



Frontenac, Lennox and Addington Science Fair

FLASF 2012 AWARD WINNERS

Best of Fair Awards

Best of Fair Awards

Honorable Mention Plaque

(2430) Brain Sprain: A Concussion Model
Student: Elliott McDermott
School: Calvin Park Public School

Bronze Plaque and Trophy

(4302) The Living Wall: An Educational Innovation
Student: Brandon Whitley
School: Kingston Collegiate & Vocational Institute

Silver Plaque and Trophy

(2312) Tubercles, the leading edge of wing design
Student: Cove McConnell
School: Calvin Park Public School

Gold Plaque and Queen's University Trophy

(2308) Pro . Tech . Neck: The Future of Hockey Neck Guards
Students: Jack Lott , Alex Drover
School: Calvin Park Public School

2012 Ontario Ministry of Economic Development and Innovation Stepping Stone Award

Travel Award for Canada-Wide Science Fair to Regional Fair plus Certificate for Student

(2308) Pro . Tech . Neck: The Future of Hockey Neck Guards
Students: Jack Lott , Alex Drover
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Divisional Award Winners

Computing and Engineering Division Award - Primary Age Category

Honorable Mention

(1306) Bristle Bug: How to make a robot (from household items!)

Students: Emma Black , Kristen Hirschfield

School: Winston Churchill Public School

Bronze Medal

(1302) In the Dark? Got a lemon?

Student: Brenna Lamoureux

School: Martello Enrichment School

Silver Medal

(1304) Need a Lift

Student: Asher Hounsell

School: J.E. Horton Public School

Gold Medal

(1301) Light it up for less

Student: Abdelrahman Nouredin

School: J.E. Horton Public School

Physical and Mathematical Sciences Division Award - Primary Age Category

Honorable Mention

(1203) Grease Busters

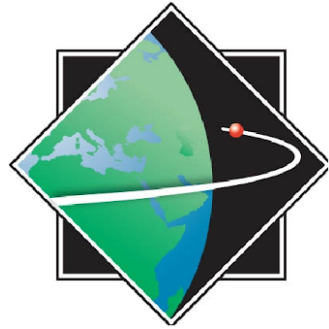
Student: Samuel Gilroy

School: Martello Enrichment School

(1208) Can Coke and Mentos Generate Electricity?

Students: Abby Serruya , Lucy Morrow

School: J.E. Horton Public School



Frontenac, Lennox and Addington Science Fair

Bronze Medal

(1212) Rust never sleeps

Students: Danayit Abraha , Bianca Campbell

School: Polson Park Public School

Silver Medal

(1202) Engine failure after takeoff: the impossible turn

Student: Liam Andrew

School: Martello Enrichment School

(1204) Shadow the Hedgehog: Magnetic Force and FerroFluid Dipping

Student: Jordan Cohen

School: King's Town School

Gold Medal

(1206) Colour Makes A Difference

Student: Johanna Loock

School: J.E. Horton Public School

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

Honorable Mention

(1103) Filtermatic

Student: Daniel Levin

School: Martello Enrichment School

(1111) Could Humans Colonize Mars?

Student: Caitlin McAllister

School: Polson Park Public School

Bronze Medal

(1108) The Battle of the Soaps

Student: Alex Chan

School: Winston Churchill Public School

Silver Medal

(1101) Mold Growth on Food

Student: Willa Cowie

School: Martello Enrichment School



Frontenac, Lennox and Addington Science Fair

(1105) Doggone Thunderstorms!!

Student: Adam Spies

School: King's Town School

Gold Medal

(1104) Evaporation Experimentation

Student: Amelia Maclatchy

School: Rideau Public School

Human Health Science Division Award - Primary Age Category

Honorable Mention

(1406) Get your Zzz's, memorize with ease

Students: Hana Amari , Cameron Yach

School: J.E. Horton Public School

(1408) Which Batter is Better?

Students: Heidi Wirsig , Jocelyn Danby

School: Winston Churchill Public School

Silver Medal

(1407) Have you checked your water?

Student: Lydia Elbatarny

School: Polson Park Public School

(1411) Fruit Ninja

Student: Youssef Zaza

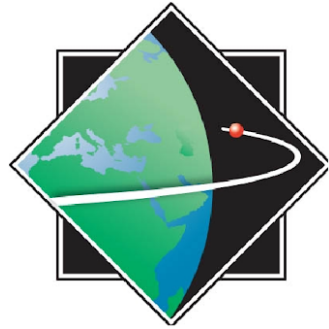
School: Winston Churchill Public School

Gold Medal

(1410) Germs, Germs, and More Germs!

