

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards

Barrie Mayor's Award for Community Improvement

Sponsored by: City of Barrie Mayor's Office

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School

County of Simcoe Award (Elementary)

Sponsored by: County of Simcoe

A Penny For Your Watts

Student: Deacon Maney School: Pretty River Academy

County of Simcoe Award (Junior)

Sponsored by: County of Simcoe

Influenced Intuition

Student: Molly Mantrop School: Pretty River Academy

County of Simcoe Award (Intermediate/Senior)

Sponsored by: County of Simcoe

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School

Dr. Donald N Philip Prize

Sponsored by: Dr. Don Philip

Can you make snow shoveling easier?

Student: Cyrus Shobeir School: Bear Creek Secondary School

Dr. Mary L Ellins Memorial Award

Sponsored by: Dr. Don Philip

Covid Coaster

Student: Ava Fischer School: Pretty River Academy

Dufferin Simcoe Land Stewardship Network Award

Sponsored by: Dufferin Simcoe Land Stewardship Network

Bio Bead

Student: Wilson Brewster School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards (continued)

Energy Conservation and Renewable Energy Award

Sponsored by: Simcoe County Regional Science and Technology Fair Committee

Water Works

Student: Claire Mantrop School: Pretty River Academy

Eric Goodall Award

Sponsored by: Simcoe County Regional Science and Technology Fair Committee

DYE-ing To Ski

Student: Avlyn King School: Pretty River Academy

Future Scientist Award

Sponsored by: Simcoe County Regional Science and Technology Fair Committee

Eco Spot Removal - Which eco-friendly laundry detergent is the best?

Student: Lyla Snell School: Cookstown Public School

Georgian College Admissions Scholarship

Sponsored by: Georgian College - Advancement and Alumni Relations

The Humidron

Student: Arlo White School: Pretty River Academy

Georgian College Biotechnology Award

Sponsored by: Georgian College - Health, Wellness, and Sciences

Genome Sequencing: The Engineering of the Future

Student: Madhu Kattimani School: Cookstown Public School

Georgian College

Engineering and Environment Award (Elementary)

Sponsored by: Georgian College - Engineering and Environmental Technologies

Better Lawn Better Garden

Student: Anne Bowman School: Cookstown Public School

Georgian College Engineering and Environment Award

Sponsored by: Georgian College - Engineering and Environmental Technologies

Thermochromic Economics

Student: Sia Mehta School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards (continued)

Georgian College Health and Wellness Award (Elementary)

Sponsored by: Georgian College - Health, Wellness, and Sciences

Red Arms be Gone from the Court

Student: Benjamin Ramos School: Pretty River Academy

Georgian College Health and Wellness Award

Sponsored by: Georgian College - Health, Wellness, and Sciences

Online Learning

Student: Alina Kotchetkov School: Cookstown Public School

Honda Canada Automotive Awards

Sponsored by: Honda of Canada Mfg.

Angle of Attack

Student: Finlay Birnie School: Pretty River Academy

Autonomous Search And Rescue Aircraft

Student: Chloe Hill School: Pretty River Academy

Isowater Chemistry Award (Elementary)

Sponsored by: Isowater Corporation

Eco Spot Removal - Which eco-friendly laundry detergent is the best?

Student: Lyla Snell School: Cookstown Public School

Isowater Chemistry Award

Sponsored by: Isowater Corporation

Dyeing for Walnuts

Student: Jenna McCannell School: Pretty River Academy

Lakehead University Earth and Environmental Sciences Award

Sponsored by: Lakehead University

Bio Mask

Student: Julian Joseph Bernard Valdez School: Pretty River Academy

Lakehead University Engineering Award

Sponsored by: Lakehead University

My Tag

Student: Huxley Boivin School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards (continued)

Lakehead University Health and Wellness Innovator Award

Sponsored by: Lakehead University

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Student: Sadie Wortsman School: Pretty River Academy

Lakehead University Physical and Mathematical Sciences Award

Sponsored by: Lakehead University

Thermochromic Economics

Student: Sia Mehta School: Pretty River Academy

Lakehead University Plant and Animal Sciences Award

Sponsored by: Lakehead University

Plant Growth

Student: Carson Hurley School: Pretty River Academy

Linear Transfer Automation Award (Elementary)

Sponsored by: Linear Transfer Automation, Inc.

A Penny For Your Watts

Student: Deacon Maney School: Pretty River Academy

Linear Transfer Automation Award (Junior)

Sponsored by: Linear Transfer Automation, Inc.

