

- FOR IMMEDIATE RELEASE -

Over 450 Stars Shine Brightly at the Bay Area Science & Engineering Fair 2003

APRIL 5, 2003, HAMILTON, ON. Over 450 students with more than 300 science projects, 200 judges and more than 100 volunteers saw the culmination of months of work this past weekend. The 43rd Annual Bay Area Science & Engineering Fair (BASEF) took place from April 2 to 5, 2003 at McMaster University. There are few things that inspire more confidence in our combined future than listening to these enthusiastic young scientists discussing their research and results. With topics as diverse as mercury recycling, vaseline pillows and using magnets to launch rockets, some of these projects have taken students many hours of determined persistence and perspiration; the top projects often represent well over 200 hours.

BASEF is one of the oldest and longest running science fairs in the country. The Spectator's Roy Middleton was instrumental in founding The Hamilton District Science and Engineering Fair in 1960. Since that time many thousands of young people from the city of Hamilton and Halton region have benefited from their participation in this event. Some have gone on to achieve further success at the national and international levels, and many are now active in careers related to science and technology. Many continue to be involved with the fair at the judging and organizational levels.

The Ontario Trillium Foundation returned as Title Sponsor of the Fair. The Ontario Trillium Foundation, an agency of the Ministry of Tourism, Culture and Recreation, receives \$100 Million in government funding annually, generated through Ontario's charity casino initiative. The Bay Area Science & Engineering Fair will spend over \$70,000 this year on awards and sending students on to the National and International Science Fairs. Twenty winners will proceed to the National Science Fair being held in Calgary, Alberta this year, and four students were selected to compete in the International Science Fair, held this year in Cleveland, Ohio.

BASEF was a tremendous success, once again this year, due primarily to the incredible effort of its volunteer organization committee, and support from its honorary co-chairs, Joyce Savoline of the Regional Municipality of Halton, and Bob Wade, Major of the City of Hamilton. BASEF is able to draw strong support from the corporate and education community in the form of volunteers, sponsorship, and judges. This year, in addition to the two honorary co-chairs, Rob MacIsaac and Kathy Gastle, Mayors for Burlington and Halton Hills respectively, and David Christopherson, MPP for Hamilton West were on hand to present awards and recognize the efforts of the students in their communities. More than 60 schools in the Hamilton-Wentworth, Halton, Brant and Haldimand-Norfolk Areas participated in this event: public, Catholic, private and even home-school students come together to demonstrate their inquisitiveness in the world around them.

The late winter storm resulted in the cancellation of Friday's Activity Day Events, but the students, parents and visitors returned in full force on Saturday for Public Viewing and the Awards Ceremony.

Results of the 43rd Annual Bay Area Science & Engineering Fair

Sponsored by The Ontario Trillium Foundation

April 5, 2003

McMaster University

Hamilton, Ontario

Grand Prize Awards

Best-in-Fair Pinnacle Award - 1st Place

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

Best-in-Fair Pinnacle Award - 2nd Place

Project MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

Best-in-Fair Pinnacle Award - 3rd Place

Project S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

Roy Middleton Award

Awarded to the best junior project.

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

2003 Pfizer Canada Minister's Award of Excellence

Awarded to the top project advancing to CWSF.

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

BASEF Chairman's Award

Project H03: Beasts of Burden – Backback Burden

Danica Karl, Taryn Karl (St. Bernadette)

Intel International Science & Engineering Fair Trip Awards

All-expense paid trips to ISEF, May 10 - 18, 2003 in Cleveland, Ohio

Project D02: Learning Styles, Brain Hemisphere Dominance and Gender: Is there a correlation?

Gord Simmons (Aldershot High School)

Project MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

Project MA15: Effects of impaired vision on ability to perform basic tasks

Kristian Montano, Rikesh Chohan (Hillfield-Strathallan)

Canada-Wide Science Fair Trip Awards
All-expense paid trips to CWSF, May 10 - 18, 2003 in Calgary, Alberta

Project A04: the Effects of Alliums Sativum on the Inhibition of Blood Coagulation

Marianne Querques

Christ the King Secondary School

Project A08: Protection Against Chloride Induced Corrosion

Joseph Querques (St. Joseph)

Project D07: From Brownfield's To Greenfield's 2

Patrick Martin (Bishop Ryan High School)

Project G05: Bits and Bytes and Landfill Sites

Jordan Bowman (St. Augustine)

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

Project L07: When Rocks Get Cavities

Madeleine Martin (St. John the Baptist)

