

19th ANNUAL ROTARY SCIENCE FAIR AWARDS - 2006

TOP AWARDS

1. Pfizer Canada Award of Excellence: First Entry to Canada-wide fair.

First Place - Best of Fair:

"A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute"
by Matt Laporte and Bo Lu (Korah Collegiate)

2. Sci-Tech Ontario Stepping Stone Award: Second Entry to Canada-wide fair.

Second Place - Best of Fair:

"Filtration System" by Katie Pietrzakowski (St Mary's French Immersion)

3. Benjamin Cohen Family Memorial Trophy: \$100 Cash Award.

Third Place - Best of Fair:

"Colour and Behaviour" by Kaylee Wisternoff and Jessica Sidwell (Grand View)

Note: First-place and second-place winners in Best of Fair will travel to the Canada-wide national competition being held this year in Saguenay, Quebec. (Third-place winner is the alternate.)

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

1. Senior school (grades 11-12): Korah Collegiate
2. Intermediate school (grades 9-10): Not Awarded
3. Junior school (grades 7-8): St. Mary's French Immersion

SPECIAL AWARDS

Don Wallace Memorial Awards

1. Best in Creativity and Innovation (\$50 cash):

"Colour Your World" by Cam Coulter and Johnny McMillan (Anna McCrea)

2. Best in Life Sciences (\$75 cash):

"Colour and Behaviour" by Kaylee Wisternoff and Jessica Sidwell (Grand View)

3. Best in Physical Sciences (\$75 cash):

"A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute"
by Matt Laporte and Bo Lu (Korah Collegiate)

Attilio Berdusco Award: Best in Health Sciences (\$75 cash):

"Which Pop Decays Teeth Faster?" by Matthew Aleksa (Grand View)

CFS - Great Lakes Forestry Centre Award: Deserving of Recognition (\$75 cash):

"The Mug-Shot Low Speed Ramjet" by Calvin Young and Christopher Lewis (Rosedale)

Gary Rahn Memorial Awards: Two Best Natural History Exhibits (\$50 cash each):

1. "Colour and Behaviour" by Kaylee Wisternoff and Jessica Sidwell (Grand View)

2. Second prize not awarded.

Ontario Association of Medical Laboratories Awards:

1. Top Laboratory Sciences Project - Junior (\$100 cash):

"Lights, Prism, Refr-ACTION!" by Quinton Burrows (Anna McCrea)

2. Top Laboratory Sciences Project - Senior (\$100 cash):

"How the Age of Pipes Affects a Household's Water Supply" by Angie Dobbs (Korah Collegiate)

Hydro One Energy Ambassador Award (\$100 cash):

"Insulation Station" by Daniel McCulloch and Colin Miller (Grand View)

Ontario Power Generation Award: Best in Earth and Environmental Sciences (\$75 cash):

"Filtration System" by Katie Pietrzakowski (St Mary's French Immersion)

Algoma Steel Award: Best in Engineering and Computing Sciences (\$75 cash):

"Efficiency of a Model Rocket" by Michaela Kuuskman and Kyle McLeod (Korah Collegiate)

University of Ontario Institute of Technology Awards:

1. Most Innovative Development, Adaptation, or Use of Technology in Any Subject Area - Junior (\$100 cash):

"Filtration System" by Katie Pietrzakowski (St Mary's French Immersion)

2. Most Innovative Development, Adaptation, or Use of Technology in Any Subject Area - Senior (\$100 cash):

"A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute" by Matt Laporte and Bo Lu (Korah Collegiate)

MDS Laboratory Services Award: Best Project in Category of Human Health (\$62 cash):

"Which Pop Decays Teeth Faster?" by Matthew Aleksa (Grand View)

Professional Institute of Public Servants Award: Best in Biotechnology (\$75 cash):

"Electromagnetic Fields - Short or Long Term Effects" by Julean Albidone and Peter Nearing (St Paul School)

University of Ottawa Scholarship: Best Senior Project (\$1000 Scholarship):

"A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute" by Matt Laporte and Bo Lu (Korah Collegiate)

AWARDS WITHIN CATEGORIES...

