

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Canadian Mathematical Society Award

Sponsor: Canadian Mathematical Society
\$1000 cash & certificate

Bill Pang [16] – Greater Vancouver BC
From The Orthic Triangle

Canadian Society for Medical Laboratory Science Award

Sponsor: Canadian Society for Medical Laboratory Science
\$500 cash & certificate

Kayleigh Brugger [13] – Western Manitoba MB
Is Your Fruit Really Clean?

CAP Physics Prize

Sponsor: Canadian Association of Physicists
\$1000 cash & certificate.

Daniel Bild-Enkin [18] – Vancouver Island BC
Voilà les Voyelles: French Vowel Pronunciation in a Victoria High School

Carlson Wagonlit Award

Sponsor: Carlson Wagonlit Travel/Madison Travel
\$500 cash & certificate

Brock Bowman [14] – Niagara ON
Autoroute H2O

CSSE Engineering Innovation Award

Junior
Sponsor: Canadian Society for Senior Engineers
\$500 cash & certificate

Amanda Watkins [13] – Peel ON
Take Control of Arthritis

CSSE Engineering Innovation Award

Senior
Sponsor: Canadian Society for Senior Engineers
\$1000 cash & certificate

Haley Robinson [17] – Northern Saskatchewan SK
Sanitary Sunshine: Phase Two

Discovery Channel Math Award

Sponsor: Discovery Channel
\$750 cash & certificate

Florence Chan [16], **Alison Lee** [16] – Toronto ON
Thermoelectricity: A Cool Idea Or Hot Air?

Merck Frosst Exploring Minds Award

Sponsor: Merck Frosst Canada
\$1000 cash & certificate

Emily Cooley [18] – Calgary Youth AB
Embryonic Stem Cells and Viral Internalization

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Peter W. Newman Award

Sponsor: Canadian Council of Technicians and Technologists
\$1000 cash, certificate & plaque

Bing Luo [18] – Greater Vancouver BC
The Missing Link: An Investigation into JAK 2 Phosphorylation

S.M. Blair Family Foundation Award

Junior

Sponsor: S.M. Blair Family Foundation
\$500 cash & certificate

Amanda Watkins [13] – Peel ON
Take Control of Arthritis

S.M. Blair Family Foundation Award

Intermediate

Sponsor: S.M. Blair Family Foundation
\$750 cash & certificate

Mike MacIsaac [16], **Todd Mercer** [15] – Cape Breton NS
The Amazing Alter-Leg

S.M. Blair Family Foundation Award

Senior

Sponsor: S.M. Blair Family Foundation
\$1000 cash & certificate

Michel Gignac [18] – Fransaskoise SK
Anciennes cultures, nouvelles technologies

The Actuarial Foundation of Canada Award

Junior

Sponsor: The Actuarial Foundation of Canada
\$500 cash & certificate

Joan Cannon [13] – Frontenac, Lennox & Addington ON
Islands in the Sun

Sarah Pritchard [12] – Northern Manitoba MB
Restrain Yourself

The Actuarial Foundation of Canada Award

Intermediate

Sponsor: The Actuarial Foundation of Canada
\$750 cash & certificate

Connor Emdin [14] – Quinte ON
Predicting E. coli induced beach closures using artificial neural networks.

Mate Bezdek [15] – Calgary Youth AB
Dual Tomography

The Actuarial Foundation of Canada Award

Senior

Sponsor: The Actuarial Foundation of Canada
\$1000 cash & certificate

Mihail Buse [17], **Peter Wawzonek** [18] – Waterloo-Wellington ON
Ergonomics Within the Workplace

Michael Stepner [15] – CDLS - Province du Québec QC
Turning a kind eye

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Agriculture and Agri-Food Canada Award

Junior

Sponsor: Agriculture and Agri-Food Canada
\$500 cash & certificate

Mary-Lou Angidlik [13] – Kivalliq NU
Arctic Plant Medicine

Greer Stanier [13] – Ottawa ON
What "milk" makes the best natural plastic?

Agriculture and Agri-Food Canada Award

Intermediate

Sponsor: Agriculture and Agri-Food Canada
\$750 cash & certificate

Adil Adatia [15] – Lethbridge AB
Pathogenicity of a New Alberta Microbe Against Grasshoppers and Mealworms

Elise Tessier [15] – Conseil scolaire acadien provincial (CSAP) NS
Une bonne tasse de thé

Agriculture and Agri-Food Canada Award

Senior

Sponsor: Agriculture and Agri-Food Canada
\$1000 cash & certificate

Brittany Faye [18] – Parkland SK
Bio-Gly-Kool II

Jillian Robinson [18] – Annapolis Valley NS
The Nose Knows

Australian National Youth Science Forum Award

Sponsor: National Youth Science Forum Australia

The Australian delegation to the CWSF selects one or two grade 10/secondary IV Canadian finalists to invite to the 12-day National Youth Science Forum (NYSF) at the Australian National University in Canberra in January 2008. All expenses within Australia are covered by the NYSF, but as part of the program, participants are expected to raise the funds to cover their travel. The NYSF focuses on encouraging the achievement of excellence, and the development of communication and interpersonal skills for careers in science, engineering and technology. It also fosters discussion of, and interest in major national and global issues and emphasizes the importance of maintaining continuing active interests in sport, arts and music.

Macall Robinson [16] – Annapolis Valley NS
Aquatic Pathway

Kelsey Bugera [15] – Parkland SK
Do Contact Lens Solutions Keep Your Contact Cases Bacteria Free?

Canadian Acoustical Association Award

Sponsor: Canadian Acoustical Association
\$500 cash & certificate plus subscription to the Canadian Acoustical Association's quarterly journal

Luke Regier [13] – Simcoe County ON
Blowing Down the Walls of Jerico

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Canadian Commission for UNESCO - Science for Peace and Development (MILSET ESI) Award

Sponsor: Canadian Commission for UNESCO

The winner will participate in Expo-Sciences Internationale (ESI), a non-competitive international science fair organized by the International Movement for Leisure Activities in Science and Technology (MILSET - French acronym), to be held July 8-13, 2007 in Durban, South Africa, and will receive a certificate. Total value \$5000.