Project MA18: Driven to Distraction

Christopher Wells, Jonathon Flegg (Appleby College)

Project MA20: A "Tired" Roof??? Reusing Tires as Shingling

Emilia Wilk (Burlington Christian Academy)

Project MD03: Oil Spills

Lauren Wallace (George L. Armstrong)

Project MD18: Mud Brick Buildings: Engineering Earthquake Resistance

Sarah Dickin (Westdale High School)

Project MD26: Laughter is the Best Medicine

Elizabeth Rose von Rosenbach (Appleby College)

Project MF13: Harnessing Hot Rising Gases

Bo Roberts-Leung (Appleby College)

Project MG01: Magnet Power

Amanda Ault (Rotherglen School)

Project N01: Mass Drivers – Size Matters

Sean Curtis (St. Thomas More)

Project N02: Pass Completion or Interception

David Cocchiarella (St. Vincent de Paul)

Project SO8: You MITE Not Be Sleeping Alone – Allergen Reduction Measures in Managing Asthma

Olivia Spadafora (St. David School)

Project S14: Memory in Response: An Analysis of Echoic and Iconic Memory

Janeta Zurakowski (St. Jerome)

Project S16: Got Amalgam? The Toxicity of Amalgam fillings

Ryan Perez (St. Jerome)

Project S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

CWSF – Alternates

Project H03: Beasts of Burden – Backpack Burden

Danica Karl, Taryn Karl (St. Bernadette)

Project MB12: Model Rocket Altitude Improvement

Nicholas Weaver, Jon Sanderson (Dr. John Seaton)

Project MD20: Bugs n' Suds

Ashley Lamond (Westview)

Project P08: Biefeld-Brown Lifters

Laura McCrackin (Regina Mundi)

BASEF Committee Trophy

Awarded to the elementary school accumulating the most points for Merit Awards.

St. Jerome School (HWCD SB)

Herb Gildea Memorial Trophy

Awarded to the secondary school accumulating the most points for Merit Awards.

Westdale High School (HWDSB)

Special Awards

Halton Regional Chairman's Award for Student Excellence

Project A08: Protection Against Chloride Induced Corrosion

Joseph Querques (St. Joseph)

Project D02: Learning Styles – Brain Hemisphere Dominance, and Gender: Is there a Correlation?

Gord Simmons (Aldershot High School)

Halton Regional Chairman's Award for Student Excellence

Project MD27: Black Holes

Brandon Speck (Rotherglan School)

City Of Hamilton Mayor's Award - 1st Place

Project MA05: Simulate Those Flies
Bill Valeriote, Philip Rees (Dundas District)

City Of Hamilton Mayor's Award - 2nd Place

Project S11: Put Away Those Pesticides
Natalie Raso (St. Jerome)

City Of Hamilton Mayor's Award - 3rd Place

Project D07: From Brownfield's to Greenfield's 2
Patrick Martin (Bishop Ryan High School)

Acquired Brain Injury Award - 1st Place

Project A04: The Effects of Alliums Sativum on the Inhibition of Blood Coagulation
Marianne Querques (Christ the King Secondary School)

Acquired Brain Injury Award - 2nd Place

Project D01: Left vs. Right – Is there a difference?
Kayla Cornale (St. Paul)

Ambitious City Toastmaster Leadership and Communications Awards

Project P10: Looks Can Be Deceiving
Veronica Nguyen

Artistically-Inspired Display Award

Project MA20: A "Tired" Roof??? Reusing tires as Shingling
Emilia Wilk (Burlington Christian Academy)

Bell Computer & Communications Award - 1st Place

Project S23: See the Unseen, Hear the Unheard
Anthony Chiarelli (St. Teresa of Avila)

Bell Computer & Communications Award - 2nd Place

Project MA11: Embedded Artificial Intelligence
Colin O'Flynn (Westdale High School)

Canadian Finishing Systems Award

Project MA20: A "Tired" Roof??? Reusing tires as Shingling
Emilia Wilk (Burlington Christian Academy)

Canadian Institute of Mining & Metallurgy (Hamilton Branch) Award - 1st Place

Project A08: Protection Against Chloride Induced Corrosion
Joseph Querques (St. Joseph)

Canadian Institute of Mining & Metallurgy (Hamilton Branch) Award - 2nd Place

Project A11: Profitable Masonry Co-Products by the Steel Industry

Nick Salari (Eastview Public School)

Canadian Institute of Mining & Metallurgy (Hamilton Branch) Award - 3rd Place

Project M05: Why Must it Rust?

