



# Frontenac, Lennox and Addington Science Fair

## FLASF 2013 AWARD WINNERS

### Best of Fair Awards

#### Best of Fair Awards

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

(4402) Comparing the UVB Protection provided by Sunscreen When the SPF and Applied Mass are Changed

Student: Celeste Suart

School: Regiopolis-Notre Dame Catholic High School

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

(2108) TIRE'd of waste

Student: Dawson Ethier

School: Calvin Park Public School

(2311) Advanced Recreational Aircraft Design

Student: Cove McConnell

School: Calvin Park Public School

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

(2201) Hull of a Good Design: Designing a test apparatus and testing hull designs for the optimal hull

Student: Dylan Layton-Matthews

School: Calvin Park Public School

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

(2205) The Effect of Temperature on the Elasticity of a Golf Ball

Student: Cole Gouveia

School: Kingston Christian School



# Frontenac, Lennox and Addington Science Fair

## Divisional Award Winners

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

#### Honorable Mention

(1303) Foxhole Radio

Student: Curtis Detomasi

School: Martello Enrichment School

(1304) Breaking Bridges

Student: Alex Chan

School: Winston Churchill Public School

#### Bronze Medal

(1302) Electronic Books: Are They Any Better?

Student: Laura Gilron

School: Martello Enrichment School

#### Silver Medal

(1301) How to choose the best speed in a car race?

Student: Daniel Levin

School: Martello Enrichment School

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

#### Honorable Mention

(1207) Rube Goldberg Rules!

Student: Jack Selkirk

School: Lakeshore School

#### Bronze Medal

(1202) Rust Busters

Students: Connor McAllister , Adrien Fraser

School: Polson Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Silver Medal**

(1203) Launching for Distance (Catapult Physics)

Student: Reimy Mulligan

School: Winston Churchill Public School

## **Gold Medal**

(1206) Go Green with Plastic

Student: Lydia Elbatarny

School: Polson Park Public School

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

### **Honorable Mention**

(1108) Preserving Food With Seaweed

Student: Priya Naran

School: King's Town School

(1109) Everything you thought you didn't want to know... about maggots

Student: Jada Kish

School: Martello Enrichment School

### **Bronze Medal**

(1110) Bean There, Mung That ...

Student: Sofia Skebo

School: Kingston Christian School

(1112) Beyond Rising Temperatures: Factors that Add to the Higher Rate of  
Polar Ice Cap Melting

Student: Georgia Goodwin

School: King's Town School

### **Silver Medal**

(1107) Ur-ine for a Surprise!

Student: Kevin Healey

School: Kingston Christian School



# Frontenac, Lennox and Addington Science Fair

## **Gold Medal**

- (1102) Effects of a GMO diet on mice  
Student: William Smith  
School: King's Town School

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

### **Honorable Mention**

- (1414) Memorizin' in style?!  
Student: Danayit Abraha  
School: Polson Park Public School
- (1409) Germ Busters  
Student: Claire Dickison  
School: Kingston Christian School
- (1407) Racing with "heart" in the pool  
Student: Abby Simpson  
School: King's Town School
- (1408) Eat your Antioxidants  
Student: Myra Agarwal  
School: King's Town School

### **Bronze Medal**

- (1404) ARE THEY EQUALLY ALIVE?  
Student: Michael Ding  
School: Martello Enrichment School
- (1410) Soap Suds Get Rid Of Bugs  
Student: Kathryn Dove  
School: Kingston Christian School

### **Silver Medal**

- (1415)  
Student: Justin Biraben  
School: Kingston Christian School



# Frontenac, Lennox and Addington Science Fair

## **Gold Medal**

(1403) The Effects of Gender Identity on Short-term Memory

Student: Kaamraan Islam

School: King's Town School

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

### **Honorable Mention**

(2301) The SMArt Wire

Student: Amir Jnifene

School: Calvin Park Public School

(2303) Factors affecting the performance of a solar cell

Student: Donna Gao

School: Calvin Park Public School

(2307) Sound Proof of Noise Control

Student: Liam Beardall

School: Calvin Park Public School

### **Bronze Medal**

(2302) Lasers Testing Water Quality!?

Student: Morgan Gallant

School: Calvin Park Public School

### **Silver Medal**

(2318) Prozone

Student: Jack Lott

School: Calvin Park Public School

### **Gold Medal**

(2311) Advanced Recreational Aircraft Design

Student: Cove McConnell

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

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

### Bronze Medal

(2210) Pollen Problems

Student: Mira Loock

School: Calvin Park Public School

### Silver Medal

(2206) Crank Up The Heat

Students: Nuri Amari , Arie Moffat

School: Calvin Park Public School

### Gold Medal

(2201) Hull of a Good Design: Designing a test apparatus and testing hull designs for the optimal hull

Student: Dylan Layton-Matthews

School: Calvin Park Public School

(2205) The Effect of Temperature on the Elasticity of a Golf Ball

Student: Cole Gouveia

School: Kingston Christian School

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

### Honorable Mention

(2116) Got Milk? Holy Cow! Turn the radio: Music and Milk Production

Student: Jacob DeVries

School: Kingston Christian School

(2127) The New SpooF In The Green Roof

Students: Claire Wiersema , Marissa Murphy

School: Odessa Public School

### Bronze Medal

(2117) Don't Lose Your Cool!

