



# Frontenac, Lennox and Addington Science Fair

## FLASF 2011 AWARD WINNERS

### Best of Fair Awards

#### Best of Fair Awards

##### **Honorable Mention**

(2304) Solar Cycle

Student: Gregory Borschneck

School: King's Town School

(2312) Flexing Wings

Student: Laura Dunne-Mucklow

School: Calvin Park Public School

##### **Bronze Medal and Trophy**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

##### **Silver Medal and Trophy**

(2403) A Hairy Ordeal

Student: Sydney Mosaheb

School: King's Town School

##### **Gold Medal and Queen's University Trophy**

(2104) SOS (Stop Oil Spills): Results of an LC50 Study on Artemia Salina

Student: Neel Sharma

School: King's Town School

### The Ontario Ministry of Research and Innovation Stepping Stone Award

##### **Certificate to winner & Grant of \$650 to the region**

(2104) SOS (Stop Oil Spills): Results of an LC50 Study on Artemia Salina

Student: Neel Sharma

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## Divisional Award Winners

### Computing and Engineering Division Award - Primary Age Category

#### Honorable Mention

(1301) Getting a Charge out of Wind  
Student: Evelyn Yach  
School: École Lundy's Lane School

### Computing and Engineering Division Award - Junior Age Category

#### Honorable Mention

(2317) Charging the World, One iPod at a Time  
Students: Katlyn Babcock , Amber Riberdy  
School: Odessa Public School

#### Bronze Medal

(2316) Bump your Car, creating electricity from speed bumps  
Student: Lizzie Diederichs  
School: King's Town School

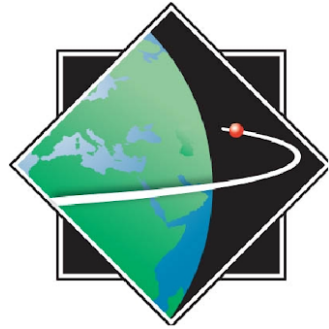
(2309) Doors to Power!  
Students: Arisha Salahuddin , Farah Hassouneh  
School: Calvin Park Public School

#### Silver Medal

(2307) The Sound of Silence  
Student: Elizabeth McAuley  
School: Odessa Public School

#### Gold Medal

(2304) Solar Cycle  
Student: Gregory Borschneck  
School: King's Town School



# Frontenac, Lennox and Addington Science Fair

(2312) Flexing Wings

Student: Laura Dunne-Mucklow

School: Calvin Park Public School

## **Computing and Engineering Division Award - Intermediate Age Category**

### **Bronze Medal**

(3301) Here Comes the Sun : better designs for solar cookers and solar-powered water purifiers.

Student: Kaitlyn Diederichs

School: Kingston Collegiate & Vocational Institute

## **Physical and Mathematical Sciences Division Award - Primary Age Category**

### **Silver Medal**

(1202) It's All Downhill From Here!

Student: Sarah Springer

School: King's Town School

(1204) The Speed of Light in Jell-O

Student: Noah Luyt

School: Kingston Christian School

(1208) Hot or Cold

Students: Mira Loock , Mitzi Ellemers

School: École Lundy's Lane School

### **Gold Medal**

(1206) EQAO and the Deprivation Index

Student: Cove McConnell

School: École Lundy's Lane School



# Frontenac, Lennox and Addington Science Fair

## Physical and Mathematical Sciences Division Award - Junior Age Category

### Honorable Mention

(2202) Money vs. Quality: Are you really getting your money's worth out of your paper towels?

Students: Paige Preston , Jenna Martin  
School: Odessa Public School

(2208) Spinspiration

Students: Hayley MacCharles , Tina Cai  
School: Calvin Park Public School

(2203) Does Splatter Matter?

Student: Marisela Tremlett  
School: King's Town School

(2212) A Flexible Shot

Students: Mike Lindensmith , Trenton Smith  
School: Odessa Public School

(2213) Affective Angles

Student: Jake Fairfax  
School: Odessa Public School

### Bronze Medal

(2216) Are Your PJs a Fire Hazard?

Students: Elizabeth Wales , Izzi Wright  
School: Odessa Public School

(2206) Can You Spell It?