Justin Balsor, Erik Bilobrk (St. Mark)

Canadian Nuclear Society (Sheridan Park Branch) Award - Junior

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

Canadian Nuclear Society (Sheridan Park Branch) Award - Junior

Project MA03: Make the Most of the Sun

Travis Jones, Matt Whatmough (Dr. John Seaton)

Canadian Nuclear Society (Sheridan Park Branch) Award – Junior

Project MA27: The Future of Fusion

Lindsay Hughes (Rotherglen School)

Canadian Nuclear Society Award (Sheridan Park Branch) - Intermediate/Senior

Project MD18: Mud Brick Buildings: Engineering Earthquake Resistance

Sarah Dickin (Westdale High School)

Cancer Assistance Programme Award

Project M06: Smoking!

Christine Vu, Vi Nguyen (St. Mary)

Cancer Assistance Programme Award

Project S11: Put Away Those Pesticides

Natalie Raso (St. Jerome)

Cancer Assistance Programme Award

Project S12: Are You a Target

John Hornby, Matthew Davis (St. Jerome)

Chemical Institute of Canada, Hamilton Section Award

Project M05: Why Must it Rust

Justin Balsor and Erik Bilobrk (St. Mark)

Chemical Institute of Canada, Hamilton Section Award

Project MD22: Vitamin C: Hot and Cold

Gabriel Robertson (Westview School)

Chemical Institute of Canada, Hamilton Section Award

Project MD19: Effect of Temperature on Viscosity of Oil

Carly ching (Westview School)

Dr. Colin J.L. Lock Memorial Chemistry Award

Project M05: Why Must It Rust?

Justin Balsor and Erik Bilobrk (St. Mark)

DaVinci Awards

Project S22: Concrete Blocks – An Environmental Response II

Hsinwen Than (St. Mary's)

Project S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

Dr. M. Doyle Award

Project A04: The Effects of Alliums Sativum on the Inhibition of Blood Coagulation

Marianne Querques (Christ the King)

Dofasco By-Products Utilisation Department

Project A11: Profitable Masonry Co-Products by the Steel Industry

Nick Salari (Eastview Public School)

Dofasco Innovation and Creativity Award

Project MF13: Harnessing Hot Rising Gases

Bo Roberts-Leung (Appleby College)

Dofasco Market Development & Product Application Department

Project MA20: A "Tired" Roof??? Reusing tires as Shingling

Emilia Wilk (Burlington Christian Academy)

Dofasco Research and Development Department

Project G07: Torque it Up!

Dayna Walker (St. Augustine)

Dofasco Technology Award: Engineering and Maintenance Technology

Project D03: Cavitation: The Cancer of the Hydraulic Machine

Cornel Stanciu (Queen Elizabeth Park High School)

Dofasco Technology Award: Process Automation

Project MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

Dofasco Technology Award: Information Technology

Project S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

Eastman Kodak Company Photography Award

Project S08: You Mite Not Be Sleeping Alone – Allergen Reduction Measures in Managing Asthma

Olivia Spadafora (St. David)

Electrical Construction Association of Hamilton Award

Project MA21: Harnessing the Earth's Energy
Sarah Moore (Burlington Christian Academy)

Hamilton Academy of Dentistry Award

Project ME12: Which Toothpaste Removes Stains the Most
Lars Mueller, Todd Morrow (Oakville Christian School)

Hamilton Academy of Dentistry Award

Project S15: Toothpaste to the Test
Anita Neves (St. Jerome)

Hamilton Academy of Dentistry Award

Project S16: Got Amalgam? The Toxicity of Amalgam
Ryan Perez (St. Jerome)

Hamilton Amateur Astronomers (HAA)

Project B08: From Vesuvius to Ra Patera
Lydia Kil (Sacred Heart)

Hamilton Steel Environmental Award

Project D07: From Brownfield's to Greenfields 2
Patrick Martin (Bishop Ryan)

Hamilton Steel Environmental Award

Project J11: Tainted Rain
Robert Ricciardone (St. David)

Hamilton Steel Environmental Award

Project S22: Concrete Blocks – An Environmental Response II
Hsinwen Than (St. Mary's)

Hamilton Utilities Corporation Award

Project MF03: Independent Renewable Energy Sources for Small Towns
Jayne Siwik (Burlington Christian Academy)

Intel Excellence Award - Environmental

Project D07: From Brownfield's to Greenfield's 2
Patrick Martin (Bishop Ryan)