Student: Matilda Elliott

School: James R. Henderson Public School



Frontenac, Lennox and Addington Science Fair

Computing and Engineering Division Award - Junior Age Category

Honorable Mention

(2301) Make a Green Battery!
Student: Allen Lai
School: Calvin Park Public School

(2315) Anesthesiologist's Calculator
Student: Spencer Wilson
School: Winston Churchill Public School

Bronze Medal

(2316) "Hot Dog - Chilly Dog"
Student: Grace Taugher
School: Calvin Park Public School

Silver Medal

(2304) The Liquid Lens
Student: Laura Dunne-Mucklow
School: Calvin Park Public School

Gold Medal

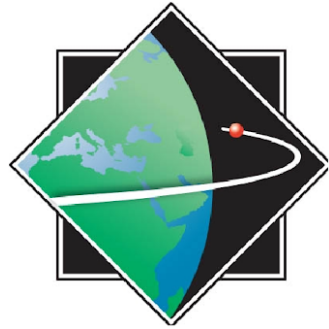
(2308) Pro . Tech . Neck: The Future of Hockey Neck Guards
Students: Jack Lott , Alex Drover
School: Calvin Park Public School

(2312) Tubercles, the leading edge of wing design
Student: Cove McConnell
School: Calvin Park Public School

Physical and Mathematical Sciences Division Award - Junior Age Category

Honorable Mention

(2219) Just Drop It
Students: Katlyn Babcock , Sierra Bonsall
School: Odessa Public School



Frontenac, Lennox and Addington Science Fair

(2222) Egg Size: Are Consumers Getting What They Eggspect?

Student: Lucas Eckert

School: Calvin Park Public School

(2205) Cheating in Baseball. Does it work?

Student: Bilal Islam

School: King's Town School

(2208) Hydrogen Power

Student: Matthew Grekul

School: Module Vanier

Silver Medal

(2213) Sound It Out!

Student: Sophie Langlois

School: Calvin Park Public School

(2203) Get A Grip!

Student: Sam Pierson

School: Calvin Park Public School

Gold Medal

(2201) Tension at the Surface

Student: Elizabeth McAuley

School: Odessa Public School

(2206) The Watt-er Wheel

Students: Nuri Amari , Arie Moffat

School: Calvin Park Public School

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

Honorable Mention

(2112)

Student:

School: Module Vanier



Frontenac, Lennox and Addington Science Fair

(2118) ICE-E

Student: Paige Barrett

School: Calvin Park Public School

(2106) Eggsperiment

Student: Ethan Lloyd

School: Odessa Public School

(2110) Here Comes the Sun - Which medals can maintain their heat long enough to melt snow

Student: Maxwell Moore

School: King's Town School

Bronze Medal

(2132) Composting: a fresh idea

Students: Breanna Jackson , Dana Fallis

School: Odessa Public School

(2124) Trash 2 Gas

Student: Alexa Forsyth

School: Calvin Park Public School

Silver Medal

(2114) Green Gold

Student: Mira Loock

School: Calvin Park Public School

Gold Medal

(2130) A Brighter Future

Students: Berg Ellemers , Mitzi Ellemers

School: Calvin Park Public School

(2123) Wind That Spins: High Altitude Wind Energy

Student: Annie King

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Human Health Science Division Award - Junior Age Category

Honorable Mention

(2417) The post pizza spike
Student: Fay Maclatchy
School: Calvin Park Public School

(2413) Blind to Colour-Blindness
Student: Liam Beardall
School: Calvin Park Public School

(2422) Exercise vs Non-Exercise: a study involving the capacity of human concentration
Student: Stephen Petsikas
School: King's Town School

(2420) Try Magic Turmeric
Student: Nevin Nadarajah
School: Calvin Park Public School

Bronze Medal

(2439) Body LanguageQ
Student: Olivia Moore
School: King's Town School

(2437) Electrolyte Challenge
Student: Lizzie Lindensmith
School: Odessa Public School

Silver Medal

(2412) The Hit That Changed Hockey
Student: Andrew Borschneck
School: King's Town School

(2421) Clean Up in the Produce Aisle
Student: Katryna Seabrook
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(2416) Do You Hear What I Hear?