Students: Alexa Forsyth , Sophie Langlois

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

(2109) The Electrolyte McQueen FC3  
Students: Megan Lam , Jasmine Lewis  
School: Calvin Park Public School

## **Silver Medal**

(2125) Stressing For Energy  
Student: Alina Asghar  
School: Calvin Park Public School

(2118) Chicken Manure Tea: A Model For Sustainable Urban Agriculture  
Student: Lucas Eckert  
School: Calvin Park Public School

## **Gold Medal**

(2108) TIRE'd of waste  
Student: Dawson Ethier  
School: Calvin Park Public School

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

### **Bronze Medal**

(2404) A Cell's Journey  
Students: Yonas Assefa-Nigussie , Joshua Pringle  
School: Calvin Park Public School

(2410) Font Art 'N' Logic  
Student: Annie Fouks  
School: Calvin Park Public School

(2418) Think Before You Drink  
Student: Keziah Jacob  
School: Calvin Park Public School

### **Silver Medal**

(2411) Run to the Beat: A study of Running Cadence and Music Tempo  
Student: Alex Drover  
School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Gold Medal**

(2407) Elliott and the Chocolate Factory  
Student: Elliott McDermott  
School: Calvin Park Public School

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

### **Honorable Mention**

(4101) Space and Time Warp: Ultimate Abyss  
Student: Robin Pianosi  
School: Odessa Public School

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

### **Honorable Mention**

(4401) (insulin) Pump It Up. Long Term Effectiveness of Insulin Pump Therapy in Type 1 Diabetes.  
Students: Joy Yen , Hope Yen  
School: Kingston Collegiate & Vocational Institute

### **Silver Medal**

(4402) Comparing the UVB Protection provided by Sunscreen When the SPF and Applied Mass are Changed  
Student: Celeste Suart  
School: Regiopolis-Notre Dame Catholic High School





# Frontenac, Lennox and Addington Science Fair

## Special Award Winners

### City of Kingston Best Environmental Project Award

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

(2118) Chicken Manure Tea: A Model For Sustainable Urban Agriculture

Student: Lucas Eckert

School: Calvin Park Public School

### CMC Microsystems Award

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

(1301) How to choose the best speed in a car race?

Student: Daniel Levin

School: Martello Enrichment School

(2311) Advanced Recreational Aircraft Design

Student: Cove McConnell

School: Calvin Park Public School

### Engineering Seismology Group Award

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

(4101) Space and Time Warp: Ultimate Abyss

Student: Robin Pianosi

School: Odessa Public School

### Kingston Field Naturalists Award

**Primary: \$50 Gift certificate**

(1109) Everything you thought you didn't want to know... about maggots

Student: Jada Kish

School: Martello Enrichment School

**Junior: \$50 Gift certificate**

(2113) Effects of Toxins on Fresh Water Plants

Student: Erin Dowling

School: Odessa Public School



# Frontenac, Lennox and Addington Science Fair

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

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

(4402) Comparing the UVB Protection provided by Sunscreen When the SPF and Applied Mass are Changed

Student: Celeste Suart

School: Regiopolis-Notre Dame Catholic High School

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

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

(2108) TIRE'd of waste

Student: Dawson Ethier

School: Calvin Park Public School

## **Professional Engineers of Ontario Award**

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

(2125) Stressing For Energy

Student: Alina Asghar

School: Calvin Park Public School

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

(1304) Breaking Bridges

Student: Alex Chan

School: Winston Churchill Public School

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

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

(2412) Music in the Classroom?

Student: Aidan Baksh

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## Queen's University Department of Biology Award

### Book prizes (\$50 value)

(1110) Bean There, Mung That ...

Student: Sofia Skebo

School: Kingston Christian School

(2127) The New SpooF In The Green Roof

Students: Claire Wiersema , Marissa Murphy

School: Odessa Public School

(1107) Ur-ine for a Surprise!

Student: Kevin Healey

School: Kingston Christian School

(2113) Effects of Toxins on Fresh Water Plants

Student: Erin Dowling

School: Odessa Public School

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

### One week at Eco-Adventure camp

(1112) Beyond Rising Temperatures: Factors that Add to the Higher Rate of Polar Ice Cap Melting