International Science & Engineering Affiliated Fair Awards

NACE International Award

Project A08: Protection Against Chloride Induced Corrosion
Joseph Querques (St. Joseph)

Association for Women Geoscientists

Project L07: When Rocks Get Cavities
Madeleine Martin (St. John the Baptist)

American Meteorological Association

Project MA10: Weather and Its Effects on Human Life
Andrew Huxley, Liao Rose (Westdale High School)

Yale Science and Engineering

Project MA11: Embedded Artificial Intelligence
Colin O'Flynn (Westdale High School)

International Society for Optical Engineering

Project MD20: the Eye Doctor
Tara Kim (Appleby College)

ASM International Foundation

Project S22: Concrete Blocks – An Environmental Response II
Hsinwen Than (St. Mary's)

McMaster University Department of Chemistry

Project A04: The Effects of Alliums Sativum on the Inhibition of Blood Coagulation
Marianne Querques (Christ the King Secondary School)

McMaster Engineering Society Award

Project MF13: Harnessing the Hot Rising Gases
Bo Roberts-Leung (Appleby College)

McMaster Nuclear Reactor Award

Project MA03: Making the Most of the Sun
Travis Jones, Matt Whatmough (Dr. John Seaton)

McMaster University, Faculties of Engineering and Science Tuition Award

Project A04: The Effects of Alliums Sativum on the Inhibition of Blood Coagulation
Marianne Querques (Christ the King Secondary School)

McMaster University, Faculties of Engineering and Science Tuition Award

Project D02: Learning Styles, Brain Hemisphere Dominance, and Gender: Is there a correlation?
Gord Simmons (Aldershot High School)

McMaster University, Faculties of Engineering and Science Tuition Award

Project MA11: Embedded Artificial Intelligence
Colin O'Flynn (Westdale High School)

McMaster University, Faculties of Engineering and Science Tuition Award

Project MD18: Mud Brick Buildings: Engineered Earthquake Resistance
Sarah Dickin (Westdale High School)

McMaster University, Faculties of Engineering and Science Tuition Award

Project N01: Mass Drivers – Size Matters

Sean Curtis (St. Thomas More)

Mechanical Contractors Association of Hamilton Award

Project MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

Mohawk College Building and Construction Sciences Awards

Project A08: Protection Against Chloride Induced Corrosion

Joseph Querques (St. Joseph)

Mohawk College Building and Construction Sciences Award

Project S24: How Fast Can You Go?

Krysta Rocca (St. Teresa of Avila)

Mohawk College Building and Construction Sciences Award

Project E06: Beam Me Up

Peter McCauley (Holy Spirit)

Mohawk College Chemical and Environmental Engineering Technology Award

Project A05: Gas From Garbage

Andrew Darby (Sacred Heart of Jesus)

Mohawk College Chemical and Environmental Engineering Technology Award

Project ME05: Drip by Drip

Julian Filice (Hillfield Strathalan College)

Mohawk College Computer Science and Information Technology Award

Project S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

Mohawk College Mechanical and Industrial Engineering Technology Award

Project G07: Torque It Up!

Dayna Walker (St. Augustine)

Mohawk College Mechanical and Industrial Engineering Technology Award

Project D10: Put Your Hands Up

Jason Vieira, Mc Rosario (Canadian Martyrs)

Mohawk College Mechanical and Industrial Engineering Technology Award

Project ME11: Steel: Friend or Enemy

David Collins, Michael Doyle (Oakville Christian)

Mohawk College Mathematics Award

Project G07: Torque It Up!

Dayna Walker (St. Augustine)

Mohawk College Mathematics Award

Project MA05: Simulate Those Flies
Bill Valeriote, Philip Reese (Dundas District)

National Science and Engineering Research Council (NSERC) Award

Project A08: Protection Against Chloride Induced Corrosion
Joseph Querques (St. Joseph)

National Science and Engineering Research Council (NSERC) Award

Project S23: See the Unseen, Hear the Unheard
Anthony Chiarelli (St. Teresa of Avila)

Primary Fluid Systems Inc. Earth and Environmental Award- 1st Place Junior

Project MA20: A "Tired" Roof
Emilia Wilk (Burlington Christian Academy)

Primary Fluid Systems Inc. Earth and Environmental Award- 2nd Place Junior

Project G05: Bits and Bytes and Landfill Sites
Jordan Bowman (St. Augustine)

