



Frontenac, Lennox & Addington Science Fair

Special Award Details for 2012 Fair

Michel - Sarrazin Award

Sponsored by: Association canadienne-française de l'Ontario, Conseil régional des Mille-Îles (ACFOMI)

Criteria: Projects with very high quality French (spoken and written) used in a scientific project presentation.

Amount: Four awards of \$50 - one per division

Eligibility: One award in each division - primary, junior, intermediate, senior

Canadian Obesity Network Award

Sponsored by: Canadian Obesity Network

Criteria: Best project focusing on diet, exercise, obesity issues.

Amount: One award of \$100 plus one year's free subscription for the student's school to Conduit, the Canadian Obesity Network's publication

Eligibility: Open to all divisions

City of Kingston - Best Environmental Project Award

Sponsored by: City of Kingston Solid Waste Division

Criteria: Best environmental project.

Amount: One award of \$50 with a student plaque

Eligibility: Open to all divisions

CMC Microsystems Award

Sponsored by: CMC Microsystems

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

Amount: Two awards of \$100 gift certificate for Future Shops

Eligibility: Open to all divisions

Kingston Field Naturalists Award

Sponsored by: Kingston Field Naturalists

Criteria: Observations or experimentation of natural history phenomena. Originality, organization, thoroughness, knowledge are also important.

Amount: Up to eight awards with
- 1st & 2nd Prize for each of the 4 divisions (gift certificate for a book) &
- One trophy to be displayed at school for best overall natural history/conservation study

Eligibility: Open to all divisions

Raise a Little Health Award

Sponsored by: Kingston, Frontenac, Lennox & Addington Public Health

Criteria: Best project showing insight into health promotion.

Amount: One award of \$100

Eligibility: Open to all divisions

History of Medical Science Award

Sponsored by: Museum of Health Care at Kingston

Criteria: The winning project must demonstrate in a clear, interesting, and effective way an aspect of a development or discovery in medicine or health care.

Amount: One award of \$50 and a free education program at the Museum for the winning student's class.

Eligibility: Open to primary and junior divisions

Novelis Sandra Davison Award

Sponsored by: Novelis Global Technology Centre

Criteria: Best single student project demonstrating innovation and creativity.

Amount: One award of \$100

Eligibility: Open to all divisions

Ontario Association of Certified Engineering Technicians and Technologists (OACETT) Award

Sponsored by: Ontario Association of Certified Engineering Technicians and Technologists, Kingston Chapter

Criteria: Best display of the practical application of an engineering concept. Should demonstrate inventiveness, originality & a practical use.

Amount: One award of student plaque(s) to keep plus cash prize of \$50

Eligibility: Open to all divisions

Professional Engineers of Ontario

Sponsored by: Professional Engineers of Ontario, Kingston Branch

Criteria: Best projects related to Engineering.

Amount: Two awards:
1st place - PEO trophy to display at student's school for one year plus student plaque to keep and \$100 for student
2nd place – student plaque and \$100 for student

Eligibility: Open to all divisions

Queen's University Centre for Neuroscience Studies

Sponsored by: Queen's University Centre for Neuroscience Studies

Criteria: Best project related to neuroscience.

Amount: One award of \$100

Eligibility: Open to all divisions

Queen's University Anatomy and Cell Biology

Sponsored by: Queen's University Anatomy and Cell Biology

Criteria: Best project dealing with medicine and/or the human body.

Amount: One award of \$100

Eligibility: Open to all divisions

Queen's University Department of Biology

Sponsored by: Queen's University Department of Biology

Criteria: Best projects of a biological theme.

Amount: Four \$50 book prizes

Eligibility: Open to all divisions

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

Sponsored by: Queen's University Department of Biology

Criteria: Best project with an environmental theme.

Amount: One award of one week at Eco-adventure Camp, Elbow Lake

Eligibility: Open to primary (Grades 5 & 6) and junior divisions (Grades 7 & 8)

Queen's University Department of Biomedical & Molecular Sciences

Sponsored by: Queen's University Department of Biomedical & Molecular Sciences

Criteria: Best project that deals with microbiology and/or immunology.

Amount: Two awards each of \$100 and keeper plaque for student, plus name of students and schools engraved on trophy that is displayed at Dept. of Biomedical & Molecular Sciences

Eligibility: Open to all divisions, with one award for primary/junior divisions and one award for Intermediate/ senior divisions

Queen's University Department of Chemistry

Sponsored by: Queen's University Department of Chemistry

Criteria: Best project related to pure or applied chemistry.

Amount: One award of \$50

Eligibility: Open to all divisions

Queen's University Department of Electrical & Computer Engineering

Sponsored by: Queen's University Department of Electrical & Computer Engineering

Criteria: Best projects related to an electrical or computer engineering theme.

Amount: Two awards:
First Prize: \$125 for student and trophy to be engraved and displayed at Queen's
Second prize: \$75

Eligibility: Open to all divisions

Queen's University Explore Camp, Department of Geography

Sponsored by: Queen's University Department of Geography

Criteria: Best project with a geographical theme.

Amount: One award of one week at Explore Camp

Eligibility: Open to all Grades 5 & 6

Queen's University Department of Mechanical & Materials Engineering

Sponsored by: Queen's University Department of Mechanical & Materials Engineering

Criteria: Best project with a mechanical or materials engineering theme.

