



# Frontenac, Lennox and Addington Science Fair

## FLASF 2014 AWARD WINNERS

### Best of Fair Awards

#### Best of Fair Awards

##### **Honorable Mention Plaque**

(2220) Combust It

Student: Lydia Elbatarny

School: Calvin Park Public School

(2414) Chewing for Cognition

Student: Adam Handelman

School: Calvin Park Public School

##### **Bronze Plaque and Trophy**

(2126) Maybe It's The Microwave

Students: Anez Poulos , Lillian Crowder

School: Ernestown Secondary School

##### **Silver Plaque and Trophy**

(2316) Peltier Power: scavenging heat from solar panels to generate electricity

Students: Alex Chan , Nathan Pilkey

School: Calvin Park Public School

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

(2325) A thaw-ful situation: freezing apparatus for permafrost failure

Student: Dylan Layton-Matthews

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## Divisional Award Winners

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

#### Bronze Medal

(1310) How a Digital Camera Works

Student: Jasper Danielson

School: École Mgr- Rémi-Gaulin

(1302) Here comes the compost!

Students: Adrien Fraser , Camden Kilfoyle

School: Polson Park Public School

#### Silver Medal

(1303) Invisibility of Shapes

Student: Amna Alvi

School: Centennial Public School

(1304) TURBINE TIME

Student: Oliver Dantzer

School: Lakeshore School

#### Gold Medal

(1301) Battery on Wheels

Student: Laura Gilron

School: Martello Enrichment School

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

#### Honorable Mention

(1204) ELECTROMAGNETIC MADNESS

Students: Connor McAllister , Eric Brown

School: Polson Park Public School

(1207) Can You See Sound?

Student: Lydia Morrow

School: Sydenham Public School



# Frontenac, Lennox and Addington Science Fair

## **Bronze Medal**

(1211) "Altered States: The Effect of Video Game Playing on Academic Tasks".

Student: Curtis Detomasi

School: École Sir John A. Macdonald Public School

## **Silver Medal**

(1201) Super ball? No Soccer Ball!

Student: Jasmin Sandhu

School: Martello Enrichment School

## **Gold Medal**

(1210) Can We Actually Fly Without Flying?

Student: Arjun Devnani

School: Cataraqi Woods Elementary School

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

### **Honorable Mention**

(1122) Tornado Vortex

Students: Ethan Cook , Zahraa Hossenbaccus

School: Cataraqi Woods Elementary School

(1108) Moo You See What I See?

Student: Jessie Koven

School: Lakeshore School

### **Bronze Medal**

(1111) Do Plants Need Light to Grow?

Student: Kendyl Guenette

School: Perth Road Public School

(1115) Which Soap Cleans the Best

Student: Lola Sangers

School: King's Town School

(1116) Now You're Cooking! Sonny with a chance...!

Student: Juliana Springer



# Frontenac, Lennox and Addington Science Fair

School: Lakeshore School

## **Silver Medal**

(1102) Feline Paw Preference

Student: Brigitta Holzschuh

School: Polson Park Public School

## **Gold Medal**

(1105) Growing Eggs

Student: Mara Klug

School: Martello Enrichment School

(1114) Spoilt Oil

Students: Callum Diak , Michael Burnett

School: Polson Park Public School

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

### **Bronze Medal**

(1404) Sight is Delicious

Student: Johnny Koven

School: Lakeshore School

### **Silver Medal**

(1402) Do You Think You Can Remember This

Student: Kaamraan Islam

School: King's Town School

### **Gold Medal**

(1408) Red Ant - A Randomized Study and Human Implications

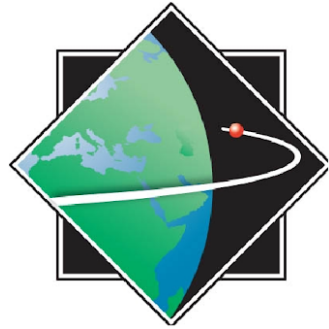
Student: Evan Sharma

School: Lakeshore School

(1403) Silver Nanoparticles The Stinky Truth

Student: Keiran Barr

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## Computing and Engineering Division Award - Junior Age Category