Student: Georgia Goodwin

School: King's Town 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)**

(1405) Move to the Beat

Student: Will Redfearn

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)**

(3401) Thinking Outside the Staff: A Study of Musicians and their Hearing Ranges

Students: Isabel Wright , Chase Graham

School: Kingston Collegiate & Vocational Institute

## **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)**

(1409) Germ Busters

Student: Claire Dickison

School: Kingston Christian School

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

(4403) Antiseptic Concentration Degradation

Student: Hart Andrin

School: Kingston Collegiate & Vocational Institute

## **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)**

(1102) Effects of a GMO diet on mice

Student: William Smith

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)**

(3402) Tearing Up Cancer With Onions

Students: Hannah Derue , Rana Taher

School: Loyalist Collegiate & Vocational Institute

## **Queen's University Department of Chemistry Award**

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

(2318) Prozone

Student: Jack Lott

School: Calvin Park Public School

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

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

(2109) The Electrolyte McQueen FC3

Students: Megan Lam , Jasmine Lewis

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)**

(2301) The SMArt Wire

Student: Amir Jnifene

School: Calvin Park Public School

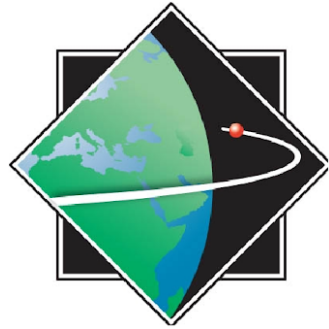
## **Queen's University Explore Camp Award, Department of Geography**

**One week at Explore Camp**

(1103) The Effect of Global Warming on the Polar Ice Caps

Student: Eileen Hyett

School: Martello Enrichment School



# Frontenac, Lennox and Addington Science Fair

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

### Cash prize (\$100 cash)

(2201) Hull of a Good Design: Designing a test apparatus and testing hull designs for the optimal hull

Student: Dylan Layton-Matthews

School: Calvin Park Public School

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

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

(4401) (insulin) Pump It Up. Long Term Effectiveness of Insulin Pump Therapy in Type 1 Diabetes.

Students: Joy Yen , Hope Yen

School: Kingston Collegiate & Vocational Institute

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

(3402) Tearing Up Cancer With Onions

Students: Hannah Derue , Rana Taher

School: Loyalist Collegiate & Vocational Institute

## Queen's University Department of Physics Award

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

(2302) Lasers Testing Water Quality!?

Student: Morgan Gallant

School: Calvin Park Public School

(2208) Cold Pop Quick

Student: Chris Salomons

School: Kingston Christian School



# Frontenac, Lennox and Addington Science Fair

## Queen's University Engineering Society Science Quest Awards

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

(2308) Wind-Ergize

Student:

School: Calvin Park Public School

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

(2125) Stressing For Energy

Student: Alina Asghar

School: Calvin Park Public School

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

(2304) In Bridges We Truss

Student: Lizzie Lindensmith

School: Odessa Public School

## Queen's University School of Computing Award

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

(2311) Advanced Recreational Aircraft Design

Student: Cove McConnell

School: Calvin Park Public School

## Queen's University School of Environmental Studies Award

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

(2302) Lasers Testing Water Quality!?

Student: Morgan Gallant

School: Calvin Park Public School

(2115) Biogas in a Bottle

Student: Adam Handelman

School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

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

(2107) Filtration Fiesta

Students: Darcie O'Connor , Amelia Maclatchy  
School: Calvin Park Public School

(1206) Go Green with Plastic

Student: Lydia Elbatarny  
School: Polson Park Public School

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

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

(2318) Prozone

Student: Jack Lott  
School: Calvin Park Public School

(2212) Fantastic Plastic

Students: Julia Derue , Shawna Campbell  
School: Odessa Public School

## **Leo Enright Award for Astronomy**

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

(4101) Space and Time Warp: Ultimate Abyss

Student: Robin Pianosi  
School: Odessa Public School

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

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

(1403) The Effects of Gender Identity on Short-term Memory

Student: Kaamraan Islam  
School: King's Town School





# Frontenac, Lennox and Addington Science Fair

(2405) 'Note'-able Personalities  
Student: Alexandra Proctor  
School: Calvin Park Public School

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

**50\$ cash & certificate (\$50 cash)**

(2116) Got Milk? Holy Cow! Turn the radio: Music and Milk Production  
Student: Jacob DeVries  
School: Kingston Christian School

(1206) Go Green with Plastic  
Student: Lydia Elbatarny  
School: Polson Park Public School

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

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

(2315) Why Not WiNot?  
Students: Shivam Purohit , Liam Gibson  
School: Calvin Park Public School

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

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

(2116) Got Milk? Holy Cow! Turn the radio: Music and Milk Production  
Student: Jacob DeVries  
School: Kingston Christian School

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

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

(2103) Homegrown Hybrid  
Student: Jay Patel  
School: Calvin Park Public School



# Frontenac, Lennox and Addington Science Fair

## **Women in Science and Engineering**

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

(2105) Some World I Used to Know: Light Pollution

Student: Caitlyn Baker

School: Odessa Public School

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

(4402) Comparing the UVB Protection provided by Sunscreen When the SPF and Applied Mass are Changed

Student: Celeste Suart

School: Regiopolis-Notre Dame Catholic High School

## **2013 University of Ottawa Entrance Scholarship Award**

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

(4402) Comparing the UVB Protection provided by Sunscreen When the SPF and Applied Mass are Changed

Student: Celeste Suart

School: Regiopolis-Notre Dame Catholic High School



# Frontenac, Lennox and Addington Science Fair

## Other Award Winners

### Peer Award

**Certificate & 1 year family membership to the 3 Canada Science & Technology Museums + 330 science museums with reciprocal rights**

(1102) Effects of a GMO diet on mice

Student: William Smith

School: King's Town School