Amount: One award of \$100

Eligibility: Open to all divisions

Sponsored by: Queen's University Department of Biomedical & Molecular Sciences

Queen's University Department of Pathology & Molecular Medicine

- Sponsored by:** Queen's University Department of Pathology & Molecular Medicine
- Criteria:** Best project related to the body's response to disease or tissue damage.
- Amount:** One award of \$75
- Eligibility:** Open to all divisions

Queen's University Department of Physics

- Sponsored by:** Queen's University Department of Physics
- Criteria:** Best project demonstrating the principles of physics
- Amount:** Two awards each of \$50 and certificate
- Eligibility:** Open to all divisions

Queen's University Department of Physiology

- Sponsored by:** Queen's University Department of Physiology
- Criteria:** Best project that illustrates physiological principles.
- Amount:** Two awards:
1st place - Trophy to display at student's school for one year plus \$75 for student, and
Honourable mention - \$50 for student
- Eligibility:** Open to all divisions

Queen's University Engineering Society, Science Quest Award

- Sponsored by:** Queen's University Engineering Society, Science Quest
- Criteria:** One award for the best applied science and engineering project, and one award given to a female student demonstrating a desire to pursue a career in an engineering/science domain and presenting an outstanding applied/science engineering project
- Amount:** Two awards:
One prize of one week at Science Quest Camp and
One prize (restricted to girls) of one week at Girls Quest Camp
- Eligibility:** Open to elementary and junior divisions

Queen's University School of Computing Award

- Sponsored by:** Queen's University School of Computing
- Criteria:** Best computer project.
- Amount:** One award of \$50 plus keeper trophy for student
- Eligibility:** Open to all divisions

Queen's University School of Environmental Studies Award

- Sponsored by:** Queen's University School of Environmental Studies
- Criteria:** Best project in environment and sustainability using a multidisciplinary approach.
- Amount:** Four book prizes each of \$50, with two awards in junior division and two awards in any division. No more than 2 of 4 awards for group projects.
- Eligibility:** Two in junior division, plus two in any division.

Leo Enright Memorial Award

- Sponsored by:** Royal Astronomical Society of Canada
- Criteria:** Best project in astronomy and related sciences.
- Amount:** One award of \$75.00 and the book "A Beginners Observing Guide"
- Eligibility:** Open to all divisions

RMC Green Team Award

- Sponsored by:** Royal Military College Green Team
- Criteria:** Best projects related to green energy or innovative green practices.
- Amount:** Two awards of a certificate
- Eligibility:** Open to all divisions

Youth Science Ontario Award Details for 2012:

Ontario Association of Medical Laboratories Award

- Sponsored by:** Ontario Association of Medical Laboratories & Youth Science Ontario
- Criteria:** Awarded to an outstanding project in disciplines such as Biochemistry, Chemistry, Microbiology, Toxicology and Forensic Science, and incorporating analytical laboratory methods. These methods can include analytical techniques or physical methods of analysis (e.g a spectrometer or chromatograph). The project must be outstanding in its own right and display exemplary use of analytical laboratory methods. If there isn't a project that meets the preceding criteria, then the following alternate criteria may be used: outstanding experiment project displaying exemplary application of the experimental method.
- Amount:** One award of \$100 and certificate. If a winning project has two students, each will receive \$50 and a certificate.
- Eligibility:** Open to junior, intermediate and senior divisions
Projects with 1 or 2 students

University of Ontario Institute of Technology Innovation Award

Sponsored by: University of Ontario Institute of Technology & Youth Science Ontario

Criteria: Awarded to the project demonstrating the most innovative development, adaptation or use of technology in any subject area.

Amount: One award of \$100 and certificate. If a winning project has two students, each will receive \$50 and a certificate.

Eligibility: Open to junior, intermediate and senior divisions
Project with 1 or 2 students

Hydro One Energy Ambassador Award

Sponsored by: Hydro One Networks & Youth Science Ontario

Criteria: Project of outstanding scientific quality where the primary focus is the distribution, supply management, use or conservation of electrical energy. If a suitable project relating to electrical energy is not available, then projects relating to other forms of energy may be considered.

Amount: One award of \$100 and certificate. If a winning project has two students, each will receive \$50 and a certificate.

Eligibility: Open to junior, intermediate and senior divisions
Projects with 1 or 2 students

University of Ottawa Entrance Scholarship

Sponsored by: University of Ottawa & Youth Science Ontario

Criteria: The Faculties of Engineering, Science and Health Sciences at the University of Ottawa award a scholarship to the most deserving senior project. The intent is to honour the top senior project and encourage the winner or winners to pursue university studies in health, sciences and technology.

Amount: \$1000 entrance scholarship
(or \$500 entrance scholarship each if two-student project)

Eligibility: Open to senior division projects with 1 or 2 students.
The scholarship will be applied to the tuition fees when the student(s) register in an undergraduate program at the Faculties of Engineering, Science or Health Sciences at the University of Ottawa.

Ontario Ministry of the Environment Environmental Innovator Award

Sponsored by: Ontario Ministry of the Environment & Youth Science Ontario

Criteria: Given to an outstanding project in any category demonstrating a creative approach to an environmental problem that could lead to cleaner air, land or water.

Amount: One award of \$100 & certificate

Eligibility: Open to junior, intermediate and senior divisions
Projects with 1 or 2 students

**Ontario Ministry of Economic Development and Innovation
Stepping Stone Award**

Sponsored by: Ontario Ministry of Economic Development and Innovation & Youth
Science Ontario

Criteria: Overall best of fair project from this region selected by FLASF.

Amount: Certificate for the winner plus travel grant to the region to cover the costs of sending the winner to the Canada-Wide Science Fair in May.

Eligibility: Open to junior, intermediate and senior divisions
Projects with 1 or 2 students