### Honorable Mention

(2304) Flyin' On Sunshine  
Student: Asher Hounsell  
School: Calvin Park Public School

(2321) Rising Above All- Hovercraft Science  
Students: Sophia Bos , Sarah Clark  
School: Home Schooled

### Bronze Medal

(2303) Reinforcing Concrete  
Student: Amelia Maclatchy  
School: Calvin Park Public School

(2308) The Limits Of Thought Control  
Student: Morgan Gallant  
School: Calvin Park Public School

(2320) Get Pumped  
Student: Amir Jnifene  
School: Calvin Park Public School

### Silver Medal

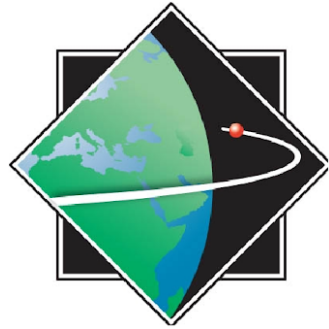
(2305) Pipe Up!  
Student: Johanna Loock  
School: Calvin Park Public School

(2314) The Hand Came Back...The Very Next Day!  
Students: Wail Osman , AbdEl Rahman Elsebaie  
School: Calvin Park Public School

### Gold Medal

(2316) Peltier Power: scavenging heat from solar panels to generate electricity

Students: Alex Chan , Nathan Pilkey  
School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

(2325) A thaw-ful situation: freezing apparatus for permafrost failure

Student: Dylan Layton-Matthews

School: Calvin Park Public School

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

### **Honorable Mention**

(2214) Got Mail?

Student: Max Dantzer

School: Lakeshore School

(2204) Drag Drop-Off

Student: Jay Patel

School: Calvin Park Public School

### **Bronze Medal**

(2216) Is it okay to leave your door open at night?

Students: Alexander Nediak , Leonid Nediak

School: Home Schooled

(2217) A Brighter Future

Student: Ben Beardall

School: Calvin Park Public School

### **Silver Medal**

(2201) Ding Dong! Resonant Frequency of Air columns

Student: Landon Steenbakkers

School: Calvin Park Public School

(2218) Does Musical Harmony Make Visual Harmony?

Students: Lucy Morrow , Abby Serruya

School: Module Vanier

(2209) For the Love of Hockey

Student: Jasmine Lewis

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Gold Medal**

(2220) Combust It

Student: Lydia Elbatarny

School: Calvin Park Public School

(2222) Stats That Count: A new generation of Predicting the Odds

Student: Matthew Thompson

School: Ernestown Secondary School

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

### **Honorable Mention**

(2109) That's Just Garbage!

Student: Liam Casey

School: Calvin Park Public School

(2121) Death Under the Algae

Student: Brenna Lamoureux

School: Calvin Park Public School

(2123) Common Antiseptics and Disinfectants: Which Ones Work?

Student: Aidan Baksh

School: Calvin Park Public School

### **Bronze Medal**

(2106) Splenda: Not So Splendid

Students: Hannah Christie , Emelyne Boals

School: Calvin Park Public School

### **Silver Medal**

(2118) Mint Madness: Can You Taste The Difference?

Students: Catia Farquharson , Zoe Spronk

School: Module Vanier

(2104) Exploring Wind Turbine Designs

Student: Ian Chan

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Gold Medal**

(2101) Go Styro Green

Students: Cecilia Lou , Megan Lam

School: Calvin Park Public School

(2126) Maybe It's The Microwave

Students: Anez Poulos , Lillian Crowder

School: Ernestown Secondary School

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

### **Honorable Mention**

(2409) Remember Your Diet

Student: Caitlin McAllister

School: Calvin Park Public School

(2405) STOP THE BULLYING, I'M TRYING TO CONCENTRATE!