Student: Alexandra Proctor

School: Calvin Park Public School

Gold Medal

(2402) Work To Play

Student: Jordan Harry

School: Calvin Park Public School

(2430) Brain Sprain: A Concussion Model

Student: Elliott McDermott

School: Calvin Park Public School

Human Health Science Division Award - Intermediate Age Category

Silver Medal

(3401) What's All The Buzz About?

Students: Isabel Wright , Elizabeth Wales

School: Kingston Collegiate & Vocational Institute, Ernestown Secondary
School

Computing and Engineering Division Award - Senior Age Category

Silver Medal

(4301) Environmental Friendly Home Heating and Cooling Systems

Student: Bill Huang

School: Frontenac Secondary School

Gold Medal

(4302) The Living Wall: An Educational Innovation

Student: Brandon Whitley

School: Kingston Collegiate & Vocational Institute



Frontenac, Lennox and Addington Science Fair

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

Honorable Mention

(4102) Dose pollen affect the respiratory system of small fish?

Student: Jake Baer

School: Napanee District Secondary School

Bronze Medal

(4101) Saltin' it Up!

Students: Hassan Saleem , Laraib Kazmi

School: Kingston Collegiate & Vocational Institute

Human Health Science Division Award - Senior Age Category

Silver Medal

(4401) With What to Wash? A Dirty Discovery...

Student: Madeleine Van de Kleut

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 junior (\$50 cash prize for Junior Age
Category) (\$50 cash)**

(2112)

Student:

School: Module Vanier

Canadian Obesity Network Award

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

(2402) Work To Play

Student: Jordan Harry

School: Calvin Park Public School

City of Kingston Best Environmental Project Award

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

(4302) The Living Wall: An Educational Innovation

Student: Brandon Whitley

School: Kingston Collegiate & Vocational Institute

CMC Microsystems Award

\$100 gift certificate for Future Shops

(2304) The Liquid Lens

Student: Laura Dunne-Mucklow

School: Calvin Park Public School

(2312) Tubercles, the leading edge of wing design

Student: Cove McConnell

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Kingston Field Naturalists Award

Primary: \$50 Gift certificate

(1107) Carbon dioxide and our oceans

Student: Bronte Thomson

School: Martello Enrichment School

Junior: \$50 Gift certificate

(2114) Green Gold

Student: Mira Loock

School: Calvin Park Public School

Senior: \$50 Gift certificate

(4102) Dose pollen affect the respiratory system of small fish?

Student: Jake Baer

School: Napanee District Secondary School

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

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

(2412) The Hit That Changed Hockey

Student: Andrew Borschneck

School: King's Town School

Novelis Sandra Davison Award

\$100 Cash Prize (\$100 cash)

(2319) The Beeping Cup 2.5

Student: Omar Marai

School: Bayridge Public School

Ontario Association of Certified Engineering Technicians and Technologists Award

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

(2316) "Hot Dog - Chilly Dog"

Student: Grace Taugher

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Professional Engineers of Ontario Award

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

(2301) Make a Green Battery!

Student: Allen Lai

School: Calvin Park Public School

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

(2304) The Liquid Lens

Student: Laura Dunne-Mucklow

School: Calvin Park Public School

Queen's University Centre for Neuroscience Studies Award

Cash prize (\$100 cash)

(2405) Scoop on the Stroop

Student: Heidi Scott

School: Calvin Park Public School

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

Cash prize (\$100 cash)

(1410) Germs, Germs, and More Germs!

Student: Matilda Elliott

School: James R. Henderson Public School

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

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

(2105) Waste Is Not Waste Until Wasted

Student: Donnan Grekul-Somerville

School: King's Town School



Frontenac, Lennox and Addington Science Fair

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

(4401) With What to Wash? A Dirty Discovery...

Student: Madeleine Van de Kleut

School: Kingston Collegiate & Vocational Institute

Queen's University Department of Biology Award

Book prizes (\$50 value)

(2133) Feed for Thought

Student: Risa Elo-Shepherd

School: Odessa Public School

(1104) Evaporation Experimentation

Student: Amelia Maclatchy

School: Rideau Public School

(1105) Doggone Thunderstorms!!