Haley Robinson [17] – Northern Saskatchewan SK

Sanitary Sunshine: Phase Two

The Canadian Society for the Weizmann Institute of Science Scholarships

Joseph W. and Joel Anthony Leon Kerbel Scholarship

Sponsor: The Canadian Society for the Weizmann Institute of Science (Weizmann Science Canada)

Each scholarship provides for participation in the summer science program at the Weizmann Institute in Israel, including registration fee and return airfare (Toronto-Israel-Toronto). The dates of the Weizmann summer science program are June 28-July 29, 2007. Total value of \$8000.

Dustin Hughes [18] – Timmins ON

Hot COCO2 The Energizer Reactor

The Canadian Society for the Weizmann Institute of Science Scholarships

The Maurice Pollack Foundation Scholarship

Sponsor: The Canadian Society for the Weizmann Institute of Science (Weizmann Science Canada)

Each scholarship provides for participation in the summer science program at the Weizmann Institute in Israel, including registration fee and return airfare (Toronto-Israel-Toronto). The dates of the Weizmann summer science program are June 28-July 29, 2007. Total value of \$8000.

Delphine Rémillard-Labrosse [18] – CDLS - Province du Québec QC

Bras de fer: axolotl vs cancer

Canadian Stockholm Junior Water Prize

Sponsor: Canadian Water Environment Associations (ACWWA, BCWWA, WEAO, Réseau Environnement, WCWEA)

One all expense paid trip to Stockholm, Sweden, August 11-17, 2007, for one student to represent Canada at the International Stockholm Junior Water Prize Competition. Up to three projects selected at the CWSF will be invited to submit an essay summary of their projects. One winner will then be chosen to represent Canada at the Stockholm Junior Water Prize Competition. The two-runners-up will each receive a \$300 cash prize.

Alexandre Harvey [16] – Timmins ON

Opération décontamination, la décontamination naturelle du lixiviat du bois

Haley Robinson [17] – Northern Saskatchewan SK

Sanitary Sunshine: Phase Two

Simon Bourgault-Côté [17], **Alexis St-Gelais** [17] – CDLS - Province du Québec QC

Sachez chasser ce sel!

Engineers Without Borders - Canada Award

Sponsor: Engineers Without Borders - Canada

One all expense paid trip (including travel, accommodation, meals, and incidental costs) to participate in the annual Engineers Without Borders - Canada National Conference, usually in January. Total value \$1500.

Haley Robinson [17] – Northern Saskatchewan SK

Sanitary Sunshine: Phase Two

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



International Summer School for Young Physicists Award

Sponsor: Perimeter Institute for Theoretical Physics

The award consists of a full scholarship to participate in the International Summer School for Young Physicists 2006 (Y-Phys 2006), an intensive two-week enrichment program that will introduce students to the fascinating picture of our universe as seen through the eyes of contemporary physicists: from the bizarre quantum world of atoms and subatomic particles to black holes, warped spacetime and the expanding universe. Students will also interact with professional physicists at Perimeter Institute in small-group mentoring sessions, participate in field trips to interesting science-related destinations in the region and forge new friendships with like-minded young people from around the world. Y-Phys 2007 will run from July 27 to August 8 or August 14 to 26 at Perimeter Institute for Theoretical Physics in Waterloo, Ontario, Canada's premier centre for research in foundational theoretical physics. The scholarship includes room and board and travel expenses to and from the Institute. Total value \$2500.

Mark Stothers [17] – Greater Vancouver BC

Feel The Flow 2: Microbubbles

The Manning Innovation Achievement Award

Sponsor: Ernest C. Manning Awards Foundation

Eight projects will each receive a \$500 cash award. Four of these Manning Innovation Achievement Award winners will also be announced as winners of \$4,000 Manning Young Canadian Innovation Awards (to be presented at a later date).

Delphine Rémillard-Labrosse [18] – CDLS - Province du Québec QC

Bras de fer: axolotl vs cancer

Casey Banner [17] – Pacific Northwest BC

Neural Networks: Image Recognition

Haley Robinson [17] – Northern Saskatchewan SK

Sanitary Sunshine: Phase Two

Steven Johnson [17] – Peace Country AB

8 Seconds Safe II

Caroline Hébert [16] – CDLS - Province du Québec QC

J'ai d'la veine, c'est piquant!

Bing Luo [18] – Greater Vancouver BC

The Missing Link: An Investigation into JAK 2 Phosphorylation

Mark Shearer [17] – Bluewater ON

¿Heads or Tails? II: Memory at its Finest

Daniel Bild-Enkin [18] – Vancouver Island BC

Voilà les Voyelles: French Vowel Pronunciation in a Victoria High School

The Manning Innovation Achievement Award

and \$4000 Manning Young Canadian Innovation Award

Sponsor: Ernest C. Manning Awards Foundation

Eight projects will each receive a \$500 cash award. Four of these Manning Innovation Achievement Award winners will also be announced as winners of \$4,000 Manning Young Canadian Innovation Awards (to be presented at a later date).

Casey Banner [17] – Pacific Northwest BC

Neural Networks: Image Recognition

Haley Robinson [17] – Northern Saskatchewan SK

Sanitary Sunshine: Phase Two

Caroline Hébert [16] – CDLS - Province du Québec QC

J'ai d'la veine, c'est piquant!

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Daniel Bild-Enkin [18] – Vancouver Island BC

Voila les Voyelles: French Vowel Pronunciation in a Victoria High School

Renewable Energy Award

Junior

Sponsor: Ontario Power Generation

\$500 cash & certificate

Evan Watters [13] – Annapolis Valley NS

Hot Pants - Recycled Polyester Insulation

Taylor Reid [13] – Durham ON

Wind turbine blades...a 'hole' lot better.

Renewable Energy Award

Intermediate

Sponsor: Ontario Power Generation

\$750 cash & certificate

Maude Briand-Lemay [14], **Pénélope Robinson** [15] – CDLS - Province du Québec QC

Miroir: deux soleils

Renewable Energy Award

Senior

Sponsor: Ontario Power Generation

\$1000 cash & certificate

Brendan Peters [17] – Strait NS

Micro Hydro Potential: Margaree Watershed

Quality of Life Student Research Award

Sponsor: Institute of Musculoskeletal Health and Arthritis of the CIHR

The award consists of two Quality of Life Studentships to work with investigators involved in musculoskeletal research, each including a stipend of \$3750. Each recipient will be assigned to a mentor/supervisor currently working in MSK research (any of IMHA's 6 foci/3 themes) at a Canadian university or research institute that qualifies for CIHR funding. To the extent that mentors are available, IMHA will endeavour to match award winners and mentors geographically. The award winner will be responsible for arranging his/her own food, accommodations, and personal expenses if travel is required to the location of the mentor. IMHA will help to defray travel expenses (up to \$1000) for selected students geographically distant from the matched mentor.