Student: Kathleen Hiscock  
School: Calvin Park Public School

(2207) Fibre Optics: Theory of Total Reflection Reflection

Student: Hershil Devnani  
School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

(2201) Iron and Rust

Student: Joshua Lilliman

School: Calvin Park Public School

## **Gold Medal**

(2205) Forceful Relationships

Student: Lubnaa Hossenbaccus

School: Calvin Park Public School

## **Life & Earth Sciences-Non-Human Division Award - Primary Age Category**

### **Honorable Mention**

(1121) Clean.....or not?

Student: Hunter Chapman

School: King's Town School

(1102) Clean Country Water - Are We Fooling Ourselves

Student: Stephen Petsikas

School: King's Town School

(1103) Its Not Easy Being GREEN!

Student: Dawson Ethier

School: King's Town School

(1113) Keepin' Cool

Student: Sarah de la Roche

School: King's Town School

(1119) Do MICrowave Ovens Produce Radioactivity

Student: Callum Liddle

School: Polson Park Public School

(1118) Oil vs. Algae

Student: Chase Bratt

School: King's Town School

(1107)

Student: Bianca Tremblay

School: École élémentaire Madeleine-de-Roybon



# Frontenac, Lennox and Addington Science Fair

(1117) Are Dogs Colorblind

Student: Erin Redfearn

School: King's Town School

## **Bronze Medal**

(1111) mold on cheese

Student: Udit-Angelo Saha

School: King's Town School

## **Silver Medal**

(1109) Future Fuels

Student: Matthew Grekul

School: Kingston Christian School

(1115) The Milk is in the "Moo"sic: Music and Milk Production

Student: Jacob DeVries

School: Kingston Christian School

## **Gold Medal**

(1101) The Affect of Ground Geology on Hot Springs

Student: Maxwell Moore

School: King's Town School

(1110) Red Wiggler Worms vs. Super Worms

Student:

School: Polson Park Public School

## **Life & Earth Sciences-Non-Human Division Award - Junior Age Category**

### **Honorable Mention**

(2126) Paws and Jaws

Student: Tuesday Kristiansen

School: Odessa Public School

(2117) Solar Power Performance

Student: Jordan Harry

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

(2127) Electroculture  
Student: Tylar Bratt  
School: King's Town School

## **Bronze Medal**

(2103) Spill It!!  
Student: Tarrah Ethier  
School: King's Town School

(2107) Which Wood Will Win and Why  
Student: Ethan Lloyd  
School: Odessa Public School

## **Silver Medal**

(2120) Green roofs vs. asphalt roofs  
Student: Annie King  
School: Calvin Park Public School

## **Gold Medal**

(2104) SOS (Stop Oil Spills): Results of an LC50 Study on Artemia Salina  
Student: Neel Sharma  
School: King's Town School

## **Life & Earth Sciences-Non-Human Division Award - Senior Age Category**

### **Silver Medal**

(4101) The Effect on Caffeine on the Germination of Seeds  
Students: Michelle Lemieux , Sophia Attwells  
School: Kingston Collegiate & Vocational Institute

## **Human Health Science Division Award - Primary Age Category**

### **Honorable Mention**

(1410) The Charm in Exercise  
Student: Olivia Moore  
School: King's Town School



# Frontenac, Lennox and Addington Science Fair

(1409) How Do We Taste?

Student: Alexandra Dalglish

School: Martello Enrichment School

(1406) The Sleep Cycle and the Sleep Positions

Student: Jael Moore

School: Martello Enrichment School

(1411) Solar Water Disinfection

Student: Donnan Grekul-Somerville

School: King's Town School

(1414) Fuel and Fat in Your Food

Student: Karl Jones

School: King's Town School

## **Bronze Medal**

(1405) Driven to Distraction

Student: Andrew Borschneck

School: King's Town School

## **Silver Medal**

(1412) Does Chocolate Make You Smarter?

Student: Sydney Eliot-Wilson

School: King's Town School

## **Gold Medal**

(1402) Do you think you can see all the colours?

Student: Bilal Islam

School: King's Town School

## **Human Health Science Division Award - Junior Age Category**

### **Honorable Mention**

(2411) Tuning Your Beat

Student: Katryna Seabrook

School: Calvin Park Public School





# Frontenac, Lennox and Addington Science Fair

(2419) Flu Vaccine

Student: Olivia Pearson

School: Calvin Park Public School

(2420) A Study of Colour and Memory

Student: Emma Hume

School: Odessa Public School

(2401) Taking the Plunge: Do swimmers have greater lung capacity than non-athletes?