The Floomba: A Solution to Ongoing Ocean Acidification

Students: Liyang Yin and Klevin Kim School: Cookstown Public School

Linear Transfer Automation Award (Intermediate/Senior)

Sponsored by: Linear Transfer Automation, Inc.

Autonomous Search And Rescue Aircraft

Student: Chloe Hill School: Pretty River Academy

OACETT Engineering Technology Award (Gr. 5/6)

Sponsored by: OACETT - Georgian Bay Chapter

Angle of Attack

Student: Finlay Birnie School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards (continued)

OACETT Engineering Technology Award (Gr. 7/8)

Sponsored by: OACETT - Georgian Bay Chapter

Wind Turbine Efficiency

Student: Rory Hunter Peycha School: Pretty River Academy

Pavlik Mathematics Award

Sponsored by: Pavlik Foundation

Can You Make Snow Shoveling Easier?

Student: Cyrus Shobeir School: Bear Creek Secondary School

Professional Engineers of Ontario Award (Elementary)

Sponsored by: Professional Engineers of Ontario (Simcoe Muskoka Chapter)

Bacteria Emergency

Student: Charlotte Ross School: Pretty River Academy

Professional Engineers of Ontario Award (Junior)

Sponsored by: Professional Engineers of Ontario (Simcoe Muskoka Chapter)

Germicidal

Student: Whitney Brewster School: Pretty River Academy

Quinn Rehab Health Sciences Award (Elementary)

Sponsored by: Quinn Rehab

Red Arms be Gone from the Court

Student: Benjamin Ramos School: Pretty River Academy

Quinn Rehab Health Sciences Award

Sponsored by: Quinn Rehab

The Humidron

Student: Arlo White School: Pretty River Academy

Sanofi Biogenius Canada Award

Sponsored by: Sanofi Canada

Genome Sequencing: The Engineering of the Future

Student: Madhu Kattimani School: Cookstown Public School

Simcoe County Regional Science and Technology Fair 2022 Results



Special Awards (continued)

Science for the Love of Science Award (Elementary)

Sponsored by: Pavlik Foundation

Gecko Activity Increases in Bio-active Enclosure

Student: Mirabelle Vermeulen School: Pretty River Academy

Science for the Love of Science Award (Junior)

Sponsored by: Pavlik Foundation

Blooming Algae

Student: Charlie Armstrong School: Pretty River Academy

Science for the Love of Science Award (Intermediate/Senior)

Sponsored by: Pavlik Foundation

Green Concrete

Student: Alexis Maheras School: Pretty River Academy

Sidrat Research Design Award for Effective Science Presentation

Sponsored by: Sidrat Research

Garlic: An Organic Answer to Stronger Microbiomes

Student: Hadlea Bradbury School: Pretty River Academy

Tiffin Environmental Research Award

Sponsored by: Nottawasaga Valley Conservation Authority

Biodegradable Berry Container

Student: Sabine Cornell School: Admiral Collingwood School

University of Ottawa Entrance Scholarship

Sponsored by: University of Ottawa

My Tag

Student: Huxley Boivin School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Plant and Animal Sciences

Elementary

Silver Medal

Gecko Activity Increases in Bio-active Enclosure

Student: Mirabelle Vermeulen School: Pretty River Academy

Junior

Silver Medal

Blooming Algae

Student: Charlie Armstrong School: Pretty River Academy

Intermediate

Bronze Medal

The Green Planet

Student: Charlie Trudeau School: Pretty River Academy

Silver Medal

Plant Growth

Student: Carson Hurley School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Computer and Engineering Sciences

Elementary

Silver Medal

A Penny For Your Watts

Student: Deacon Maney School: Pretty River Academy

Gold Medal

Angle of Attack

Student: Finlay Birnie School: Pretty River Academy

Junior

Bronze Medal

Boat Tote

Student: Jack Armstrong School: Pretty River Academy

Gold Medal

Wind Turbine Efficiency

Student: Rory Peycha School: Pretty River Academy

Intermediate

Bronze Medal

Spracklin Analytics

Student: James Spracklin School: Pretty River Academy

Gold Medal

THE HUMIDRON - Innovating a new dehumidifier with the people in mind

Student: Arlo White School: Pretty River Academy

Senior

Silver Medal

My Tag

Student: Huxley Boivin School: Pretty River Academy

Gold Medal

Autonomous Search And Rescue Aircraft

Student: Chloe Hill School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Earth and Environmental Sciences

Elementary

Silver Medal

Better lawn, better garden, less water used!