Student: Clara Sismondo

School: Calvin Park Public School

(2407) The Dirt on Soap

Students: Carolyn Jones , Carly van Wylick

School: Calvin Park Public School

### **Bronze Medal**

(2437)

Student: Evan Fraser

School: Calvin Park Public School

(2443) Sports vs. Smarts

Student: Cameron Yach

School: Module Vanier

(2430) Beyond Skin Deep: The A-B-C Theory of Skin Cancer

Student: Georgia Goodwin

School: King's Town School





# Frontenac, Lennox and Addington Science Fair

## **Silver Medal**

(2403) Two Heads are Better Than One - Accelerated Stem Cell Regeneration

Student: Dawson Ethier

School: King's Town School

(2431) the effect of music on concentration

Student: William Smith

School: King's Town School

(2418) Which school subject stimulates the brain the most?

Student: Hana Amari

School: Module Vanier

## **Gold Medal**

(2434) Origami And You

Students: Shagun Jain , Emily Cameron

School: Calvin Park Public School

(2414) Chewing for Cognition

Student: Adam Handelman

School: Calvin Park Public School

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

### **Silver Medal**

(4402) Introducing the Toximeter: a Device to Fight Chronic Illnesses

Student: Rana Taher

School: Loyalist Collegiate & Vocational Institute



# Frontenac, Lennox and Addington Science Fair

## Special Award Winners

### City of Kingston Best Environmental Project Award

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

(1304) TURBINE TIME

Student: Oliver Dantzer

School: Lakeshore School

### CMC Microsystems Award

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

(1403) Silver Nanoparticles The Stinky Truth

Student: Keiran Barr

School: King's Town School

(1115) Which Soap Cleans the Best

Student: Lola Sangers

School: King's Town School

### Engineering Seismology Group Award

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

(2120) Frost Quakes

Student: Sydney Garrah

School: Calvin Park Public School

### Kingston Field Naturalists Award

**Primary: \$50 Gift certificate**

(1105) Growing Eggs

Student: Mara Klug

School: Martello Enrichment School

(2121) Death Under the Algae

Student: Brenna Lamoureux

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Junior: \$50 Gift certificate**

(2113) THE IMPORTANCE OF DECOMPOSITION

Student: Miles Brackenbury

School: Module Vanier

(2120) Frost Quakes

Student: Sydney Garrah

School: Calvin Park Public School

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

### **Cash prize of \$50 (\$50 cash)**

(2413) Your Phone is Not a Steering Wheel!

Student: Abby Simpson

School: King's Town School

(2430) Beyond Skin Deep: The A-B-C Theory of Skin Cancer

Student: Georgia Goodwin

School: King's Town School

## **Kingston Technology Council Innovation Award**

### **\$100 Cash Award (\$100 cash)**

(1301) Battery on Wheels

Student: Laura Gilron

School: Martello Enrichment School

## **Leahurst College Award for Excellence in Science**

### **\$5000 Tuition Scholarship**

(2409) Remember Your Diet

Student: Caitlin McAllister

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

(2303) Reinforcing Concrete  
Student: Amelia Maclatchy  
School: Calvin Park Public School

(2325) A thaw-ful situation: freezing apparatus for permafrost failure  
Student: Dylan Layton-Matthews  
School: Calvin Park Public School

## **Ontario Association of Certified Engineering Technicians and Technologists Award**

**\$60 cash award and plaque (\$60 cash)**

(2308) The Limits Of Thought Control  
Student: Morgan Gallant  
School: Calvin Park Public School

## **Professional Engineers of Ontario Award**

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

(1202) Electromagnetism  
Student: Cyril Waldron  
School: Martello Enrichment School

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

(2313) Kickin the Salt Out  
Student: Hannah Bleackley  
School: Calvin Park Public School

## **Queen's University Centre for Neuroscience Studies Award**

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

(2418) Which school subject stimulates the brain the most?  
Student: Hana Amari  
School: Module Vanier