Primary Fluid Systems Inc. Earth and Environmental Award- 3rd Place Junior

Project L07: When Rocks Get Cavities
Madeleine Martin (St. John the Baptist)

Primary Fluid Systems Inc. Earth and Environmental Award- 1st Place Intermediate

Project D07: From Brownfield's to Greenfield's 2
Patrick Martin (Bishop Ryan)

Primary Fluid Systems Inc. Earth and Environmental Award- 2nd Place Intermediate

Project ME02: Does Sugar, Acid or Base Affect Seed Germination in a Positive Way?
Jenn Turluk, Aubree Allevato (Hillfield-Strathallan)

Primary Fluid Systems Inc. Earth and Environmental Award- 3rd Place Intermediate

Project ME01: The Effect of Pesticides on Plants
Simran Ohson, Ranvir Chaudhri (Hillfield-Strathallan)

Primary Fluid Systems Inc. Engineering Award – 1st Place Junior

Project G07: Torque it Up!
Dayna Walker (St. Augustine)

Primary Fluid Systems Inc. Engineering Award – 2nd Place Junior

Project A08: Protection Against Chloride Induced Corrosion
Joseph Querques (St. Joseph)

Primary Fluid Systems Inc. Engineering Award – 3rd Place Junior

Project MF13: Harnessing Hot Rising Gases
Bo Roberts-Leung (Appleby College)

Primary Fluid Systems Inc. Engineering Award – 4th Place Junior

Project MB12: Model Rocket Altitude Improvement

Nicholas Weaver and Jon Sanderson (Dr. John Seaton)

Primary Fluid Systems Inc. Engineering Award – 5th Place Junior

Project MG01: Magnet Power

Amanda Ault (Rotherglen School)

Primary Fluid Systems Inc. Engineering Award – 1st Intermediate

Project NO1: Mass Drivers – Size Matters

Sean Curtis (St. Thomas More)

Primary Fluid Systems Inc. Physical Sciences Award- 1st Place Junior

Project MA02: Do textured fabrics help swimmers go faster?

Daniel Crowe, Calum Coley (Dalewood)

Primary Fluid Systems Inc. Physical Sciences Award- 2nd Place Junior

Project S15: Toothpaste To The Test!

Anita Neves (St. Jerome)

Primary Fluid Systems Inc. Physical Sciences Award- 3rd Place Junior

Project P09: Watt's On Your Mind

Brittany Horodecki, Amanda Rispoli

Primary Fluid Systems Inc. Physical Sciences Award- 4th Place Junior

Project MF17:Wood: Wet or Dry

Michael Buchanan, Alexandre Pouliot-Cote

Primary Fluid Systems Inc. Physical Sciences Award- 5th Place Junior

Project S13: The Water In You

Robert Perez (St. Jerome)

Primary Fluid Systems Inc. Physical Sciences Award- 6th Place Junior

Project J09: Natural Vs. Synthetic dyes

Amanda Viger (St. David)

Professional Engineers of Ontario (Hamilton Local Chapter – 1st Place

Project MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

Professional Engineers of Ontario (Hamilton Local Chapter – 2nd Place

Project A11: Profitable Masonary Co-Products By the Steel Industry

Nick Salari (Eastview)

Professional Engineers of Ontario (Hamilton Local Chapter – 3rd Place

Project N01: Mass Drivers – Size Matters

Sean Curtis (St. Thomas More)

Procor Awards - Junior

Project G07: Torque it Up!
Dayna Walker (St. Augustine)

Procor Awards - Intermediate

Project N01: Mass Drivers – Size Matters
Sean Curtis (St. Thomas More)

Procor Awards - Senior

Project MA11: Embedded Artificial Intelligence
Colin O'Flynn (Westdale High School)

Ramanujan Mathematics Award

Project S23: See the Unseen, Hear the Unheard
Anthony Chiarelli (St. Teresa of Avila)

Ramanujan Mathematics Award

Project A06: Math-U-Lator
Kevin Langlois, Matt Carmichael (Sacred Heart of Jesus)

Ramanujan Mathematics Award

Project MA05: Simulate Those Flies
Bill Valeriote, Philip Rees (Dundas District)

Royal Botanical Gardens Award

Project D07: From Brownfield's to Greenfield's 2
Patrick Martin (Bishop Ryan)

Safety Management Systems Software Award

Project S23: See the Unseen, Hear the Unheard
Anthony Chiarelli (St. Teresa of Avila)

Scientific American Subscription Award

Project A02: The Adaptable Bridge
Simon Baker (Dunnville Central)

