

## ***FLASF Special Awards 2009***

### **Peer Award**

Presented to the primary student(s) who have the most deserving project as voted by his/her peers

*Award:* Certificate

#### *Winner(s)*

*Project*     **The Effect of Artist Oil Paint on Lung Function**  
*Participant* ANDREW MILLSON  
*School*       King's Town School

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

Best project related to the body's response to disease or tissue damage

*Award:* Cash Prize of \$75

#### *Winner(s)*

*Project*     **The Effect of Artist Oil Paint on Lung Function**  
*Participant* ANDREW MILLSON  
*School*       King's Town School

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

Best project related to neuroscience

*Award:* Cash Prize of \$100

#### *Winner(s)*

##### **Award 1**

*Project*     **GUMORY**  
*Participant* DAVID SPIES  
*School*       King's Town School

##### **Award 2**

*Project*     **Colour Me Blue**  
*Participant* EMILY -KATE TAYLOR  
*School*       King's Town School

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

Best project dealing with medicine and/or the human body

*Award:* Cash Prize of \$100

#### *Winner(s)*

*Project*     **The Dirty Truth: Antibacterial Resistance**  
*Participant* DANIELLE MUSCEDERE  
*School*       Calvin Park P.S.

## Queen's University Department of Biology

Best projects of a biological theme

*Award:* 4 Book Prizes worth \$50 each

### *Winner(s)*

<b>Award 1</b>	<b><i>Project</i></b>	<b>CELL PHONE RADIATION WHAT'STHE CALL?</b>
	<i>Participant</i>	GREGORY BORSCHNECK
	<i>School</i>	King's Town School
<b>Award 2</b>	<b><i>Project</i></b>	<b>Make The Most Of Cut Flowers</b>
	<i>Participant</i>	ISAAC ECKERT
	<i>School</i>	Calvin Park P.S.
<b>Award 3</b>	<b><i>Project</i></b>	<b>Estimating Salmon River Health Using Benthos Sampling</b>
	<i>Participant</i>	HANNAH LLOYD
	<i>School</i>	Odessa P.S.
<b>Award 4</b>	<b><i>Project</i></b>	<b>Counting Coliform</b>
	<i>Participant</i>	NEEL SHARMA
	<i>School</i>	King's Town School

## Queen's University Department of Chemistry

Best project related to pure or applied chemistry

*Award:* Cash Prize of \$50

### *Winner(s)*

<b><i>Project</i></b>	<b>Race Of The Reactions</b>
<i>Participant</i>	ALI TEN HOVE
<i>School</i>	Calvin Park P.S.

## Queen's University Department of Electrical & Computer

Best projects related to an electrical or computer engineering theme

*Award:* 1st Prize of \$125 and a trophy to be engraved and displayed at the department of electrical and computer engineering  
2nd Prize of \$75

### *Winner(s)*

<b>1st Prize</b>	<b><i>Project</i></b>	<b>Take That Gibson!!</b>
	<i>Participant</i>	GRAEME TAYLOR
	<i>School</i>	King's Town School
<b>2nd Prize</b>	<b><i>Project</i></b>	<b>The A-Maze-ing Maze Game</b>
	<i>Participant</i>	ISAAC GREENSPAN
	<i>School</i>	King's Town School

## Queen's University School of Environmental Studies

Best project in environment and sustainability using a multidisciplinary approach

*Award:* 4 Book Prizes worth \$50 each, at least two at Junior level.

### *Winner(s)*

<b>Junior 1</b>	<b><i>Project</i></b>	<b>Eco Islands: Carbon Busters of the Future</b>
	<i>Participant</i>	MICHAEL MCGARITY-SHIPLEY
	<i>School</i>	Calvin Park P.S.
<b>Junior 2</b>	<b><i>Project</i></b>	<b>why windmills</b>
	<i>Participant</i>	JOE CASSON
	<i>School</i>	Module Vanier
<b>Open 1</b>	<b><i>Project</i></b>	<b>Counting Coliform</b>
	<i>Participant</i>	NEEL SHARMA
	<i>School</i>	King's Town School
<b>Open 2</b>	<b><i>Project</i></b>	<b>LIGHTS OUT ON EARTH DAY</b>
	<i>Participant</i>	ANDREW BORSCHNECK
	<i>School</i>	King's Town School

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

Best project of a mechanical or materials engineering theme

*Award:* Cash Prize of \$100

### *Winner(s)*

	<b><i>Project</i></b>	<b>Just Add Water: Quenching the World's Thirst With a Solar-Powered Desalinator</b>
	<i>Participant</i>	ADRIENNE MORGAN
	<i>School</i>	Odessa P.S.

