

29th ANNUAL ROTARY SCIENCE FAIR AWARDS - 2016

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:

"What Not to Take With Aspirin" by Dante Severini (Korah Collegiate)

2. TENARIS Award:

Second Entry to Canada-Wide Science Fair

Second Place - Best of Fair:

"POWER UP! Wind Turbine Efficiency" by Daphné Dupuis & Mya St. Jean (Rosedale)

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

Third Place - Best of Fair:

"Now You See Me" by Emma Adams (St Mary's College)

Honourable Mentions:

4. "Chaga Effects" by Kendra Favaro (Superior Heights)

5. "Problematic Pathogens and the Immune System" by Emma Klooster & Ally Buchan (Superior Heights)

6. "Clean and Clear? Think Again." by Amy Carlson (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 15-20 in **Montreal, Québec**. 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): Rosedale

Awards for Best in Each Age Category

1st Place Junior

TENARIS Award, \$80

"POWER UP! Wind Turbine Efficiency" by Daphné Dupuis & Mya St. Jean (Rosedale)

1st Place Intermediate

TENARIS Award, \$80

"Now You See Me" by Emma Adams (St Mary's College)

1st Place Senior

TENARIS Award, \$80

"What Not to Take With Aspirin" by Dante Severini (Korah Collegiate)

2nd Place Junior

Don Wallace Memorial Award, \$60

"Chaga Effects" by Kendra Favaro (Superior Heights)

2nd Place Intermediate

Don Wallace Memorial Award, \$60

"Problematic Pathogens and the Immune System" by Emma Klooster & Ally Buchan (Superior Heights)

2nd Place Senior

Don Wallace Memorial Award, \$60

"How does the amount of time stirred in a sodium fluoride mouthwash prevent the human tooth from demineralizing?" by Samuel Wier (Korah Collegiate)

3rd Place Junior

Essar Steel Algoma Award, \$40

"Clean and Clear? Think Again." by Amy Carlson (Superior Heights)

3rd Place Intermediate

Essar Steel Algoma Award, \$40

"Sweaty Science – Does Intensifying a Workout Increase Heart Rate?" by Natalie Reed & Olivia Hancott (Superior Heights)

3rd Place Senior

Essar Steel Algoma Award, \$40

"How the addition of glucose affects the dissolution rate of iron (III) oxide in hydrochloric acid" by Erik Weise (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

"My Sister's Swing" by Katie Ferguson (Anna McCrea)

"POWER UP! Wind Turbine Efficiency" by Daphné Dupuis & Mya St. Jean (Rosedale)

TENARIS Robotics Award

Innovative Use of Robotics, \$100

<< This award was not presented this year — there were no robotics entries >>

Superior Digital Solutions Mathematics Award

Excellence in Mathematics, \$50

"Reading CDs" by Mitchell Petingola & Nicholas Niro (Parkland)

Essar Steel Computer Science Award

Best in Computer Science, \$50

"What is the Best Insulation Against Sound?" by Korey Miller-Boyle (St Mary's College)

Gary Rahn Memorial Awards (2), Sault Naturalists

Gary Rahn Natural History Award, \$50

"Now You See Me" by Emma Adams (St Mary's College)

Gary Rahn Green Thinking Award, \$50

"Clean and Clear? Think Again." by Amy Carlson (Superior Heights)

Attilio Berdusco Health Science Award

Best in Health Sciences, \$70

"Be Heart Smart" by Elisa Dumanski & Aeva Goodship (Rosedale)

Algoma University Most Deserving Senior Project

\$1,000 Entrance Scholarship Award

"What Not to Take With Aspirin" by Dante Severini (Korah Collegiate)

Judges' Awards

Discretionary prizes awarded in recognition of a deserving project in specific subject areas, \$50 each

Chemistry Award

Understanding the principles of chemistry and application of chemical science

"Can Nanotechnology Clean Oil Spills?" by Emma McLeod (Superior Heights)

Scientific Communication Award

Best communication of scientific thought and results, including a combination of written, oral, and visual presentation

"Sticky Situation!" by Emma Etchells Foisy & Lauren Wilkinson (Grand View)

Sports Science Award

Application of science to sports

"Est-il important de fléchir ton bâton de hockey lorsque tu tires?" by Amelia Spacek (Ecole Notre-Dame)

2016 Rotary Science Fair Statistics

This year's competition was our **29th** annual science fair!

95 Projects Total: 60 Junior (Grades 7-8), 19 Intermediate (Grades 9-10), 16 Senior (Grades 11-12)

141 Students Total: 92 Junior, 32 Intermediate, 17 Senior

10 of the projects were done in French by 19 students.

11 schools represented from Sault area

37 Judges (local scientists, engineers, and technical professionals)

Science Fair Trivia: There were *eight* girls named Emma in this year's Fair, four of whom were winners!
(There were also six variations of Sara/Sarah, sadly none of whom won.)

SSM Rotary Club Science Fair

Melinda Mills & Carter Murdoch, Co-Chairs