Student: William Simpson

School: King's Town School

## **Silver Medal**

(2402) Distracted Drivers: Is Reaction Time Slower?

Student: Lorenzo Sivilotti

School: King's Town School

(2412) Electrolyte Drinks vs. Reaction Time

Student: Allen Lai

School: Calvin Park Public School

(2423) Bar, Liquid or Foam

Student: Arianna Kemp

School: Odessa Public School

## **Gold Medal**

(2403) A Hairy Ordeal

Student: Sydney Mosaheb

School: King's Town School

## **Human Health Science Division Award - Senior Age Category**

### **Gold Medal**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute



# Frontenac, Lennox and Addington Science Fair

## Special Award Winners

### Le Prix Michel-Sarrazin (Association canadienne-française de l'Ontario)

**Un prix de 50\$ pour le niveau primaire (\$50 cash prize for Primary Age  
Category) (\$50 cash)**

(1107)

Student: Bianca Tremblay

School: École élémentaire Madeleine-de-Roybon

### Canadian Obesity Network Award

**Cash Prize of \$100 and one year's free subscription for the winner's  
school to Conduit (\$100 cash)**

(1414) Fuel and Fat in Your Food

Student: Karl Jones

School: King's Town School

### City of Kingston Best Environmental Project Award

**\$50 cash prize and plaque (\$50 cash)**

(2120) Green roofs vs. asphalt roofs

Student: Annie King

School: Calvin Park Public School

### CMC Microsystems Award

**\$100 gift certificate for Future Shops**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

(2317) Charging the World, One iPod at a Time

Students: Katlyn Babcock , Amber Riberdy

School: Odessa Public School



# Frontenac, Lennox and Addington Science Fair

## Kingston Field Naturalists Award

### Primary: \$50 Gift certificate

(1106) Endangered Giraffes

Student: Brenna Lamoureux

School: Martello Enrichment School

### Junior: \$50 Gift certificate

(2104) SOS (Stop Oil Spills): Results of an LC50 Study on Artemia Salina

Student: Neel Sharma

School: King's Town School

## Raise a Little Health Award (KFL&A Public Health)

### Cash prize of \$100 (\$100 cash)

(1405) Driven to Distraction

Student: Andrew Borschneck

School: King's Town School

## Nipissing University Regional Science Fair Award

### \$1000 Admission scholarship (If project involves 2 students, two \$500 scholarships will be awarded) (\$1000 scholarship)

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

## Novelis Sandra Davison Award

### \$100 Cash Prize (\$100 cash)

(2304) Solar Cycle

Student: Gregory Borschneck

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## Ontario Association of Certified Engineering Technicians and Technologists Award

**\$50 cash award and plaque(s) (\$50 cash)**

(1107)

Student: Bianca Tremblay

School: École élémentaire Madeleine-de-Roybon

## Professional Engineers of Ontario Award

**Second prize: \$100 cash and plaque(s) (\$100 cash)**

(2316) Bump your Car, creating electricity from speed bumps

Student: Lizzie Diederichs

School: King's Town School

**First prize: \$100 cash and plaque(s) plus school trophy (\$100 cash)**

(2304) Solar Cycle

Student: Gregory Borschneck

School: King's Town School

## Queen's University Centre for Neuroscience Studies Award

**Cash prize (\$100 cash)**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

## Queen's University Department of Anatomy and Cell Biology Award

**Cash prize (\$100 cash)**

(1412) Does Chocolate Make You Smarter?

Student: Sydney Eliot-Wilson

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## Queen's University Department of Biology Award

### Book prizes (\$50 value)

(2104) SOS (Stop Oil Spills): Results of an LC50 Study on Artemia Salina

Student: Neel Sharma

School: King's Town School

(2121) Studies in Transpiration in Daisies

Student: Thomas Lee

School: Calvin Park Public School

(1110) Red Wiggler Worms vs. Super Worms

Student:

School: Polson Park Public School

(1115) The Milk is in the "Moo"sic: Music and Milk Production

Student: Jacob DeVries

School: Kingston Christian School

## Queen's University Department of Chemistry Award

### Cash Prize (\$50 cash)

(1102) Clean Country Water - Are We Fooling Ourselves

Student: Stephen Petsikas

School: King's Town School

## Queen's University Department of Electrical & Computer Engineering Award

### Second Prize (\$75 cash)

(2309) Doors to Power!