## Queen's University Department of Microbiology & Immunology

Best project that deals with microbiology and/or immunology

**Award:** Two Cash Prizes of \$100, one in Primary/Junior division and one in Intermediate/Senior division. Also a trophy engraved and displayed at the Department of Microbiology and Immunology and keeper plaques for the winners

### *Winner(s)*

<b>Primary/Junior</b>	<b>Project</b>	<b>Meat your Microbes</b>
	<i>Participant</i>	COLTON BARR
	<i>School</i>	Maplecrest-Sempar School
<b>Intermediate / Senior</b>	<b>Project</b>	<b>Nature Shock: An Experimentation of Naturopathic Treatments for Prostate Cancer</b>
	<i>Participant</i>	MALAK ELBATARNY
	<i>School</i>	Kingston C.V.I.

## Queen's University Department of Physiology

Best project that illustrates physiological principles

**Award:** 1st Prize of \$75 cash plus a trophy to be displayed at the winners school  
2nd Prize of \$50 cash

### *Winner(s)*

<b>1st Prize</b>	<b>Project</b>	<b>This Project Stinks</b>
	<i>Participant</i>	GRAHAM MILLIGAN
	<i>School</i>	King's Town School
<b>2nd Prize</b>	<b>Project</b>	<b>Turning Up The Power On Gel</b>
	<i>Participant</i>	OLIVIA HUGHES
	<i>School</i>	Tamworth P.S.

## Queen's University Department of Psychology

Best project related to an area of psychology, social development or behavioural brain

*Award:* Four gift certificates of \$25 from Queen's University Campus Bookstore

### *Winner(s)*

#### **Award 1**

***Project*** GUMORY

*Participant* DAVID SPIES

*School* King's Town School

#### **Award 2**

***Project*** Can You Break Your Habit?

*Participant* EVIE FITZPATRICK

*School* King's Town School

#### **Award 3**

***Project*** What Not To Wear

*Participant* BRIANNA KOPS & EMMA LANGLOIS

*School* Calvin Park P.S.

## Queen's University Department of Physics

Best project demonstrating principles of physics

*Award:* Cash Prize of \$60 (shared between two projects)

### *Winner(s)*

#### **Split Prize**

***Project*** Whatever floats your boat?

*Participant* BRYCE TAYLOR

*School* King's Town School

#### **Split Prize**

***Project*** 15 LOVE

*Participant* AIDA ZAZA

*School* Module Vanier

## Queen's University Engineering Society Science Quest Award

- A. Best applied science and engineering project
- B. Female demonstrating a desire to pursue a career in an engineering/science domain and presenting an outstanding applied/science engineering project

*Award:* Prize for A. One week at Science Quest Camp  
Prize for B. One week at Girl's Quest Camp

### *Winner(s)*

<b>Prize A</b>	<b><i>Project</i></b>	<b>Counting Coliform</b>
	<i>Participant</i>	NEEL SHARMA
	<i>School</i>	King's Town School
<b>Prize B</b>	<b><i>Project</i></b>	<b>Eat Me!</b>
	<i>Participant</i>	TARRAH ETHIER
	<i>School</i>	King's Town School

## Queen's University School of Computing

Best computer project

*Award:* Cash Prize of \$50 plus a trophy

### *Winner(s)*

<b><i>Project</i></b>	<b>The A-Maze-ing Maze Game</b>
<i>Participant</i>	ISAAC GREENSPAN
<i>School</i>	King's Town School

## High Performance Computing Virtual Laboratory (HPCVL)

Best computational project

*Award:* One prize of an iPod

### *Winner(s)*

<b><i>Project</i></b>	<b>Wind to Wheel</b>
<i>Participant</i>	KATY DIEDERICHS
<i>School</i>	King's Town School

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

Best project presented in French

*Award:* 4 Cash Prizes of \$50

**NO ELIGIBLE PROJECT**

## The City of Kingston

Best environmental project

**Award:** Cash Prize of \$50 and a plaque for the winner, open to all divisions

**Winner(s)**

**Project**      **Commercial Compost Accelerator: Is It Just a Bunch of Rubbish?**

**Participant**      WYATT BAIN  
**School**              Kingston Christian School

## CMC Microsystems

Best projects related to engineering, application of computers, design, or a project with a significant design/problem solving content