Delphine Rémillard-Labrosse [18] – CDLS - Province du Québec QC

Bras de fer: axolotl vs cancer

Bing Luo [18] – Greater Vancouver BC

The Missing Link: An Investigation into JAK 2 Phosphorylation

Statistical Society of Canada Award

Sponsor: Statistical Society of Canada

\$1000 cash & certificate

Malcolm Stagg [18] – Calgary Youth AB

Distributed Robotics: An Intelligent System

University of Ottawa Undergraduate Research Scholarship Award

Sponsor: University of Ottawa

The recipient will work with scientists and take part in important scientific discoveries during two consecutive summers. In the summer preceding the first year of studies in an undergraduate program at the Faculty of Science, University of Ottawa - the recipient will earn \$3,000 as a research assistant to one of the world-class professors. If the recipient is successful in his/her first year of studies, the research experience will be extended to a second summer during which he/she will earn \$5,000.

Carlie Scalesse [17] – CDLS - Province du Québec QC

Catch me if you can!

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Petro-Canada Peer Innovation Award - Junior

Atlantic

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Eamonn Sullivan [14] – Annapolis Valley NS
Big Lungs? Big People?

Petro-Canada Peer Innovation Award - Junior

Central Canada

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Nirusan Jayaranjan [14] – St. James-Assiniboia MB
Navigation for the Blind

Petro-Canada Peer Innovation Award - Junior

Ontario North & East

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Michelle Morin [14] – Ottawa ON
iHear

Petro-Canada Peer Innovation Award - Junior

Ontario South

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Prateeksha Ravi [13] – Peel ON
Fuel of the Future: Biodiesel

Petro-Canada Peer Innovation Award - Junior

Québec

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Camille Salvat [14] – CDLS - Province du Québec QC
Naturellement potable

Petro-Canada Peer Innovation Award - Junior

Western Canada

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Glendon Hass [14] – Chinook Country AB
The Zeolite Exchange

Petro-Canada Peer Innovation Award - Intermediate

Atlantic

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Mike MacIsaac [16], **Todd Mercer** [15] – Cape Breton NS
The Amazing Alter-Leg

Petro-Canada Peer Innovation Award - Intermediate

Central Canada

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Teal Kreuger [15] – Kivalliq NU
Solving the Stink Pipe Problem--Part 2

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Petro-Canada Peer Innovation Award - Intermediate

Ontario North & East

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Alexis Rowlinson [15] – Northwestern Ontario ON

Hydrogen - Fuel of the Future

Petro-Canada Peer Innovation Award - Intermediate

Ontario South

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Alexandra Milak [16] – Simcoe County ON

Forget Me Not

Petro-Canada Peer Innovation Award - Intermediate

Québec

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Lauren Arena [14], **Melissa Cammuso** [15] – CDLS - Province du Québec QC

Ginger root extraction

Petro-Canada Peer Innovation Award - Intermediate

Western Canada

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

James Frobb [16], **Alyssa Larson** [15] – Alberta Central East AB

iPODemic: Noise Induced Hearing Loss and the Use of Personal Listening Devices

Petro-Canada Peer Innovation Award - Senior

Atlantic

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Oliver Hatheway [16], **Darren Rodenhizer** [17] – South Shore NS

The Economizer: Harnessing Waste Heat Using a Stirling Engine

Petro-Canada Peer Innovation Award - Senior

Central Canada

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Kara Nadeau [18] – Manitoba Schools Science Symposium MB

Alfalfa: Potential Source of the Health Ingredient Lutein

Petro-Canada Peer Innovation Award - Senior

Ontario North & East

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Dustin Hughes [18] – Timmins ON

Hot COCO2 The Energizer Reactor

Petro-Canada Peer Innovation Award - Senior

Ontario South

Sponsor: Petro-Canada

\$200 cash & certificate per geographic zone

Sarah Cheeseman [17] – Simcoe County ON

Life After Death II

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Petro-Canada Peer Innovation Award - Senior

Québec

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Delphine Rémillard-Labrosse [18] – CDLS - Province du Québec QC
Bras de fer: axolotl vs cancer

Petro-Canada Peer Innovation Award - Senior

Western Canada

Sponsor: Petro-Canada
\$200 cash & certificate per geographic zone

Brian Le [17] – Central Interior British Columbia BC
Blood Brain Barrier Breached!

Silver Medal - International

Sponsor: Youth Science Foundation Canada
Medal and a certificate

Ebba Torgerson [19] – Sweden
Gåsö flora inventory

Ida-Marie Andersson [19] – Sweden
The human memory

Gold Medal - International

Sponsor: Youth Science Foundation Canada
Medal and a certificate

Fanny Wang [14] – Taiwan, R.O.C.
A Twist on Twisting Curves

Yueh-Lin Chung [18] – Taiwan, R.O.C.
Backstage Manipulator for Cosmic Evolution of Galaxy Clusters

Honourable Mention - Automotive

Intermediate

Sponsor: AUTO21
\$100 cash & Certificate

Amanda Gaudet [14] – Fransaskoise SK
Les biocarburants renouvelables

James White [16] – Northwest Saskatchewan SK
Wreaking Havoc on Rust

Tegan Wiebe [15] – North Channel ON
Fighting for Deer Life

Honourable Mention - Automotive

Junior

Sponsor: AUTO21
\$100 cash & Certificate

Arash Marzi [13] – Strait NS
C.A.R.- Controllable Autonomous Robot

Miguel Aroca-Ouellette [14] – Greater Vancouver BC
Your Solution To Lawnmower Pollution

Sarah Pritchard [12] – Northern Manitoba MB
Restrain Yourself

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Honourable Mention - Automotive

Senior

Sponsor: AUTO21

\$100 cash & Certificate

Ai Quoc Bui [17] – Windsor ON

Steering Wheel Safety System Senses Driver Fatigue

Oliver Hatheway [16], **Darren Rodenhizer** [17] – South Shore NS

The Economizer: Harnessing Waste Heat Using a Stirling Engine

Honourable Mention - Biotechnology & Pharmaceutical Sciences

Intermediate

Sponsor: Rx&D Health Research Foundation

\$100 cash & Certificate

Katie Collier [16] – Chignecto East NS

Nutrition Fruition

Amie MacDonald [15], **Emma McBoyle** [15] – Halifax NS

Mycological Medicine

Honourable Mention - Biotechnology & Pharmaceutical Sciences

Junior

Sponsor: Rx&D Health Research Foundation

\$100 cash & Certificate

Kenny Martens [13], **Scott Yargeau** [12] – Fraser Valley BC

Poop Power

Megan Schlorff [14] – Bluewater ON

Flying Straight Genetically

Honourable Mention - Biotechnology & Pharmaceutical Sciences

Senior

Sponsor: Rx&D Health Research Foundation

\$100 cash & Certificate

Monique House [17], **Kari Vierimaa** [15] – Sudbury ON

Modern Medicine and Naturopathic Medicine: Partners in fighting Breast Cancer?