# Frontenac, Lennox and Addington Science Fair

## Queen's University Department of Biology Award

### Book prizes (\$50 value)

(2403) Two Heads are Better Than One - Accelerated Stem Cell Regeneration

Student: Dawson Ethier

School: King's Town School

(2121) Death Under the Algae

Student: Brenna Lamoureux

School: Calvin Park Public School

(1408) Red Ant - A Randomized Study and Human Implications

Student: Evan Sharma

School: Lakeshore School

(1403) Silver Nanoparticles The Stinky Truth

Student: Keiran Barr

School: King's Town School

## Queen's University Eco-adventure Summer Camp Award, Department of Biology

### One week at Eco-Adventure camp

(2121) Death Under the Algae

Student: Brenna Lamoureux

School: Calvin Park Public School

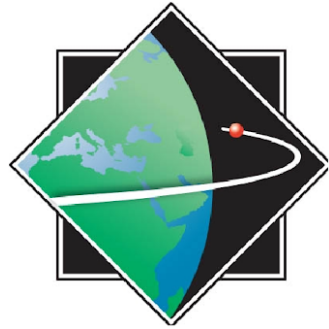
## Queen's University Department of Biomedical & Molecular Sciences Prize in Anatomy and Cell Biology

### Primary/Junior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)

(2403) Two Heads are Better Than One - Accelerated Stem Cell Regeneration

Student: Dawson Ethier

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

**Intermediate/Senior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)**

(2103) Hot N Cold Enzymes

Students: Zhen Wang , Criswyn Paul

School: Calvin Park Public School

## **Queen's University Department of Biomedical & Molecular Sciences Prize in Microbiology & Immunology**

**Primary/Junior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)**

(1403) Silver Nanoparticles The Stinky Truth

Student: Keiran Barr

School: King's Town School

**Intermediate/Senior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)**

(2123) Common Antiseptics and Disinfectants: Which Ones Work?

Student: Aidan Baksh

School: Calvin Park Public School

## **Queen's University Department of Biomedical & Molecular Sciences Prize in Physiology**

**Primary/Junior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)**

(1408) Red Ant - A Randomized Study and Human Implications

Student: Evan Sharma

School: Lakeshore School

**Intermediate/Senior: Cash Prize of \$50, student certificate, school certificate and Department tour (\$50 cash)**

(2437)

Student: Evan Fraser

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## Queen's University Department of Chemistry Award

### Cash Prize (\$100 cash)

(2220) Combust It

Student: Lydia Elbatarny

School: Calvin Park Public School

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

### Second Prize: Cash prize of \$75 (\$75 cash)

(2308) The Limits Of Thought Control

Student: Morgan Gallant

School: Calvin Park Public School

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

(2314) The Hand Came Back...The Very Next Day!

Students: Wail Osman , AbdEl Rahman Elsebaie

School: Calvin Park Public School

## Queen's University Explore Camp Award, Department of Geography

### One week at Explore Camp

(1122) Tornado Vortex

Students: Ethan Cook , Zahraa Hossenbaccus

School: Cataraqui Woods Elementary School

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

### Cash prize (\$100 cash)

(2308) The Limits Of Thought Control

Student: Morgan Gallant

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

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

### First place - cash prize (\$100 cash)

(2403) Two Heads are Better Than One - Accelerated Stem Cell Regeneration

Student: Dawson Ethier

School: King's Town School

### Second place - cash prize (\$50 cash)

(2430) Beyond Skin Deep: The A-B-C Theory of Skin Cancer

Student: Georgia Goodwin

School: King's Town School

## Queen's University Department of Physics Award

### Cash prize and certificate (\$100 cash)

(2210) Measuring the refraction indexes of light when passing through  
different substances

Students: Donna Gao , Naomi Tian

School: Calvin Park Public School

(1207) Can You See Sound?

