

17th Annual Rotary Science Fair Awards 2004

Top Awards

1. *Pfizer Canada Award of Excellence*; Entry to Canada-wide fair (to be held in St. John's, Newfoundland).

First place - Best of Fair:

“The Big Squeeze (When Rubber is the Road)” by Ryan Pietrzakowski, St. Mary's French Immersion (Teacher: L. Francella)

2. *Sci-Tech Ontario Stepping Stone Award*; Alternate to Canada-wide fair.

Second place - Best of Fair:

“Bioluminescent Fungi (*Armillaria mellea*)” by Neil Greenwood and Victoria Thomas, Sir James Dunn (Teacher: N. Perreault)

3. *Benjamin Cohen Family Memorial Trophy*;

Third Place - Best of Fair:

“Think Fast - Who has the Fastest Reaction Time” by Blake Sullivan and Scott Thornton, East View School (Teacher: Mrs. Coulter)

4. *Ontario Association of Medical Laboratories Award*;

Top Laboratory Sciences Project:

“Wave Good-bye to Flavonoids” by Megan Speers and Heather Groot, White Pines (Teacher: Ms. S. Chow)

Alfred Askin Shields (school with most winners in each grade category)

1. Senior school (grades 11-12): Sir James Dunn
2. Intermediate school (grades 9-10): Korah Collegiate
3. Junior school (grades 7-8): St. Mary's French Immersion

Special Awards

Don Wallace Memorial

1. Best in Creativity and Innovation:

“Best Balls” by Devin Boston, Grandview (Teacher: Mr. Robb)

2. Best in Life Sciences:

“Think Fast - Who has the Fastest Reaction Time” by Blake Sullivan and Scott Thornton, East View School (Teacher: Mrs. Coulter)

3. Best in Physical Sciences:

“Best Balls” by Devin Boston, Grandview (Teacher: Mr. Robb)

CFS - Great Lakes Forestry Centre Award (Deserving of Recognition):

“Going Undercover!” by Stephanie Kwolek, St. Paul (Teacher: Ms. Filice)

Gary Rahn Memorial Award (2 Best Natural History exhibits):

1. “Home Made Rivers” by Bradford Johnson and Gregory Battagin, St. Paul (Teacher: Miss Viotto)

2. “Acid Rain: Killer?” by Gillian Nearing, St. Paul (Teacher: Miss Viotto)

Awards within Categories

Biotechnology

Best of Category – Overall

1st - Professional Institute of Public Servants Award: Best in Biotechnology.

“Bioluminescent Fungi (*Armillaria mellea*)” by Neil Greenwood and Victoria Thomas, Sir James Dunn
(Teacher: N. Perreault)

2nd – “Stimulating Steroids” by Esther Campbell, Queen Elizabeth (Teacher: Carol Lucia)

3rd – “Decomposition of Natural Plastic” by Chris Biocchi, Parkland Public School (Teacher: Mrs. Tessler)

Biotechnology - Senior

1st – “Bioluminescent Fungi (*Armillaria mellea*)” by Neil Greenwood and Victoria Thomas, Sir James Dunn (Teacher: N. Perreault)

2nd – *Not Awarded*

3rd - *Not Awarded*

Biotechnology - Intermediate

1st - *Not Awarded*

2nd - *Not Awarded*

3rd - *Not Awarded*

Biotechnology - Junior

1st - “Stimulating Steroids” by Esther Campbell, Queen Elizabeth (Teacher: Carol Lucia)

2nd - “Decomposition of Natural Plastic” by Chris Biocchi, Parkland Public School (Teacher: Mrs. Tessler)

3rd – “Plant Food Paranoia” by Clinton Ritchie and Zachary Griffin, East View (Teacher: Jason Kennedy)

Awards within Categories

Health Sciences

Best of Category - Overall

1st – “Effects of Music on Memory” by Katelynn Denardo and Elizabeth Peredun, Anna McCrea
(Teacher: Mrs. Barnard)

2nd – “Wave Good-bye to Flavonoids” by Megan Speers and Heather Groot, White Pines (Teacher:
Ms. S. Chow)

3rd – “Does Exercise Improve Your Short-term Memory?” by Caitlin Strapp, Parkland Public School
(Teacher: Mr. Gover)

Health Sciences - Senior

1st - “Wave Good-bye to Flavonoids” by Megan Speers and Heather Groot, White Pines (Teacher:
Ms. S. Chow)

2nd – “Leukemia” by Caitlin Cliffe and Paige Linklater, Sir James Dunn (Teacher: N. Perreault)

3rd - *Not Awarded*

Health Sciences - Intermediate

1st - *Not Awarded*

2nd - *Not Awarded*

3rd - *Not Awarded*

Health Sciences - Junior

1st – “Effects of Music on Memory” by Katelynn Denardo and Elizabeth Peredun, Anna McCrea
(Teacher: Mrs. Barnard)

2nd - “Does Exercise Improve Your Short-term Memory?” by Caitlin Strapp, Parkland Public School
(Teacher: Mr. Gover)

3rd – “Bacteria Killers (A Toothpaste Test)” by Jennifer Gooderham, St. Mary’s French Immersion
(Teacher: L. Francella)

Awards within Categories

Earth and Environmental Sciences

Best of Category - Overall

1st - Ontario Power Generation Award - Best in Earth and Environmental Sciences

“Effects of pH and Pollutants on Brine Shrimp” by Rhiannon Johns, Anna McCrea (Teacher: Mrs. Barnard)