Arshia Azizeddin [18], **Fred Yin** [16] – Waterloo-Wellington ON

Using Phage in Fighting Infection

Honourable Mention - Earth & Environmental Science

Intermediate

Sponsor: Petro-Canada

\$100 cash & Certificate

Lauren Bursey [15] – Bay Area ON

Effect of Pollution on Aquatic Life: Part 2

Lauren Law [16], **Ena Vu** [15] – Greater Vancouver BC

Sweating the Small Stuff

Binudith Warnakulasooriya [14] – Manitoba Schools Science Symposium MB

Illuminating Photosynthesis

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Honourable Mention - Earth & Environmental Science

Junior

Sponsor: Petro-Canada
\$100 cash & Certificate

Jamie Kraushaar [13] – Qu'Appelle Valley SK
Renewable Resources

Miguel Aroca-Ouellette [14] – Greater Vancouver BC
Your Solution To Lawnmower Pollution

Joan Cannon [13] – Frontenac, Lennox & Addington ON
Islands in the Sun

Rachel Vandenberg [13] – Victoria County ON
Waste to Energy

Honourable Mention - Earth & Environmental Science

Senior

Sponsor: Petro-Canada
\$100 cash & Certificate

Brandon Webber [19] – Timmins ON
Microbial Mining, An Innovative Approach

Freeman Lin [17] – South Fraser BC
Trapped - Reducing Trapped Fluids in an Aluminum Beverage Can

Fern Leavens [16], **Carly Proudfoot** [17] – East Kootenay BC
Fluoride: Formula for Destruction

Honourable Mention - Engineering

Intermediate

Sponsor: Youth Science Foundation Canada
\$100 cash & Certificate

Joseph Almonte [15] – Bay Area ON
Operation MESV: The Spy 2

James White [16] – Northwest Saskatchewan SK
Wreaking Havoc on Rust

Honourable Mention - Engineering

Junior

Sponsor: Youth Science Foundation Canada
\$100 cash & Certificate

Nicholas Crabtree [13], **Nicholas Rebeiro** [13] – Sudbury ON
Levitate This!!

Christopher Chopcian [12] – Lambton County ON
Techniques for Measuring Robotic Movement

Graeme Byer [14] – Edmonton AB
Go With the Flow Phase II

Isabella Ruby [12] – Cariboo Mainline BC
Wind Energy

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Honourable Mention - Engineering

Senior

Sponsor: Youth Science Foundation Canada
\$100 cash & Certificate

Haley Robinson [17] – Northern Saskatchewan SK
Sanitary Sunshine: Phase Two

Steven Johnson [17] – Peace Country AB
8 Seconds Safe II

Caroline Hébert [16] – CDLS - Province du Québec QC
J'ai d'la veine, c'est piquant!

Honourable Mention - Health Sciences

Intermediate

Sponsor: Canadian Institutes of Health Research
\$100 cash & Certificate

Alexandra Milak [16] – Simcoe County ON
Forget Me Not

Raymond Xing [16] – Calgary Youth AB
Telomeres and Human Cancer

Jory Dewar [15], **Dominic Renaud** [14] – United Counties ON
Attention aux "Dents G"

Gorick Kar Hung Ng [15], **Christopher Akio Piggott** [14] – Toronto ON
Does Listening to Rock, Rap and Classical Music Affect One's Concentration?

Honourable Mention - Health Sciences

Junior

Sponsor: Canadian Institutes of Health Research
\$100 cash & Certificate

Faraaz Ahmed [14] – Bay Area ON
The Reflex Race

Kylie McDonnell-Wade [12] – Frontenac, Lennox & Addington ON
Ready? Set? React!

Katherine Sawicka [14] – Saskatoon SK
"Burning" Calories

Kendra Manz [13] – Edmonton AB
Catching No ZZZZZZ's: A Sleep Deprivation Study

Christopher Schaerer [14] – New Brunswick NB
Generating Muscle Power

Jordan Larivière [14] – CDLS - Province du Québec QC
L'amerture, c'est dans les gènes!

Honourable Mention - Health Sciences

Senior

Sponsor: Canadian Institutes of Health Research
\$100 cash & Certificate

Ryland Anderson [16], **Ryan Walker** [15] – Beaufort-Delta NT
Meatless for a Month

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Emily Kuo [16], Alice Zhang [17] – Fraser Valley BC
Electrifying Algae

Francis Rossignol [17] – CDLS - Province du Québec QC
Suffit d'y repenser

Honourable Mention - Life Sciences

Junior

Sponsor: Pfizer Canada
\$100 cash & Certificate

Graham Batty [14] – Victoria County ON
Do You Know Your Cat? Left Pawed? Right Pawed?

Kyle Schole [13] – Edmonton AB
More To Light Than Meets the Eye

Joshua Horlings [12] – Pacific Northwest BC
Take Root

Mackenzie Landsburg [14] – Central Alberta AB
Does Microwaving Water Affect Plant Growth?