**Award:** 2 Prizes of a \$100 gift certificate for Future Shops, open to all divisions.

**Winner(s)**

**Award 2**              **Project**              **Wind to Wheel**

**Participant**      KATY DIEDERICHS  
**School**              King's Town School

**Award 2**              **Project**              **Faster Than a Speeding Bullet!**

**Participant**      SARAH GATENBY  
**School**              Maplecrest-Sempar School

## Kingston Field Naturalists

Best projects related to observations of, or experimentation concerning, natural history phenomena

**Award:** Book Certificate Prize plus one trophy to be displayed at the winner's school for the best overall natural history/conservation study project

**Winner(s)**

**Project**              **Estimating Salmon River Health Using Benthos Sampling**

**Participant**      HANNAH LLOYD  
**School**              Odessa P.S.

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

Best project showing insight into health promotion

*Award:* Cash Prize of \$100, open to all divisions

*Winner(s)*

*Project*      **Computer Germs. Your fingers aren't the  
only things dancing all over your computer**

*Participant*      JOY YEN

*School*              King's Town School

### **Museum of Health Care at Kingston Award**

Project illustrating, where appropriate, the relationship between past research, discovery or practice and the current situation

*Award:* Cash Prize of \$25 for the student and a certificate, plus free delivery of a Museum outreach-education program to the class of the winner, open to primary and junior divisions.

**NO ELIGIBLE PROJECT**

### **Ontario Association of Certified Engineering Technicians & Technologists**

Best display of practical application of an engineering concept

*Award:* Cash Prize of \$50 (\$25 per student on the project if more than one student) plus keeper plaques, open to all divisions

*Winner(s)*

*Project*              **Blades of Power**

*Participant*        KIERAN GREKUL-SOMERVILLE

*School*              King's Town School

## Professional Engineers of Ontario

Best projects related to engineering

**Award:** 1st Prize: Cash Prize of \$100 and Professional Engineers of Ontario trophy to display at student's school for one year plus a keeper plaque, open to all divisions  
2nd Prize: Cash Prize of \$100 plus a keeper plaque, open to all divisions

### *Winner(s)*

<b>1st Prize</b>	<b><i>Project</i></b>	<b>Just Add Water: Quenching the World's Thirst With a Solar-Powered Desalinator</b>
	<i>Participant</i>	ADRIENNE MORGAN
	<i>School</i>	Odessa P.S.
<b>2nd Prize</b>	<b><i>Project</i></b>	<b>Faster Than a Speeding Bullet!</b>
	<i>Participant</i>	SARAH GATENBY
	<i>School</i>	Maplecrest-Sempar School

## Royal Astronomical Society of Canada

Best projects in astronomy and related sciences

**Award:** 1st Prize: A Cash Prize of \$50 and Youth membership in the Royal Astronomical Society of Canada and a certificate, open to all divisions  
2nd Prize: A Cash Prize of \$25 and a Book (Beginners Observing Guide) and a certificate, open to all divisions

### *Winner(s)*

<b>1st Prize</b>	<b><i>Project</i></b>	<b>Once Around the Sun</b>
	<i>Participant</i>	ROBIN PIANOSI
	<i>School</i>	Odessa P.S.
<b>2nd Prize</b>	<b><i>Project</i></b>	<b>Global Warming</b>
	<i>Participant</i>	HART ANDRIN
	<i>School</i>	Module Vanier

## Women in Science and Engineering

Best project by female(s) showing excellence and potential in science, engineering and scientific thought, plus trophy to school with most awards to female students

**Award:** One award of \$40 for best project by a female student in junior / intermediate division  
One award of \$60 for the best project by a female student, in any division  
The WISE trophy to school with most awards to female students in the Fair, open to all

### Winner(s)

**Junior / Intermediate**

**Project** **Nature Shock: An Experimentation of Naturopathic Treatments for Prostate Cancer**

**Participant** MALAK ELBATARNY  
**School** Kingston C.V.I.

**Open**

**Project** **Wind to Wheel**

**Participant** KATY DIEDERICHS  
**School** King's Town School

**Wise Trophy**

**School** King's Town School

## Canadian Obesity Network

Best project focused on diet, exercise and obesity issues

**Award:** Cash Prize of \$100 and one year's free subscription for the winner's school to Conduit, the Canadian Obesity Network's publication, open to all divisions

### Winner(s)

**Project** **Rhythm Running**

**Participant** YEON SOO KIM & TIM OSTIGUY  
**School** Module Vanier

## Royal Military College Green Team

Best project related to sustainable development, green technology or innovation

*Award:* One individual trophy for the best project plus \$50 cash prize , open to all divisions plus framed certificates for second place.