Scientific American Subscription Award

Project A10: The Heart Tells All!
Vincent Perri (St. Matthew)

Scientific American Subscription Award

Project C02: Think Ink
Meagan Nederveen (St. Bernadette)

Scientific American Subscription Award

Project G10: Going Crazy Over Calories
Christine Gabardo (St. Augustine)

Scientific American Subscription Award

Project J02: Tune Into Your Brain
Stacey Gawrylash (St. Jerome)

Science Teachers Association of Ontario Award

Project S14: Memory In Response
Janeta Zurakowski (St. Jerome)

Science Teachers Association of Ontario Award

Project F02: The Effects of Size Differential on Short and Long Term Memory
Kaitlynn-Rae Landry (Our Lady of Mount Carmel)

Tinnerman Palnut Engineering Award

Project G07: Torque it Up!
Dayna Walker (St. Augustine)

William D. Galbraith Memorial Award

Project G10: Going Crazy Over Calories
Christine Gabardo (St. Augustine)

Zonta Club of Hamilton Awards

Project G07: Torque it Up!
Dayna Walker (St. Augustine)

Project L07: When Rocks Get Cavities
Madeleine Martin (St. John the Baptist)

Project N06: Rust is Not a Must
Alexandra Seichter, Veronica Barber-Pin (St. Teresa of Avila)

Merit Awards

Gold Merit Awards

A04: The Effect of Alliums Sativum on the Inhibition of Blood Coagulation

Marianne Querques (Christ the King Secondary School)

A08: Protection Against Chloride Induced Corrosion

Joseph Querques (St. Joseph)

G07: Torque it Up!

Dayna Walker (St. Augustine)

MA11: Embedded Artificial Intelligence

Colin O'Flynn (Westdale High School)

S14: Memory in Response: An Analysis of Echoic and Iconic Memory

Janeta Zurakowski (St. Jerome)

S16: Got Amalgam? The Toxicity of Amalgam Fillings

Ryan Perez (St. Jerome)

S23: See the Unseen, Hear the Unheard

Anthony Chiarelli (St. Teresa of Avila)

Silver Merit Awards

D07: From Brownfield's to Greenfield's 2

Patrick Martin (Bishop Ryan)

E06: Beam Me Up

Peter MacCauley (Holy Spirit)

E10: Magnetic Shot

Robert Loureiro ((Holy Name of Jesus))

F02: The Effects of Size Differentials on Short and Long Term Memory

Kaitlynn-Rae (Our Lady of Mt. Carmel)

F07: Unfiltered Truth

Brittany Power (St. Agnes)

F13:Plant Preference

Carmela Fuca (St. Bernadette)

G01: Oil Spill Clean Up: Moving or Removing

Matt Kavanaugh, Byron Sinclair (St. Bernadette)

G05: Bits and Bytes and Landfill Sites

Jordan Bowman (St. Augustine)

G06: A Question of Taste

Danielle Hickey, Caitlyn Langille (St. Augustine)

G08: The Resolution Revolution

Chloe Kearon, Heather Russell (St. Augustine)

H01:Every Breath You Take

Torianne Ipema (St. Bernadette)

J09: Natural Vs. Synthetic Dyes

Amanda Viger (St. David)

J11: Tainted Rain

Robert Ricciardone (St. David)

J13: Dirty Decomposers

Liana Castellan, Victoria Kavanagh (St. Claire of Assisi)

MA02: Do textured fabrics help swimmers go faster?

Daniel Crowe, Calum Coley (Dalewood)

MA05: Simulate Those Flies

Philip Rees, Billy Valeriote (Dundas District)

MA15: Effects of impaired vision on ability to perform basic tasks.

Kristian Montano, Rikesh Chohan (Hillfield-Strathallan)

MA18:Driven to Distraction

Jonathon Flegg, Christopher Wells (Appleby College)

MA20: A "Tired" Roof?? Resusing Tires as Shingling

Emilia Wilk (Burlington Christian Academy)

MA29: Celiac Disease

Alya Bhimji (Rotherglen)

MB04: Chew it Over!