Honourable Mention - Life Sciences

Senior

Sponsor: Pfizer Canada
\$100 cash & Certificate

Sylvia Dziak [18] – Northern Saskatchewan SK
F1 vs F2

Paula Slaney [17] – Central Newfoundland NL
Pinky and the Brain

Honourable Mention - Physical & Mathematical Sciences

Intermediate

Sponsor: EnCana Corporation
\$100 cash & Certificate

Kevin McIlvenna [16] – Rideau-St. Lawrence ON
Laser Liquids

Joseph McNeil [16] – Strait NS
How Exotic: The Presence and Effects of Exotic Matter in Nature

Honourable Mention - Physical & Mathematical Sciences

Junior

Sponsor: EnCana Corporation
\$100 cash & Certificate

Luke Regier [13] – Simcoe County ON
Blowing Down the Walls of Jerico

Evan Watters [13] – Annapolis Valley NS
Hot Pants - Recycled Polyester Insulation

Colby Miles De Zen [12], Jordan C. Wisenberg [13] – Toronto ON
Project Paintball

Clara Salter [12], Anne Theilmann [12] – Central Okanagan BC
Survival of the Batteries: Effect of Extreme Temperature on Alkaline Batteries

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



François-Guillaume Landry [13] – New Brunswick NB
Des ondes qui passent ou qui cassent

Paul Kim [14], **David Salwinski** [13] – Toronto ON
Agents that Destroy Vitamin C

Honourable Mention - Physical & Mathematical Sciences

Senior

Sponsor: EnCana Corporation
\$100 cash & Certificate

Conor Hoekstra [16] – Central Interior British Columbia BC
Project Poker

Ken St-Arnaud [20] – CDLS - Province du Québec QC
L'effet Meissner frappe encore

William-Henri Sellier [18] – Toronto ON
Quantum Key Distribution Simulator

Bronze Medal - Automotive

Intermediate

Sponsor: AUTO21
Medal, \$300 cash & certificate

Tavian Barnes [15] – Calgary Youth AB
The Carom Physics Engine

Joseph Almonte [15] – Bay Area ON
Operation MESV: The Spy 2

Tim Rappon [15] – Northwestern Ontario ON
Power It Clean - a Photoelectrochemical Cell

Bronze Medal - Automotive

Junior

Sponsor: AUTO21
Medal, \$300 cash & certificate

Llew Falla [14] – Lambton County ON
CH4 Optimization of BioWaste

Nathan Magwood [13] – Bluewater ON
Making \$\$ Green \$\$ from Greenhouse Gas

Christopher Chopcian [12] – Lambton County ON
Techniques for Measuring Robotic Movement

Bronze Medal - Automotive

Senior

Sponsor: AUTO21
Medal, \$300 cash & certificate

Dolly Lin [17], **Arthur Yip** [18] – Greater Vancouver BC
Investigating Yeast Power

Brittany Faye [18] – Parkland SK
Bio-Gly-Kool II

Mihail Buse [17], **Peter Wawzonek** [18] – Waterloo-Wellington ON
Ergonomics Within the Workplace

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Bronze Medal - Biotechnology & Pharmaceutical Sciences

Intermediate

Sponsor: Rx&D Health Research Foundation
Medal, \$300 cash & certificate

Taneille Johnson [14] – Northern British Columbia BC
Fighting the Clone Wars

Brad Miller [15] – Lethbridge AB
Llama Tea Revisited: The Organic Alternative

Cayley Linehan [15] – Central Newfoundland NL
Taxe\$ a Pain! Taxus a Cure! Genetic Variation & Propagation of Taxus canadensis

Bronze Medal - Biotechnology & Pharmaceutical Sciences

Junior

Sponsor: Rx&D Health Research Foundation
Medal, \$300 cash & certificate

Anthony Querques [14] – Bay Area ON
Pathogenic Bacterial Elimination: Bact. Lysis Through the Appl. of Muramidase

Courtney Halldorson [13] – Parkland SK
Too Hot To Handle 2

Fatima Sunderji [12] – York ON
Cure it Naturally!: Spices & Herbs: The Best Wonder Cure!!

Bronze Medal - Biotechnology & Pharmaceutical Sciences

Senior

Sponsor: Rx&D Health Research Foundation
Medal, \$300 cash & certificate

Jennie Hajung Kim [18] – Niagara ON
The Shelf-life of Canadian Active Honeys

Dolly Lin [17], **Arthur Yip** [18] – Greater Vancouver BC
Investigating Yeast Power

Anne-Marie Pilote [17], **Sophie Tremblay** [17] – CDLS - Province du Québec QC
Duel antibactérien

Bronze Medal - Computing & Information Technology

Junior

Sponsor: Intel Canada Ltd.
Medal, \$300 cash & certificate

Abigail McLagan [11] – Rideau-St. Lawrence ON
Tic-Tac-Toe: A JavaScript Application

Victoria Marchand [13] – Chatham-Kent ON
How Pocket PCs Affect Reading Comprehension

Bronze Medal - Computing & Information Technology

Senior

Sponsor: Intel Canada Ltd.
Medal, \$300 cash & certificate

Justin Reardon [18] – Renfrew County ON
Managing the School Reindeer Hunt

David Williams-King [15] – Calgary Youth AB
Developing Codeform: A Syntax Highlighter

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Bronze Medal - Earth & Environmental Sciences

Intermediate

Sponsor: Petro-Canada

Medal, \$300 cash & certificate

Roopa Suppiah [15] – Renfrew County ON

Breathe Easy...CO2 can be Green!

Gillian Haugen-Koechl [14] – Northern British Columbia BC

Message of the Rings

Connor Emdin [14] – Quinte ON

Predicting E. coli induced beach closures using artificial neural networks.

Bronze Medal - Earth & Environmental Sciences

Junior

Sponsor: Petro-Canada

Medal, \$300 cash & certificate

Glendon Hass [14] – Chinook Country AB

The Zeolite Exchange

Timmy Carlielle-Shaw [12] – Central Alberta AB

Chromatography and Organic Components Cretaceous Fossils

Laura Simandi [14] – Vancouver Island BC

Contribution to Sustainability in Cement and Coal Production

Bronze Medal - Earth & Environmental Sciences

Senior

Sponsor: Petro-Canada

Medal, \$300 cash & certificate

Sheralynne Deveaux [18] – Cape Breton NS

Treading In Murky Waters

Kaytlyn Barber [17] – Qu'Appelle Valley SK

Growing Leaders, Growing Grasslands

Nicole Robichaud [17] – New Brunswick NB

Balanus Balanoides as Bioindicators

Bronze Medal - Engineering

Intermediate

Sponsor: Youth Science Foundation Canada

Medal, \$300 cash & certificate

Teal Kreuger [15] – Kivalliq NU

Solving the Stink Pipe Problem--Part 2

Gary Kurek [15] – Edmonton AB

From Walker to Wheel Chair: A Mobility Aid Combination

Ethan McNutt [15] – Chignecto Central West NS

Two Sides To A Speaker

Bronze Medal - Engineering

Junior

Sponsor: Youth Science Foundation Canada

Medal, \$300 cash & certificate

Brock Bowman [14] – Niagara ON

Autoroute H2O

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Sarah Hingley [13] – Chignecto Central West NS
The Dig on Logs