2nd – “Effects of Biodegradable Detergents on Surface Tension of Water” by Amanda Quesnelle and Anita Hazzard, Korah Collegiate (Teacher: Mrs. Harvey)

3rd – “Acid Rain: Killer?” by Gillian Nearing, St. Paul (Teacher: Miss Viotto)

Earth and Environmental Sciences - Senior

1st – “Effects of Biodegradable Detergents on Surface Tension of Water” by Amanda Quesnelle and Anita Hazzard, Korah Collegiate (Teacher: Mrs. Harvey)

2nd – “Effect of pH on Soil Erosion” by Alex Cushley and Aaron Wallace, Korah Collegiate (Teacher: Mrs. Harvey)

3rd - *Not Awarded*

Earth and Environmental Sciences - Intermediate

1st – *Not Awarded*

2nd - *Not Awarded*

3rd – *Not Awarded*

Earth and Environmental Sciences - Junior

1st - “Effects of pH and Pollutants on Brine Shrimp” by Rhiannon Johns, Anna McCrea (Teacher: Mrs. Barnard)

2nd - “Acid Rain: Killer?” by Gillian Nearing, St. Paul (Teacher: Miss Viotto)

3rd – “To Grow or Not to Grow” by David Robertson and Shawn Landry, Ben R. McMullin (Teacher: Mr. McCabe)

Awards within Categories

Engineering and Computing Sciences

Best of Category - Overall

1st - Algoma Steel Award - Best in Engineering and Computing Sciences – “The Big Squeeze (When Rubber is the Road)” by Ryan Pietrzakowski, St. Mary’s French Immersion (Teacher: L. Francella)

2nd – “Wind Energy” by Drew Canduro, St. Mary’s French Immersion (Teacher: Madame Delfgou)

3rd – “Blade Effects” by Tyson Saari, Parkland Public School (Teacher: Mr. Michel)

Engineering and Computing Sciences - Senior

1st - *Not Awarded*

2nd - *Not Awarded*

3rd - *Not Awarded*

Engineering and Computing Sciences - Intermediate

1st – “How Do Speakers Work?” by Matt Laporte and Bo Lu, Korah Collegiate (Teacher: Mrs. Harvey)

2nd - *Not Awarded*

3rd - *Not Awarded*

Engineering and Computing Sciences - Junior

1st - “The Big Squeeze (When Rubber is the Road)” by Ryan Pietrzakowski, St. Mary’s French

Immersion (Teacher: L. Francella)

2nd – “Wind Energy” by Drew Canduro, St. Mary’s French Immersion (Teacher: Madame Delfgou)

3rd - “Blade Effects” by Tyson Saari, Parkland Public School (Teacher: Mr. Michel)

Awards within Categories

Life Sciences

Best of Category - Overall

1st – “Think Fast - Who has the Fastest Reaction Time” by Blake Sullivan and Scott Thornton, East View School (Teacher: Mrs. Coulter)

2nd – “Going Undercover!” by Stephanie Kwolek, St. Paul (Teacher: Ms. Filice)

3rd – “Colour Confusion” by Allison Clay and Celine Gravelines, St. Paul (Teacher: Miss Viotto)

Life Sciences - Senior

1st – “Comparing the Effects of Exercise on Body Temperature” by Mary Medaglia and Phil Lucchetti, Korah Collegiate (Teacher: Mr. P. DiBerardino)

2nd - *Not Awarded*

3rd - *Not Awarded*

Life Sciences - Intermediate

1st - *Not Awarded*

2nd - *Not Awarded*

3rd - *Not Awarded*

Life Sciences - Junior

1st – “Think Fast - Who has the Fastest Reaction Time” by Blake Sullivan and Scott Thornton, East View School (Teacher: Mrs. Coulter)

2nd – “Going Undercover!” by Stephanie Kwolek, St. Paul (Teacher: Ms. Filice)

3rd – “Colour Confusion” by Allison Clay and Celine Gravelines, St. Paul (Teacher: Miss Viotto)

Awards within Categories

Physical and Mathematical Sciences

Best of Category - Overall

1st – “Best Balls” by Devin Boston, Grandview (Teacher: Mr. Robb)

2nd – “The Conductivity of Water Before & After Treatment” by Stephanie Fratesi and Devon Clark, Korah Collegiate (Teacher: Mrs. Harvey)

3rd – “Extreme Nail Polish Challenge” by Cierra Pezzotti, Grandview (Teacher: Mr. Grbich)

Physical and Mathematical Sciences - Senior

1st – “The Conductivity of Water Before & After Treatment” by Stephanie Fratesi and Devon Clark, Korah Collegiate (Teacher: Mrs. Harvey)

2nd – “Cheese Economics” by Travis Tormala and Angela Jurich, Korah Collegiate (Teacher: Mrs. Harvey)

3rd – “Mummification” by Natasha Jurko, Sir James Dunn (Teacher: N. Perreault)

Physical and Mathematical Sciences - Intermediate

1st - *Not Awarded*

2nd - *Not Awarded*

3rd - *Not Awarded*

Physical and Mathematical Sciences - Junior

1st – “Best Balls” by Devin Boston, Grandview (Teacher: Mr. Robb)

2nd – “Extreme Nail Polish Challenge” by Cierra Pezzotti, Grandview (Teacher: Mr. Grbich)

3rd – “Which Filtration Method is Most Effective in Rendering Snow-Water” by Scott Wolowich and Greg Bright, Grandview (Teacher: Mr. Grbich)

Suzanne Priddle-Luck,

Chairperson