Madeleine Tye, Emma Wilson (Dalewood)

MB12: Model Rocket Altitude Improvement

Nicholas Weaver, Jon Sanderson (Dr. John Seaton)

MD03: Oil Spills

Lauren Wallace (George L. Armstrong)

MD17: Nuts or Not

Josee De Freitas, Karly Dely (St. Brigid)
MD20: Bugs n' Suds
Ashley Lamond (Westview)
MD26: Laughter is the Best Medicine
Elizabeth rose von Rosenbach (Appleby College)
MD30: The Eye Doctor
Tara Kim (Appleby College)
MF13: Harnessing Hot rising Gases
Bo Roberts-Leung (Appleby College)
MF17: Wood: Wet or Dry
Michael Buchanan, Alexandre Pouliot-Cote (Appleby College)
MF20: Battery Challenge
Hailey Ingleson (Appleby College)
MG01: Magnet Power
Amanda Ault (Rotherglen)
N01: Mass Drivers – Size Matters
Sean Curtis (St. Thomas More)
N02: Pass Completion or Interception
David Cocchiarella (St. Vincent de Paul)
N05: Put a Smile On
Kathleen Durward, Tessa Hugar (St. Vincent de Paul)
N07: What You Don't Know About Your School
Melissa Seichter, Samantha Zeppieri (St. Teresa of Avila)
P03: A Solar Greenhouse Power Generator
William Chong, Patrick Quinlan (Canadian Martyrs')
PO8: Biefield-Brown Lifters
Laura McCrackin (Regina Mundi)
P09: Watt's on Your Mind
Brittany Horodecki, Amanda Rispoli (St. Agnes)
S01: Up, Up and Away!
Alex Romanowski, Daniel Van Amelsvoort (St. Augustine)
S06: Skeletal Flex
Dino Serafini (St. David)
S08: You MITE Not Be Sleeping Alone – Allergen Reduction Measures in Managing Asthma
Olivia Spadafora (St. David)
S09: Man's Best Friend
Lauren Tristani (St. David)
S11: Put Away Those Pesticides! An Analysis of the Inhibition of Cell Development by 2,4-D
Natalie Raso (St. Jerome)
S13: The Water in You
Robert Perez (St. Jerome)
S15: Toothpaste To The Test!
Anita Neves (St. Jerome)
S22: Concrete Blocks – An Environmental Response II
Hsinwen Than (St. Mary's)
S24: How Fast Can You Go?
Krysta Rocca (St. Teresa of Avila)

Bronze Merit Awards

A05: Gas from Garbage

Andrew Darby (Sacred Heart of Jesus)

B04: Lie Detectors

Julia Riddell, Nicole Rich-Portelli (Our Lady of Victory)

B07: Batteries You Can Eat

Jamie Dorgo, Matthew Kerwin

(Our Lady of Victory)

B09: Wet and Faded!

Lauren Tracey, Melany Gaetani (St. Bernadette)

C02: Think Ink

Meagan Nederveen (St. Bernadette)

C03: What's in your water

Alison Mulvale, Alexandra Cowan (St. Bernadette)

D02: Learning Styles, Brain Hemisphere Dominance, and Gender: Is there a correlation?

Gord Simmons (Aldershot)

D03: Cavitation: The Cancer of Hydraulic Machinery

Cornel Stanciu (Queen Elizabeth Park H.S.)

D04: Effects of Human Hair on Plant Growth

Jennifer Juliana Smart (Rolling Meadows)

D08: Plaque Attack

Aoife Cox, Colleen Quinlan (Canadian Martyrs)

E02: How Effective is Your Memory??

Julia Rocchi, Kevin De France (Our Lady of Mount Carmel)

E04: Dyeing in the Kitchen

Jade Onufer, Alanna Alton (Our Lady of Mount Carmel)

E05: The Science of Clean

Jessica Petta (Immaculate Heart of Mary)

E09: Memorize This

Cassandra Almeida, Adrienne Crawford (Holy Name of Jesus)

F01: Vision and Colour

Katherine Evans, Meghann Ross (Our Lady of Mount Carmel)

F04: Smoking Beans

Susan Daley (Regina Mundi)

F09: Slow as Molasses

Nicholas Vastano (St. Agnes)

G10: Going Crazy Over Calories

Christine Gabardo (St. Augustine)

H02: Walking on Water

Ally Johns, Stefanie St. Pierre (St. Bernadette)

H03: Beasts of Burden – Backpack Burden

Taryn Karl, Danica Karl

H05: The Yolk's On You

Laura Pudlo, Amy Bagnariol (St. Clare of Assisi)

H06: Genetic Cloning

Marianna Tarsitano, Nicole Gabriele (St. Clare of Assisi)

J01: Keep the Heat In!