### *Winner(s)*

<b>1st Prize</b>	<b><i>Project</i></b>	<b>Wind Turbines - Let's Go Green</b>
	<i>Participant</i>	ISHAN ACHARYA
	<i>School</i>	Calvin Park P.S.
<b>2nd Prize Certificate</b>	<b><i>Project</i></b>	<b>Energy from Garbage</b>
	<i>Participant</i>	TASLIMUL HOQUE
	<i>School</i>	Calvin Park P.S.
<b>2nd Prize Certificate</b>	<b><i>Project</i></b>	<b>Wind to Wheel</b>
	<i>Participant</i>	KATY DIEDERICHS
	<i>School</i>	King's Town School

## VIA Rail Canada & Youth Science Canada EnviroExpo Special Award

Best project that uses the combined skills of science and the arts to address environmental issues

*Award:* Cash Prize of \$100

### *Winner(s)*

<b><i>Project</i></b>	<b>Just Add Water: Quenching the World's Thirst With a Solar-Powered Desalinator</b>
<i>Participant</i>	ADRIENNE MORGAN
<i>School</i>	Odessa P.S.

## Sci-Tech Ontario Association of Medical Laboratories (OAML)

Award sponsored by the Ontario Association of Medical Laboratories and given to the outstanding project in disciplines such as Biochemistry, Chemistry, Microbiology, Toxicology, and Forensic Science, that incorporate analytical laboratory methods or displays exemplary application of the experimental method.

*Award:* Cash Prize of \$100

### *Winner(s)*

<b><i>Project</i></b>	<b>Race Of The Reactions</b>
<i>Participant</i>	ALI TEN HOVE
<i>School</i>	Calvin Park P.S.

### **Sci-Tech University of Ontario Institute of Technology (UOIT) - Innovation Award**

Award sponsored by The University of Ontario Institute of Technology and given to the top 2 projects that demonstrate the most innovative development, adaptation, or use of technology in any subject area.

*Award:* 2 Cash Prizes of \$100

*Winner(s)*

<b>Award 1</b>	<b>Project</b>	<b>Rhythm Running</b>
	<i>Participant</i>	YEON SOO KIM & TIM OSTIGUY
	<i>School</i>	Module Vanier
<b>Award 2</b>	<b>Project</b>	<b>FRACTOGRAPHY - Get Cracking!</b>
	<i>Participant</i>	ADAM CHOLMONDELEY
	<i>School</i>	Module Vanier

### **Sci-Tech Hydro One - Energy Ambassador Award**

Award sponsored by Hydro One Networks Inc. and given to a project of outstanding scientific quality where the primary focus is the distribution, supply management, use or conservation of electrical energy or other form of energy.

*Award:* Cash Prize of \$100

*Winner(s)*

<b>Project</b>	<b>Wind Turbines - Let's Go Green</b>
<i>Participant</i>	ISHAN ACHARYA
<i>School</i>	Calvin Park P.S.

### **Sci-Tech University of Ottawa Admission Scholarship**

Award sponsored by the Faculties of Engineering, Science and Health Sciences at the University of Ottawa and given to the most deserving senior project to encourage them to study at the Faculties of Engineering, Science, or Health Sciences at the University of Ottawa

*Award:* Admission Scholarship of \$1000 at University of Ottawa. In the case of 2 student winners, each winner will receive a \$500 scholarship.

*Winner(s)*

<b>Project</b>	<b>Nature Shock: An Experimentation of Naturopathic Treatments for Prostate Cancer</b>
<i>Participant</i>	MALAK ELBATARNY
<i>School</i>	Kingston C.V.I.

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

Sponsored by the Ontario Ministry of the Environment and given to an outstanding project in any category that demonstrates a creative approach to an environmental problem that could lead to cleaner air, land or water.

*Award:* Cash Prize of \$100

*Winner(s)*

<i>Project</i>	<b>Energy from Garbage</b>
<i>Participant</i>	TASLIMUL HOQUE
<i>School</i>	Calvin Park P.S.

## **Sci-Tech - The Ontario Ministry of Research and Innovation Stepping Stone Award**

Sponsored by the Ontario Ministry of Research and Innovation in partnership with Sci-Tech Ontario and Youth Science Canada and given to a top project selected to attend the Canada-Wide Science Fair.

*Award:* The award includes a certificate for the winner plus a \$1500 travel grant to cover the costs of sending the winner to the Canada-Wide Science Fair in May.

*Winner(s)*

<i>Project</i>	<b>Just Add Water: Quenching the World's Thirst With a Solar-Powered Desalinator</b>
<i>Participant</i>	ADRIENNE MORGAN
<i>School</i>	Odessa P.S.