Student: Lydia Morrow

School: Sydenham Public School

## Queen's University Engineering Society Science Quest Awards

### One week at Science Quest Camp

(2206) 3 2 1 Fire! Firing snowballs and finding the optimal snowball launcher

Student: Callum Smith

School: Calvin Park Public School

### One week at Girls Quest Camp (restricted to girls)

(1116) Now You're Cooking! Sonny with a chance...!

Student: Juliana Springer

School: Lakeshore School





# Frontenac, Lennox and Addington Science Fair

## **One week at Entrepreneurs in Science Camp**

(2301) Sunny with a Chance of Power

Student: Abdelrahman Noureldin

School: Calvin Park Public School

## **Queen's University School of Computing Award**

### **Cash prize of \$50 (\$50 cash)**

(2323) Touchless Control

Student: Daniel Fichtinger

School: Calvin Park Public School

## **Queen's University School of Environmental Studies Award**

### **\$50 Book Prize - Junior Age Category**

(2316) Peltier Power: scavenging heat from solar panels to generate electricity

Students: Alex Chan , Nathan Pilkey

School: Calvin Park Public School

(2325) A thaw-ful situation: freezing apparatus for permafrost failure

Student: Dylan Layton-Matthews

School: Calvin Park Public School

### **\$50 Book Prize - Any Age Category**

(1403) Silver Nanoparticles The Stinky Truth

Student: Keiran Barr

School: King's Town School

(2117) The Big Green Heating Machine

Students: Briar Vandenberg , Logan Medeiros

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Rotary Club of Kingston Environmental Innovator Award**

### **\$50 cash prize (\$50 cash)**

(2305) Pipe Up!

Student: Johanna Loock

School: Calvin Park Public School

(2426) The Power of Hydrogen

Student: Youssef Zaza

School: Module Vanier

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

(2316) Peltier Power: scavenging heat from solar panels to generate electricity

Students: Alex Chan , Nathan Pilkey

School: Calvin Park Public School

## **Leo Enright Award for Astronomy**

### **Award of \$75 and book "A Beginners Observing Guide" (\$75 cash)**

(2210) Measuring the refraction indexes of light when passing through different substances

Students: Donna Gao , Naomi Tian

School: Calvin Park Public School

## **Royal Military College of Canada Department of Military Psychology and Leadership**

### **\$50 book prize**

(1402) Do You Think You Can Remember This

Student: Kaamraan Islam

School: King's Town School

(2431) the effect of music on concentration

Student: William Smith

School: King's Town School



# Frontenac, Lennox and Addington Science Fair

## **St. Lawrence College Faculty of Applied Science Award**

**100\$ cash (\$100 cash)**

(2418) Which school subject stimulates the brain the most?

Student: Hana Amari

School: Module Vanier

## **St. Lawrence College Research Department Award**

**100\$ cash (\$100 cash)**

(1408) Red Ant - A Randomized Study and Human Implications

Student: Evan Sharma

School: Lakeshore School

## **St. Lawrence College President's Award**

**100\$ cash (\$100 cash)**

(2325) A thaw-ful situation: freezing apparatus for permafrost failure

Student: Dylan Layton-Matthews

School: Calvin Park Public School

## **Women in Science and Engineering**

**Cash prize for junior/intermediate student(s) (\$40 cash)**

(2416) Cardio and Memory

Student: Alina Asghar

School: Calvin Park Public School

**Cash prize open to all ages (\$60 cash)**

(2220) Combust It

Student: Lydia Elbatarny

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **2014 University of Ottawa Entrance Scholarship Award**

### **\$1000 Entrance Scholarship (\$1000 scholarship)**

(4402) Introducing the Toximeter: a Device to Fight Chronic Illnesses

Student: Rana Taher

School: Loyalist Collegiate & Vocational Institute



# Frontenac, Lennox and Addington Science Fair

## **Other Award Winners**

### **Peer Award**

#### **iPod Shuffle**

(1301) Battery on Wheels

Student: Laura Gilron

School: Martello Enrichment School