Jacqueline Jajdelski (St. Jerome)

J02: Tune Into Your Brain

Stacey Gawrylash (St. Jerome)
J08: Heartburn: Putting Out the Fire
Carla Frosina (St. David)
J10: Top Gun
Kevin March (St. David)
J12: It's a Bird, It's A Plane, Oh No It's Acid Rain!
Anthony Orlando, Andrew Quercia (St. Clare of Assisi)
K04: Does Size Really Matter?
Betsy Pocop (St. Jerome)
K05: How Water Affects the Growth of Plants
Alexandra Chavez (St. Jerome)
L05: Frost Busters
Teresa Pircio (St. Marguerite d'Youville)
L06:Asta La Vista Stains
Natasha Oliveira, Samantha Orrico (St. John the Baptist)
L07: When Rocks Get Cavities
Madeleine Martin (St. John the Baptist)
L08: What's That Bump on Your Knee?
Jennifer Wills (St. John the Baptist)
M02: Which Battery?
Margaret Kaczanowski (St. Mark)
M06: Smoking!
Vi Nguyen, Christine Vu (St. Mary)
M09: Packaging....the Solution is Simple!
James Grice (St. Teresa of Avila)
MA17: In the Blink of an Eye
Mishal Ahmad (Appleby College)
MA21: Harnessing the Earth's Energy
Sarah Moore, Burlington Christian Academy
MA25:What is the Best Quality Drinking Water?
Jason Blevins (Oakville Christian)
MA28: How Clean is Our H₂O?
Alya Bhimji (Rotheglen)
MB06: No Calculator
Lei Zhu (Dalewood)
MB07: The Healthiest Bread
Adam Jan, Connor Behan (Dalewood)
MB08:The Ideal Condition
Stephen Lewchuk (Dalewood)
MD18: Mud Brick Buildings: Engineering Earthquake Resistance
Sarah Dickin (Westdale)
MD19: Effect of Temperature on the Viscosity of Oil
Carly Ching (Westview)
MD22: Vitamin C: Hot and Cold
Gabriel Robertson (Westview)
MD23: Electrochemistry
Ben DiFrancesco, Lele Wang (Westview)
MD27:Black Holes
Brandon Speck (Rotherglen)

ME02: Does sugar, acid or base affect seed germination is a positive way?

Jenn Turliuk, Aubree Allevato (Hillfield-Strathallan)

ME07: Which Foundation is Best During an Earthquake

Angela Girgis, Kimberly Wood (Oakville Christian)

ME09: Can Music Enhance Academic Achievement?

Laura Golbeck (Oakville Christian)

ME12: Which toothpaste removes stains the most?

Laura Mueller, Todd Morrow (Oakville Christian)

ME15: Water Loss in Residential Garbage

Mason Saunders (Oakville Christian)

ME17: Spuds Away

Noah Kipin (Oakville Christian)

ME19: Composting Leaves

Mark Dumschat (Oakville Christian)

MF16: Medieval Motion

Jamie Ewart (Appleby College)

MF19: What Wood is Best?

Matteo Maccario (Appleby College)

MG02: Fiber Optics – Connectors to the Future

Jason Prolas (Rotherglan)

NO4: Mind vs. Gender

Alfredo Petrone, Cleo Sanmartin (St. Vincent de Paul)

N06: Rust is Not a Must

Alexandra Seichter, Veronica Barber-Pin (St. Teresa of Avila)

N13: Halt the Salt

Helena Foulds (St. Teresa of Avila)

P10: Looks can be Deceiving

Veronica Nguyen (St. Ann)

S02: Forget Me Not

Mark Potvin (St. Bernadette)

S07: Learn or Burn

Dustin Fitzpatrick (St. David)

S19: What watt works?

Stephanie Page (St. Mark)

S20: Insulation Investigation

Brittany Staboon (St. Mark)

Honourable Mention Merit Awards

B13: Tooth Decay: What Beverage Makes Teeth Decay the Fastest?

Monica Maher (St. Bernadette)

M01: Colour Your Mind

Amanda Caltagirone (St. Mark)

MD01: Dust Mites Dust Mites Everywhere!

Christopher Clark (Dundas District)

ME01: The effect of pesticides on Plants

Simran Ohson, Ranvir Chaudhri (Hillfield-Strathallan)

P01: Rainbow Beans- the effect of different coloured lights on the growth of a green bean

Jillian Yeaman, Alex Ritchie (Rolling Meadows)

S05: Smoking...Are you a target?
Michelle Fenton, Krista Pauly (St. Clare of Assisi)