Laurissa Christie [13] – Bluewater ON
"McFries to McFuel" Biodiesel

Bronze Medal - Engineering

Senior

Sponsor: Youth Science Foundation Canada
Medal, \$300 cash & certificate

Brittany Faye [18] – Parkland SK
Bio-Gly-Kool II

Mihail Buse [17], **Peter Wawzonek** [18] – Waterloo-Wellington ON
Ergonomics Within the Workplace

Audréanne Campeau [17], **Vincent Rainville** [17] – CDLS - Province du Québec QC
La maison passive

Bronze Medal - Health Sciences

Intermediate

Sponsor: Canadian Institutes of Health Research
Medal, \$300 cash & certificate

Kaleb Smith [14] – Saskatchewan Chinook SK
Mouthguards

Jean-Olivier Lambert [16] – Timmins ON
Sécuriformes

Angelica D'Souza [14] – London District ON
Gene Therapy for Cervical Cancer

Bronze Medal - Health Sciences

Junior

Sponsor: Canadian Institutes of Health Research
Medal, \$300 cash & certificate

Mark Tinker [12] – Toronto ON
The Not So Eggciting Truth About Brushing!

Wade Walker [13] – Bluewater ON
Dietary Fats: Friend or Foe? 2

Meghan Adams [13] – South Shore NS
Association Between Fingerprint Pattern and Hair Colour, Eye Colour and Gender

Bronze Medal - Health Sciences

Senior

Sponsor: Canadian Institutes of Health Research
Medal, \$300 cash & certificate

Sarai Hamodat [17] – Eastern Newfoundland NL
A breath of Fresh Air

Michael Stepner [15] – CDLS - Province du Québec QC
Turning a kind eye

Alexander Winkler-Schwartz [17] – CDLS - Province du Québec QC
Training analytical perception

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Bronze Medal - Life Sciences

Intermediate

Sponsor: Pfizer Canada

Medal, \$300 cash & certificate

Maude Gamache [16], Sophie Gaudreault [16] – CDLS - Province du Québec QC

Au fil des toiles?

Yvonne Meulenbroek [13] – Sahtu NT

Parasitic Contamination

Tegan Wiebe [15] – North Channel ON

Fighting for Deer Life

Bronze Medal - Life Sciences

Junior

Sponsor: Pfizer Canada

Medal, \$300 cash & certificate

Marie-Ève Arpin [14], Estelle Simon [13] – CDLS - Province du Québec QC

Jeu de con«sciences»

Thalia Nelson [14] – North Channel ON

If "Eye" Only Had a Brain

Adrian Howie [14] – Halifax NS

Rotten to the Core

Bronze Medal - Life Sciences

Senior

Sponsor: Pfizer Canada

Medal, \$300 cash & certificate

Caila Henderson [16], Carly Levy [17] – Chignecto Central West NS

Shining a Light on a Toxic Issue

Carlie Scalesse [17] – CDLS - Province du Québec QC

Catch me if you can!

Mark Shearer [17] – Bluewater ON

¿Heads or Tails? II: Memory at its Finest

Bronze Medal - Physical & Mathematical Sciences

Intermediate

Sponsor: EnCana Corporation

Medal, \$300 cash & certificate

Brand Yarnton [15] – Regina SK

Aerodynamic Drag

Eddie Kim [14] – Waterloo-Wellington ON

Could This be Random? Probably!

Tim Rappon [15] – Northwestern Ontario ON

Power It Clean - a Photoelectrochemical Cell

Bronze Medal - Physical & Mathematical Sciences

Junior

Sponsor: EnCana Corporation

Medal, \$300 cash & certificate

Derek Hood [14] – Kiwanis Southeast Alberta AB

Phenomenal Glow

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Hayley Lyons [14] – Chinook Country AB
Looking Out for Number 1

Zachary Alexander Elgood [13] – Waterloo-Wellington ON
Isotopic Fingerprinting of Human-Emitted Methane

Bronze Medal - Physical & Mathematical Sciences

Senior

Sponsor: EnCana Corporation
Medal, \$300 cash & certificate

Daniel Bild-Enkin [18] – Vancouver Island BC
Voilà les Voyelles: French Vowel Pronunciation in a Victoria High School

Matt Laporte [17] – Algoma Rotary ON
The Degrading Effects of Low pH on Seven Polymer Materials

Kendra d'Eon [18] – Tri-County NS
The Physics of Show Jumping

Silver Medal - Automotive

Intermediate

Sponsor: AUTO21
Medal, \$700 cash & certificate

Roopa Suppiah [15] – Renfrew County ON
Breathe Easy...CO2 can be Green!

Laura Larson [14] – Alberta Central East AB
Asleep at the Wheel

Silver Medal - Automotive

Junior

Sponsor: AUTO21
Medal, \$700 cash & certificate

Prateeksha Ravi [13] – Peel ON
Fuel of the Future: Biodiesel

Nirusan Jayaranjan [14] – St. James-Assiniboia MB
Navigation for the Blind

Silver Medal - Automotive

Senior

Sponsor: AUTO21
Medal, \$700 cash & certificate

Malcolm Stagg [18] – Calgary Youth AB
Distributed Robotics: An Intelligent System

Corey Gale [17], **Kyle Samuel Willick** [18] – North Bay ON
CO2 Reduction

Silver Medal - Biotechnology & Pharmaceutical Sciences

Intermediate

Sponsor: Rx&D Health Research Foundation
Medal, \$700 cash & certificate

Peter Warrington [16] – Central Alberta AB
Green Hydrogen

Adil Adatia [15] – Lethbridge AB
Pathogenicity of a New Alberta Microbe Against Grasshoppers and Mealworms

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Silver Medal - Biotechnology & Pharmaceutical Sciences

Junior

Sponsor: Rx&D Health Research Foundation
Medal, \$700 cash & certificate

Kristen Crane [14], **Allison Hammond** [13] – Peel ON
Shocking Growth

Llew Falla [14] – Lambton County ON
CH4 Optimization of BioWaste

Silver Medal - Biotechnology & Pharmaceutical Sciences

Senior

Sponsor: Rx&D Health Research Foundation
Medal, \$700 cash & certificate

Delphine Rémillard-Labrosse [18] – CDLS - Province du Québec QC
Bras de fer: axolotl vs cancer

