

26th ANNUAL ROTARY SCIENCE FAIR AWARDS - 2013

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.*

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:

"Pawfect Solution" by Jordan Winter (Anna McCrea)

2. Nuclear Waste Management Organization Award:

Second Entry to Canada-Wide Science Fair

Second Place - Best of Fair:

"The Effect of Light Intensity on the Concentration of Lycopene in Tomato Juice" by Matéa David-Steel (Korah Collegiate)

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

Third Place - Best of Fair:

"Hot or Cold?" by Joshua Rouleau & Tyler Barban (Grand View)

*First-place, second-place, and third-place winners in Best of Fair will all travel to the Canada-wide national competition being held May 11-18 in **Lethbridge AB**. 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): Anna McCrea

Awards for Best in Each Age Category

1st Place Junior

Professional Institute of Public Servants Award, \$80

"Pawfect Solution" by Jordan Winter (Anna McCrea)

1st Place Intermediate

Ontario Power Generation Award, \$80

"An Icy Situation: The Efficacy of De-icing Agents and their Effect on the Environment" by Winston Sullivan (Korah Collegiate)

1st Place Senior

Great Lakes Forestry Centre Award, \$80

"The Effect of Light Intensity on the Concentration of Lycopene in Tomato Juice" by Matéa David-Steel (Korah Collegiate)

2nd Place Junior

Don Wallace Memorial Award, \$60

"Electrify and Filter Your Grey" by Andrew Berg (St Mary's French Immersion)

2nd Place Intermediate

Don Wallace Memorial Award, \$60

"Up In Flames" by Emma Robinson (Central Algoma Secondary)

2nd Place Senior

Don Wallace Memorial Award, \$60

"Chile Peppers and Capsaicin: The Anti-Oxidant Experiment" by Nicholas Casaletto (Korah Collegiate)

3rd Place Junior

Essar Award, \$40

"Hot or Cold?" by Joshua Rouleau & Tyler Barban (Grand View)

3rd Place Intermediate

Essar Award, \$40

"HORF: Homemade Organic Recycled Fertilizer" by Hannah MacWilliam (Central Algoma Secondary)

3rd Place Senior

Essar Award, \$40

"How the Concentration of Citalopram Affects the pH of Hydrochloric Acid" by Charlotte Aelick (Korah Collegiate)

Special Sponsored Awards

Professional Engineers of Ontario Awards (2)

Most Innovative Development, Adaptation, or Use of Technology in any subject area, \$60 each

"Electrify and Filter Your Grey" by Andrew Berg (St Mary's French Immersion)

"Dobby Bot" by Chris Willet (Superior Heights)

Purdue Pharma Award

Best Demonstration of Scientific Method, \$50

"Caffeine Conflict" by Aja Notte & Emma Klooster (Superior Heights)

University of Ottawa Most Deserving Senior Project

\$500 Admission Scholarship Award

"The Effect of Light Intensity on the Concentration of Lycopene in Tomato Juice" by Matéa David-Steel (Korah Collegiate)

MDS Laboratory Services Award (Lifelabs)

Best Discovery Project, \$70

"Pocket Radiation – What's In Your Pocket?" by Erik St. Onge & Christian Wilson (Superior Heights)

Gary Rahn Memorial Awards (2), Sault Naturalists

Best in Natural History, \$50

"Pawfect Solution" by Jordan Winter (Anna McCrea)

Best in Green Thinking, \$50

"Breaking It Down" by Valerie Zimmermann (Anna McCrea)

Superior Digital Solutions

Best Use of Applied Math, \$50

"Thermochemistry and Calorimetry" by Danielle Crozier (Korah Collegiate)

Essar Steel Award

Best in Engineering and Computer Science, \$50

"Electrify and Filter Your Grey" by Andrew Berg (St Mary's French Immersion)

Attilio Berdusco Award

Best in Health Sciences, \$70

"How the Concentration of Citalopram Affects the pH of Hydrochloric Acid" by Charlotte Aelick (Korah Collegiate)

Algoma University Most Deserving Senior Project

\$500 Admission Scholarship Award

"The Effect of Light Intensity on the Concentration of Lycopene in Tomato Juice" by Matéa David-Steel (Korah Collegiate)

2013 Rotary Science Fair Statistics

This year's competition was our **26th** annual science fair!

54 Projects Total: 34 Junior (Grades 7-8), 6 Intermediate (Grades 9-10), 14 Senior (Grades 11-12)

76 Students Total: 55 Junior, 7 Intermediate, 14 Senior

7 schools represented from Sault area

14 Judges (local scientists and technical professionals)

SSM Rotary Club Science Fair

Krista Dubie, Chair