Students: Arisha Salahuddin , Farah Hassouneh

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

**First Prize: Cash prize and winner's name(s) on a trophy displayed at the university department. (\$125 cash)**

(2316) Bump your Car, creating electricity from speed bumps

Student: Lizzie Diederichs

School: King's Town School

## **Queen's University Department of Mechanical & Materials Engineering Award**

**Cash prize (\$100 cash)**

(2309) Doors to Power!

Students: Arisha Salahuddin , Farah Hassouneh

School: Calvin Park Public School

## **Queen's University Department of Microbiology & Immunology**

**Cash Prize and name(s) on trophy displayed at the university department (\$100 cash)**

(1121) Clean.....or not?

Student: Hunter Chapman

School: King's Town School

**Cash Prize and plaque plus name(s) on trophy displayed at the university department (\$100 cash)**

(2423) Bar, Liquid or Foam

Student: Arianna Kemp

School: Odessa Public School

## **Queen's University Department of Pathology and Molecular Medicine Award**

**Cash prize (\$75 cash)**

(2403) A Hairy Ordeal

Student: Sydney Mosaheb

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## Queen's University Department of Physiology Award

### **Honourable Mention (\$50 cash)**

(2412) Electrolyte Drinks vs. Reaction Time

Student: Allen Lai

School: Calvin Park Public School

### **First Prize: Cash prize and name(s) on a trophy displayed at student's school (\$75 cash)**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

## Queen's University Engineering Society Science Quest Awards

### **One week at Science Quest Camp**

(2120) Green roofs vs. asphalt roofs

Student: Annie King

School: Calvin Park Public School

(2307) The Sound of Silence

Student: Elizabeth McAuley

School: Odessa Public School

## Queen's University School of Environmental Studies Award

### **\$50 Cash Prize - Junior Age Category (\$50 cash)**

(2316) Bump your Car, creating electricity from speed bumps

Student: Lizzie Diederichs

School: King's Town School

(2309) Doors to Power!

Students: Arisha Salahuddin , Farah Hassouneh

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **\$50 Cash Prize - Any Age Category (\$50 cash)**

(2112) Eco Irrigation

Student: Fay MacLatchy

School: Calvin Park Public School

(3301) Here Comes the Sun : better designs for solar cookers and solar-powered water purifiers.

Student: Kaitlyn Diederichs

School: Kingston Collegiate & Vocational Institute

## **Leo Enright Memorial Award (Royal Astronomical Society of Canada)**

**Cash prize of \$75 plus book (Beginners Observing Guide) plus certificate (\$75 cash)**

(1205) Gyration Gyro's

Student: Emma Mclean

School: Martello Enrichment School

## **Royal Military College Green Team Award**

### **Certificates**

(2316) Bump your Car, creating electricity from speed bumps

Student: Lizzie Diederichs

School: King's Town School

(1118) Oil vs. Algae

Student: Chase Bratt

School: King's Town School

## **Youth Science Ontario Association of Medical Laboratories Award**

**Certificate & Cash Prize mailed directly to winners (\$100 cash)**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute





# Frontenac, Lennox and Addington Science Fair

## **University of Ontario Institute of Technology Innovation Award**

**Certificate & Cash Prize mailed directly to winners - awarded to students in the Junior Age Category only (\$100 cash)**

(2312) Flexing Wings

Student: Laura Dunne-Mucklow

School: Calvin Park Public School

## **Hydro One Networks Energy Ambassador Award**

**Certificate & Cash Prize mailed directly to winner (\$100 cash)**

(2117) Solar Power Performance

Student: Jordan Harry

School: Calvin Park Public School

## **University of Ottawa Admission Scholarship**

**Scholarship (\$1000 scholarship)**

(4401) Making Connections: Introducing the Artificial Nerve

Student: Malak Elbatarny

School: Kingston Collegiate & Vocational Institute

## **Ontario Ministry of the Environment - Environmental Innovator Award**

**Certificate & Cash prize mailed directly to winner (\$100 cash)**

(2120) Green roofs vs. asphalt roofs

Student: Annie King

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## Other Award Winners

### Peer Award

**Certificate. In 2011, student will receive a one year family membership to the museums run by the Canadian Science & Technology**

(1405) Driven to Distraction

Student: Andrew Borschneck

School: King's Town School