head for Best-of-Show.*
- *Six Junior entries were exhibited and presented in French this year – and produced an award winner.*

## 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:

"The Algal Alternative: A Biofuel Investigation" by Karl Zimmermann (Korah Collegiate)

### 2. Ontario Ministry of Research & Innovation – Stepping Stone Award:

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

#### Second Place - Best of Fair:

"Circadian Cycles of Angora Hamsters" by Corey Conforzi (Korah Collegiate)

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

#### Third Place - Best of Fair:

"Salty Notion" by Jordan Winter (Anna McCrea)

## Honourable Mentions:

"Reaction Distraction" by Noah Wacker & Gavyn McCabe (Grand View)

"The APPLE-tizing Effects of pH" by Molly Campbell (CASS)

*First-place, second-place, and third-place winners in Best of Fair will all travel to the Canada-wide national competition being held May 12-19 in **Charlottetown PEI**. Honourable mention projects may go if the primary winners cannot attend.*

## Alfred R. Askin Shields

### (for best school for participation and excellence in each division)

1. Senior School (grades 11-12): Korah Collegiate
2. Intermediate School (grades 9-10): Central Algoma Secondary School
3. Junior School (grades 7-8): Anna McCrea

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

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

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

"Salty Notion" by Jordan Winter (Anna McCrea)

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

*Ontario Power Generation Award, \$80*

"The APPLE-tizing Effects of pH" by Molly Campbell (CASS)

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

*Great Lakes Forestry Centre Award, \$80*

"The Algal Alternative: A Biofuel Investigation" by Karl Zimmermann (Korah Collegiate)

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

*Don Wallace Memorial Award, \$60*

"Reaction Distraction" by Noah Wacker & Gavyn McCabe (Grand View)

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

*Don Wallace Memorial Award, \$60*

"Does Multitasking Affect Your Memory and Reaction Time?" by Kaitlyn Murray (CASS)

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

*Don Wallace Memorial Award, \$60*

"Circadian Cycles of Angora Hamsters" by Corey Conforzi (Korah Collegiate)

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

*Essar Award, \$40*

"Ton âge et ton pensée (Your age and your mind)" by Brenna Ladouceur-Molinaro & Kate Mohammadi (Ecole Notre-Dame-des-Ecoles)

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

*Essar Award, \$40*

" Hydrodynamics: How Anti-Fouling Paint Is Fouling Our Environment " by Nasa Nguyen (Korah Collegiate)

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

*Essar Award, \$40*

"Can these solutions hold their arsenic?" by Ryan LaRue (Korah Collegiate)

## Special Sponsored Awards

### Hydro One Energy Ambassador Award

*Best Project on Distribution or Conservation of Electrical Energy, \$100*

"How the Surface Area of a Copper Cathode Affects the Redox Reaction" by Patrick Laporte (Korah Collegiate)

### University of Ontario Institute of Technology Award

*Most Innovative Development, Adaptation, or Use of Technology in any subject area, \$100*

"Ethanol and Digestion of Carbohydrates" by Cydney Mihell (Korah Collegiate)

### Ontario Association of Medical Laboratories Award

*Top Laboratory Sciences Project, \$100*

"Can these solutions hold their arsenic?" by Ryan LaRue (Korah Collegiate)

### University of Ottawa Most Deserving Senior Project

*\$1,000 Admission Scholarship Award*

"Circadian Cycles of Angora Hamsters" by Corey Conforzi (Korah Collegiate)

### Sault College Junior Project Award "Best Green Thinking"

*One week sponsored at the Sault College/YMCA Summer 2012 Camp*

"Environmental Clean-up" by Anik Graves (Thessalon Public School)

### MDS Laboratory Services Award (Lifelabs)

*Best Discovery Project, \$70*

"Burning Bananas" by Brianna Armstrong (Anna McCrea)

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

*Best 2 Natural History Projects, \$50 each*

1. "Ground Water Contamination" by Matthew Grexton (Thessalon Public School)
2. "Eat Your Greens... Raw" by Claire McCarthy (Korah Collegiate)

### Superior Digital Solutions

*Best Use of Applied Math, \$50*

"The Effect of Romantic Relationships on Highschool Students Self Esteem" by Christina Meyers (Korah Collegiate)

### Essar Steel Award

*Best in Engineering and Computer Science, \$50*

"A Very Magnetic Topic!" by William Caldwell-Pratt & William Edwards (Superior Heights Intermediate Collegiate & Vocational School)

### Attilio Berdusco Award

*Best in Health Sciences, \$70*

"Ton âge et ton pensée (Your age and your mind)" by Brenna Ladouceur-Molinaro & Kate Mohammadi (Ecole Notre-Dame-des-Ecoles)

### Algoma University Most Deserving Senior Project

*\$500 Admission Scholarship Award*

"The Algal Alternative: A Biofuel Investigation" by Karl Zimmermann (Korah Collegiate)

## 2012 Rotary Science Fair Statistics

This year's competition was our **25<sup>th</sup>** annual science fair!

80 Projects Total: 49 Junior (Grades 7-8), 3 Intermediate (Grades 9-10), 28 Senior (Grades 11-12)  
(Six of the Junior projects were in French)

110 Students Total: 78 Junior, 3 Intermediate, 29 Senior

12 schools represented, including 4 projects from Desbarats and Thessalon

18 Judges (local scientists and technical professionals)

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

Arthur Retnakaran, Chair

Krista Dubie, Vice Chair