Student: Anne Bowman School: Cookstown Public School

Gold Medal

Eco Spot Removal - Which eco-friendly laundry detergent is the best?

Student: Lyla Snell School: Cookstown Public School

Junior

Honourable Mentions

Biodegradable Berry Container

Student: Sabine Cornell School: Admiral Collingwood School

Logan and Wally County Science Fair 2022

Students: Logan Hale and Wally Gendron School: Admiral Collingwood School

Bronze Medals

The Floomba: A Solution to Ongoing Ocean Acidification

Students: Liyang Yin and Klevin Kim School: Cookstown Public School

Dye-ing for Walnuts

Student: Jenna McCannell School: Pretty River Academy

Silver Medals

DYE-ing To Ski

Student: Avy King School: Pretty River Academy

Bio Mask

Student: Julian Valdez School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Earth and Environmental Sciences (continued)

Intermediate

Bronze Medal

Bio Bead

Student: Wilson Brewster School: Pretty River Academy

Silver Medal

Green Concrete

Student: Alexis Maheras School: Pretty River Academy

Gold Medal

Water Works

Student: Claire Mantrop School: Pretty River Academy

Senior

Gold Medal

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Human and Health Sciences

Elementary

Bronze Medal

What items do we value and why?

Student: Morgan Burkitt School: Cookstown Public School

Silver Medal

Bacteria Emergency

Student: Charlotte Ross School: Pretty River Academy

Gold Medal

Red Arms Be Gone From The Court

Student: Benjamin Ramos School: Pretty River Academy

Junior

Bronze Medals

What liquid makes tylenol dissolve the fastest?

Students: Betty Dube and Alessandra Malfara

School: St. Francis of Assisi School

parenTEEN

Student: Sadie Wortsman School: Pretty River Academy

Genome Sequencing: The Engineering of the Future

Student: Madhu Kattimani School: Cookstown Public School

Silver Medals

Influenced Intuition

Student: Molly Mantrop School: Pretty River Academy

Online Learning is Bad For Health. True or False?

Student: Alina Kotchetkov School: Cookstown Public School

Gold Medal

Germicidal

Student: Whitney Brewster School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Human and Health Sciences (continued)

Intermediate

Silver Medal

Garlic: An Organic Answer to Stronger Microbiomes

Student: Hadlea Bradbury School: Pretty River Academy

Gold Medal

COVID Coaster

Student: Ava Fischer School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Divisional Awards: Physical and Mathematical Sciences

Junior

Honourable Mention

How does the PSI of a football affect your game?

Students: Tyler Bennett and Gerald McConnell

School: St. Francis of Assisi School

Bronze Medal

What happens when you mix things with super glue

Student: Julie Wilkinson School: St. Francis of Assisi School

Gold Medal

Thermochromic Economics

Student: Sia Mehta School: Pretty River Academy

Intermediate

Gold Medal

Can You Make Snow Shoveling Easier?

Student: Cyrus Shobeir School: Bear Creek Secondary School

Senior

Bronze Medal

Household Batteries

Student: Henry Savill School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Team Ontario

**These students will represent Simcoe County at the 2022 Virtual
Canada Wide Science Fair May 16 - 20**

Covid Coaster

Student: Ava Fischer School: Pretty River Academy

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School

Autonomous Search And Rescue Aircraft

Student: Chloe Hill School: Pretty River Academy

Water Works

Student: Claire Mantrop School: Pretty River Academy

Thermochromic Economics

Student: Sia Mehta School: Pretty River Academy

Can You Make Snow Shoveling Easier?

Student: Cyrus Shobeir School: Bear Creek Secondary School

THE HUMIDRON - Innovating a new dehumidifier with the people in mind

Student: Arlo White School: Pretty River Academy

Simcoe County Regional Science and Technology Fair 2022 Results



Grand Awards

Best of Plant and Animal Sciences

Plant Growth

Student: Carson Hurley School: Pretty River Academy

Best of Computer and Engineering Sciences

Autonomous Search And Rescue Aircraft

Student: Chloe Hill School: Pretty River Academy

Best of Human and Health Sciences

Covid Coaster

Student: Ava Fischer School: Pretty River Academy

Best of Earth and Environmental Sciences

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School

Best of Physical and Mathematical Sciences

Thermochromic Economics

Student: Sia Mehta School: Pretty River Academy

Best of Fair

A Novel Approach to the Reparation of Damaged Freshwater Ecosystems Simulating Wetland Filtration

Student: Emily Goodson School: Banting Memorial High School