Chongya Niu [18] – Edmonton AB
Testing a Novel Activity of the Merlin Tumour Suppressor

Silver Medal - Computing & Information Technology

Intermediate

Sponsor: Intel Canada Ltd.
Medal, \$700 cash & certificate

Tavian Barnes [15] – Calgary Youth AB
The Carom Physics Engine

Michael Smith [15] – Calgary Youth AB
Shortcut Connections in Artificial Neural Networks

Silver Medal - Computing & Information Technology

Junior

Sponsor: Intel Canada Ltd.
Medal, \$700 cash & certificate

Michelle Morin [14] – Ottawa ON
iHear

Arash Marzi [13] – Strait NS
C.A.R.- Controllable Autonomous Robot

Silver Medal - Computing & Information Technology

Senior

Sponsor: Intel Canada Ltd.
Medal, \$700 cash & certificate

Jordan Chin [18], **Robert Young** [18] – Greater Vancouver BC
Finding $f(x)$ with Genetic Algorithms

Casey Banner [17] – Pacific Northwest BC
Neural Networks: Image Recognition

Silver Medal - Earth & Environmental Sciences

Intermediate

Sponsor: Petro-Canada
Medal, \$700 cash & certificate

Elise Tessier [15] – Conseil scolaire acadien provincial (CSAP) NS
Une bonne tasse de thé

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Amanda Annett [15] – Edmonton AB
A River Runs Through It - Phase III

Silver Medal - Earth & Environmental Sciences

Junior

Sponsor: Petro-Canada
Medal, \$700 cash & certificate

Victoria-Marie Cusson [13], **Chanel Fournier** [13] – Ottawa ON
La réduction écologique des déchets ménagers

Nigel Grenier [13] – Greater Vancouver BC
Rings of Time

Silver Medal - Earth & Environmental Sciences

Senior

Sponsor: Petro-Canada
Medal, \$700 cash & certificate

Dustin Hughes [18] – Timmins ON
Hot COCO2 The Energizer Reactor

Alexandre Harvey [16] – Timmins ON
Opération décontamination, la décontamination naturelle du lixiviat du bois

Silver Medal - Engineering

Intermediate

Sponsor: Youth Science Foundation Canada
Medal, \$700 cash & certificate

Mike MacIsaac [16], **Todd Mercer** [15] – Cape Breton NS
The Amazing Alter-Leg

Laura Larson [14] – Alberta Central East AB
Asleep at the Wheel

Silver Medal - Engineering

Junior

Sponsor: Youth Science Foundation Canada
Medal, \$700 cash & certificate

Scott Denniston [13], **Ian Walker** [14] – Sudbury ON
From Trash to Cash

Nirusan Jayaranjan [14] – St. James-Assiniboia MB
Navigation for the Blind

Silver Medal - Engineering

Senior

Sponsor: Youth Science Foundation Canada
Medal, \$700 cash & certificate

Malcolm Stagg [18] – Calgary Youth AB
Distributed Robotics: An Intelligent System

Michel Gignac [18] – Fransaskoise SK
Anciennes cultures, nouvelles technologies

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Silver Medal - Health Sciences

Intermediate

Sponsor: Canadian Institutes of Health Research
Medal, \$700 cash & certificate

Michael Peters [15] – Vancouver Island BC
The Actuator: a New Wheelchair Designed to Prevent DVT

James Frobb [16], **Alyssa Larson** [15] – Alberta Central East AB
iPODemic: Noise Induced Hearing Loss and the Use of Personal Listening Devices

Silver Medal - Health Sciences

Junior

Sponsor: Canadian Institutes of Health Research
Medal, \$700 cash & certificate

Kaleem Hawa [13] – Toronto ON
Craving Too Much Junk Food?

Ian Cholmondeley [13], **Jesse Purvis** [13] – Frontenac, Lennox & Addington ON
The XBOX Factor

Silver Medal - Health Sciences

Senior

Sponsor: Canadian Institutes of Health Research
Medal, \$700 cash & certificate

Bing Luo [18] – Greater Vancouver BC
The Missing Link: An Investigation into JAK 2 Phosphorylation

Kara Nadeau [18] – Manitoba Schools Science Symposium MB
Alfa: Potential Source of the Health Ingredient Lutein

Silver Medal - Life Sciences

Intermediate

Sponsor: Pfizer Canada
Medal, \$700 cash & certificate

Kelsey Bugera [15] – Parkland SK
Do Contact Lens Solutions Keep Your Contact Cases Bacteria Free?

Xingyu Zhou [14] – Saskatoon SK
Peeling Away Problems

Silver Medal - Life Sciences

Junior

Sponsor: Pfizer Canada
Medal, \$700 cash & certificate

Stephanie Gallant [13] – Eastern Newfoundland NL
Mussels: Pollution Solution?

Brian Krug [14] – Waterloo-Wellington ON
Ames Test: Chemicals to Cancer

Silver Medal - Life Sciences

Senior

Sponsor: Pfizer Canada
Medal, \$700 cash & certificate

Sarah Cheeseman [17] – Simcoe County ON
Life After Death II

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Karleigh Turnbull [17] – Chignecto East NS
Copper or Coincidence?

Silver Medal - Physical & Mathematical Sciences

Intermediate

Sponsor: EnCana Corporation
Medal, \$700 cash & certificate

Adrienne Duimering [14] – Vancouver Island BC
Fighting Flames Frugally

Alice Jourmel [15] – Vancouver Island BC
Mechanical Properties of Hardwoods: A New Test

Silver Medal - Physical & Mathematical Sciences

Junior

Sponsor: EnCana Corporation
Medal, \$700 cash & certificate

Lucas D'Albertanson [13] – Frontenac, Lennox & Addington ON
Need a Lift?

Mélanie Claire Girard [13] – Central Okanagan BC
Sun and Wind can be Twinned

Silver Medal - Physical & Mathematical Sciences

Senior

Sponsor: EnCana Corporation
Medal, \$700 cash & certificate

Alexandra Kuzyk [17] – Manitoba Schools Science Symposium MB
Just Add Honey

Simon Bourgault-Côté [17], **Alexis St-Gelais** [17] – CDLS - Province du Québec QC
Sachez chasser ce sel!