Student: Adam Spies

School: King's Town School

(2145) Biomass to Biogas

Students: David Chan , Josh Baker

School: Winston Churchill Public School

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

One week at Eco-Adventure camp

(2145) Biomass to Biogas

Students: David Chan , Josh Baker

School: Winston Churchill Public School



Frontenac, Lennox and Addington Science Fair

Queen's University Department of Chemistry Award

Cash Prize (\$50 cash)

(2201) Tension at the Surface
Student: Elizabeth McAuley
School: Odessa Public School

Queen's University Department of Electrical & Computer Engineering Award

Second Prize (\$75 cash)

(1208) Can Coke and Mentos Generate Electricity?
Students: Abby Serruya , Lucy Morrow
School: J.E. Horton Public School

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

(1306) Bristle Bug: How to make a robot (from household items!)
Students: Emma Black , Kristen Hirschfield
School: Winston Churchill Public School

Queen's University Explore Camp Award, Department of Geography

One week at Explore Camp

(1103) Filtermatic
Student: Daniel Levin
School: Martello Enrichment School

Queen's University Department of Mechanical & Materials Engineering Award

Cash prize (\$100 cash)

(2308) Pro . Tech . Neck: The Future of Hockey Neck Guards
Students: Jack Lott , Alex Drover
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Queen's University Department of Pathology and Molecular Medicine Award

Cash prize (\$75 cash)

(2417) The post pizza spike

Student: Fay Maclatchy

School: Calvin Park Public School

Queen's University Department of Physics Award

Cash prize and certificate (\$100 cash)

(2205) Cheating in Baseball. Does it work?

Student: Bilal Islam

School: King's Town School

(2111) Where do waves break?

Student: Waverley Mulligan

School: Module Vanier

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

Honourable Mention (\$50 cash)

(1403) amazing dogs

Student: Annika Curtis

School: Martello Enrichment School

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

(2408) Gatorade VS Water

Student: Sidonie Chard

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Queen's University Engineering Society Science Quest Awards

One week at Girls Quest Camp (restricted to girls)

(2310) Is Your Money Escaping?

Student: Courtney Tulloch

School: Odessa Public School

One week at Science Quest Camp

(2307) Piezo Power!

Students: Joshua Pringle , Callum Liddle

School: Calvin Park Public School

Queen's University School of Environmental Studies Award

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

(2130) A Brighter Future

Students: Berg Ellemers , Mitzi Ellemers

School: Calvin Park Public School

(2131) DecompoSURE

Students: Erin Peterson , Michelle Jang

School: Calvin Park Public School

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

(1103) Filtermatic

Student: Daniel Levin

School: Martello Enrichment School

(2323) Saving with Solar

Student: Brendan Nedvidek

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Leo Enright Memorial Award (Royal Astronomical Society of Canada)

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

(1111) Could Humans Colonize Mars?

Student: Caitlin McAllister

School: Polson Park Public School

Royal Military College Green Team Award

Certificates

(4301) Environmental Friendly Home Heating and Cooling Systems

Student: Bill Huang

School: Frontenac Secondary School

(2309) Putting a Spin on Green Energy

Student: Chase Graham

School: Odessa Public School

(2123) Wind That Spins: High Altitude Wind Energy

Student: Annie King

School: Calvin Park Public School

Women in Science and Engineering

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

(2114) Green Gold

Student: Mira Loock

School: Calvin Park Public School

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

(1404) The Rubber Hand Illusion comparing adults and children

Student: Jael Moore

School: Martello Enrichment School



Frontenac, Lennox and Addington Science Fair

2012 Ontario Association of Medical Laboratories Award

(\$100 cash)

(2201) Tension at the Surface

Student: Elizabeth McAuley

School: Odessa Public School

2012 UOIT Innovation Award

(\$100 cash)

(2308) Pro . Tech . Neck: The Future of Hockey Neck Guards

Students: Jack Lott , Alex Drover

School: Calvin Park Public School

2012 Hydro One Energy Ambassador Award

(\$100 cash)

(2309) Putting a Spin on Green Energy

Student: Chase Graham

School: Odessa Public School

2012 University of Ottawa Entrance Scholarship Award

(\$1000 scholarship)

(4302) The Living Wall: An Educational Innovation

Student: Brandon Whitley

School: Kingston Collegiate & Vocational Institute



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

(1209) SHAMWOW OR NOT SO WOW

Students: Caroline Whitehead , Claudia Aird-Tousignant

School: Winston Churchill Public School