BIOTECHNOLOGY

Best of Category

1st - "Electromagnetic Fields - Short or Long Term Effects" by Julean Albidone and Peter Nearing (St Paul School)

2nd - "Under the Lights" by David Kwolek (St Paul School)

3rd - "Banana Ripe-Public" by Brandon Guzzo-Foliaro and Tianna Deluzio (St Paul School)

HEALTH SCIENCES

Best of Category

1st - "Which Pop Decays Teeth Faster?" by Matthew Aleksa (Grand View)

2nd - "A Bloody Issue - Stress vs Eating" by Anna Canduro (St Mary's French Immersion)

3rd - "What do you remember? Short Term Memory" by Genna Patterson and Dana Morrison (Rosedale)

LIFE SCIENCES

Best of Category

1st - "Colour and Behaviour" by Kaylee Wisternoff and Jessica Sidwell (Grand View)

2nd - "Is Left Right for You?" by Blake Sullivan and Scott Thornton (East View)

3rd - "Canine Toy Choice" by Liza Ritchie (Grand View)

EARTH AND ENVIRONMENTAL SCIENCES

Best of Category - Overall

"Filtration System" by Katie Pietrzakowski (St Mary's French Immersion)

Earth and Environmental Sciences - Senior

1st - "Radioactive in Cigarettes" by Jimena Loureiro (Korah Collegiate)

2nd - "The Effect of Acid Rain on Aquatic Environments" by Anna-Katharina Becker
(Korah Collegiate)

3rd - "The Effect of pH on Algae Metabolism" by Lucia Frecha (Korah Collegiate)

Earth and Environmental Sciences - Junior

1st - "Filtration System" by Katie Pietrzakowski (St Mary's French Immersion)

2nd - "Natural Insulators" by Becca Leigh and Karly Meincke (Prince Charles)

3rd - "Which colour of light best effects the growth of radishes?"
by Renee St. Jean and Gordon Porter (Bawating Intermediate Elementary)

ENGINEERING AND COMPUTING SCIENCES

Best of Category - Overall

"Efficiency of a Model Rocket" by Michaela Kuuskman and Kyle McLeod (Korah Collegiate)

Engineering and Computing Sciences - Senior

1st - "Efficiency of a Model Rocket" by Michaela Kuuskman and Kyle McLeod (Korah Collegiate)

2nd - "The Effect of the Size of the Container on Combustion" by Christopher Gaughan (Korah Collegiate)

3rd - "The Effect of Acid Rain on Nanotubes" by Kathryn Harvey (Korah Collegiate)

Engineering and Computing Sciences - Junior

1st - "Shop Vacuum Hovercraft" by Stormer Santana and Joshua Fritz (Grand View)

2nd - "The Mug-Shot Low Speed Ramjet" by Calvin Young and Christopher Lewis (Rosedale)

3rd - "Electrostatic Water Drop Generator" by Alexandra Laudadio (Rosedale)

PHYSICAL AND MATHEMATICAL SCIENCES

Best of Category - Overall

"A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute"
by Matt Laporte and Bo Lu (Korah Collegiate)

Physical and Mathematical Sciences - Senior

1st - "A Mathematical Model of the Acoustical Properties of the Transverse Concert Flute"

by Matt Laporte and Bo Lu (Korah Collegiate)

2nd - "How the Age of Pipes Affects a Household's Water Supply" by Angie Dobbs
(Korah Collegiate)

3rd - "Dispersion in Cleaners" by Megan Magee and Katherine Bos (Korah Collegiate)

Physical and Mathematical Sciences - Junior

1st - "Red Eye, Why?" by Rachel Brain and Carmen Bruni (Grand View)

2nd - "Lights, Prism, Refr-ACTION!" by Quinton Burrows (Anna McCrea)

3rd - "Toilet Tissue Trials" by Megan Cesco and Jena Heise (St Paul School)

2006 Science Fair Statistics:

100 Projects Total:

75 Junior (Grades 7-8)

25 Senior (Grades 11-12)

No Intermediate (Grades 9-10)

152 Students

32 Judges (local scientists and technical professionals)

Suzanne Priddle-Luck,
Chairperson