Gold Medal - Automotive

Intermediate

Sponsor: AUTO21
Medal, \$1500 cash & certificate

Jean-Olivier Lambert [16] – Timmins ON
Sécuriformes

Gold Medal - Automotive

Junior

Sponsor: AUTO21
Medal, \$1500 cash & certificate

Laurissa Christie [13] – Bluewater ON
"McFries to McFuel" Biodiesel

Gold Medal - Automotive

Senior

Sponsor: AUTO21
Medal, \$1500 cash & certificate

Dustin Hughes [18] – Timmins ON
Hot CO₂ The Energizer Reactor

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Gold Medal - Biotechnology & Pharmaceutical Sciences

Intermediate

Sponsor: Rx&D Health Research Foundation
Medal, \$1500 cash & certificate

Josh Segeren [15] – Chatham-Kent ON

Soy Solution: Initial Moisture Effects on the Injury Resistance of Soybeans

Gold Medal - Biotechnology & Pharmaceutical Sciences

Junior

Sponsor: Rx&D Health Research Foundation
Medal, \$1500 cash & certificate

Sathya Baskaran [13] – Ottawa ON

Finding the Fit for Your Knee

Gold Medal - Biotechnology & Pharmaceutical Sciences

Senior

Sponsor: Rx&D Health Research Foundation
Medal, \$1500 cash & certificate

Emily Cooley [18] – Calgary Youth AB

Embryonic Stem Cells and Viral Internalization

Gold Medal - Computing & Information Technology

Intermediate

Sponsor: Intel Canada Ltd.
Medal, \$1500 cash & certificate

Benoît Landry [16] – CDLS - Province du Québec QC

SISIA, sans surprises!

Gold Medal - Computing & Information Technology

Junior

Sponsor: Intel Canada Ltd.
Medal, \$1500 cash & certificate

Collin Fair [12] – Central Alberta AB

Object Recognition

Gold Medal - Computing & Information Technology

Senior

Sponsor: Intel Canada Ltd.
Medal, \$1500 cash & certificate

Stefan Nicolau [17] – CDLS - Province du Québec QC

Le code de l'avenir

Gold Medal - Earth & Environmental Sciences

Intermediate

Sponsor: Petro-Canada
Medal, \$1500 cash & certificate

Beth Ferreira [15] – Manitoba Schools Science Symposium MB

Mercury in Phoca hispida Vibrissae

Gold Medal - Earth & Environmental Sciences

Junior

Sponsor: Petro-Canada
Medal, \$1500 cash & certificate

Ben Underwood [12] – Avon Maitland-Huron Perth ON

Cultivating Cultivators

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Gold Medal - Earth & Environmental Sciences

Senior

Sponsor: Petro-Canada
Medal, \$1500 cash & certificate

Kinsey Lam [17], Michael Verdirame [17] – York ON

Onion Power

Gold Medal - Engineering

Intermediate

Sponsor: Youth Science Foundation Canada
Medal, \$1500 cash & certificate

Philip Riessner [14] – Northern British Columbia BC

Aerodynamic Efficiency: Reducing Fuel Emissions thru Innovative Aircraft Design

Gold Medal - Engineering

Junior

Sponsor: Youth Science Foundation Canada
Medal, \$1500 cash & certificate

Amanda Watkins [13] – Peel ON

Take Control of Arthritis

Gold Medal - Engineering

Senior

Sponsor: Youth Science Foundation Canada
Medal, \$1500 cash & certificate

Jonathan McLeod [17] – London District ON

Training System for Minimally Invasive Heart Valve Replacement Surgery

Gold Medal - Health Sciences

Intermediate

Sponsor: Canadian Institutes of Health Research
Medal, \$1500 cash & certificate

Vandana Rawal [15] – CDLS - Province du Québec QC

The suicidal brain

Gold Medal - Health Sciences

Junior

Sponsor: Canadian Institutes of Health Research
Medal, \$1500 cash & certificate

Sarah Pritchard [12] – Northern Manitoba MB

Restrain Yourself

Gold Medal - Health Sciences

Senior

Sponsor: Canadian Institutes of Health Research
Medal, \$1500 cash & certificate

James MacLeod [17] – Ottawa ON

CD127 Influence in Protecting CD8+ T-cells from Apoptosis

Gold Medal - Life Sciences

Intermediate

Sponsor: Pfizer Canada
Medal, \$1500 cash & certificate

Nicholas Kasimir Randall [14] – Central Okanagan BC

The Tap, the Boiled and the Microwaved

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



Gold Medal - Life Sciences

Junior

Sponsor: Pfizer Canada
Medal, \$1500 cash & certificate

Sarmad Ahmad [14], Shuaib Jogiat [14] – Kiwanis Southeast Alberta AB
Killer Caffeine

Gold Medal - Life Sciences

Senior

Sponsor: Pfizer Canada
Medal, \$1500 cash & certificate

Mark Thomas Onderwater [18] – Peterborough ON
What Makes A Scary Sound Scary?

Gold Medal - Physical & Mathematical Sciences

Intermediate

Sponsor: EnCana Corporation
Medal, \$1500 cash & certificate

Florence Chan [16], Alison Lee [16] – Toronto ON
Thermoelectricity: A Cool Idea Or Hot Air?

Gold Medal - Physical & Mathematical Sciences

Junior

Sponsor: EnCana Corporation
Medal, \$1500 cash & certificate

Taylor Reid [13] – Durham ON
Wind turbine blades...a 'hole' lot better.

Gold Medal - Physical & Mathematical Sciences

Senior

Sponsor: EnCana Corporation
Medal, \$1500 cash & certificate

Bill Pang [16] – Greater Vancouver BC
From The Orthic Triangle

EnCana Platinum Award - Best Junior Project

Sponsor: EnCana Corporation
Award, \$5000 cash

Ben Underwood [12] – Avon Maitland-Huron Perth ON
Cultivating Cultivators

EnCana Platinum Award - Best Intermediate Project

Sponsor: EnCana Corporation
Award, \$5000 cash

Josh Segeren [15] – Chatham-Kent ON
Soy Solution: Initial Moisture Effects on the Injury Resistance of Soybeans

EnCana Platinum Award - Best Senior Project

Sponsor: EnCana Corporation
Award, \$5000 cash

Emily Cooley [18] – Calgary Youth AB
Embryonic Stem Cells and Viral Internalization

Award Recipients

Canada-Wide Science Fair 2007

Truro, Nova Scotia



EnCana Best in Fair Award

Sponsor: EnCana Corporation
Award, \$10,000 cash

Emily Cooley [18] – Calgary Youth AB
Embryonic Stem Cells and Viral Internalization