



Peterborough Regional Science Fair

News Release

www.peterboroughsciencefair.com
peterboroughsciencefair@trentu.ca


Congratulations to all the Winners of the 2019 Peterborough Science Fair!

Award	Participant 1	Participant 2	Project Title	School
Best of Fair- Canada-Wide Participants				
First Place	Jacob Bowman	(no partner)	Can freshwater stream invertebrates adapt to road salt?	Holy Cross Catholic Secondary School
Second Place	Hana Haytaoglu	Hannah MacAusland	Preparation, property testing, and applications of bio plastic	East Northumberland Secondary School
Third Place	Shaun Plassery	(no partner)	Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to naturally clean up Oil in Salt Water	St. Catherine Catholic Elementary School
Special Award Winners				
University of Ottawa Scholarship (\$1000)	Simon Cahill	(no partner)	Quit or Take a Hit: The Protective Abilities of Body Fat and Lean Muscle	Port Hope High School
Trent University Science Fair Award (\$1000 Scholarship)	Jacob Bowman	(no partner)	Can freshwater stream invertebrates adapt to road salt?	Holy Cross Catholic Secondary School
Passion for Participation Awards				
Prize 1 (\$100)	John Lee	--	--	Rhema Christian School
Prize 2 (\$100)	Claire Elliott	--	--	Rhema Christian School
Prize 3 (\$100)	Jacob Bowman			Holy Cross Catholic Secondary School
Nobelgen Impact Award (\$200)	Shaun Plassery	(no partner)	Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to naturally clean up Oil in Salt Water	St. Catherine Catholic Elementary School
Nobelgen Innovation Prize- Junior, Intermediate, or Senior (\$200)	Hana Haytaoglu	Hannah MacAusland	Preparation, property testing, and applications of bio plastic	East Northumberland Secondary School
Ted Innovation Rogers Prize- Junior/Intermediate/Senior (\$100)	Lily Bowman	Emma Kelly	Orange You Glad I'm Recycling?	Holy Cross Catholic Secondary School
University of Ontario Institute of Technology Innovation Award				
Award 1 (\$100)	Antonio Morales	(no partner)	Genetic Algorithms from Scratch	Holy Cross Catholic Secondary School
Award 2 (\$100)	Abbey Shaughnessy	(no partner)	Will SUN-body turn up the heat? Heating a Sunroom with Nature's Eco Furnace	Holy Cross Catholic Secondary School
Trent School of the Environment (\$100)	Avery Page	Sameer Zulfiqar	The affects of UVC rays on bacterial growth	Holy Cross Catholic Secondary School
Professional Engineers of Ontario Peterborough Chapter Innovation & Impact Award (\$100)	Hana Haytaoglu	Hannah MacAusland	Preparation, property testing, and applications of bio plastic	East Northumberland Secondary School
John S. Mackelvie Award (\$100)	Brett Bjorgan	Jacob Turcotte	The Flow of House Hold Electricity	Holy Cross Catholic Secondary School
Otonabee Region Conservation Authority Junior (\$250)	Shaun Plassery	(no partner)	Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to naturally clean up Oil in Salt Water	St. Catherine Catholic Elementary School
Shaw Computer Systems Prize fo Energy Management (\$100)	Abbey Shaughnessy	(no partner)	Will SUN-body turn up the heat? Heating a Sunroom with Nature's Eco Furnace	Holy Cross Catholic Secondary School
Frank Hancock Memorial Award- Best Astronomy Project				
1st Place (\$100)	Elyssa Taillon	(no partner)	Solar System	Kawartha Heights Public School
2nd Place (Peterborough Astronomical Assoc. family membership)	Abbie Jackson	Cora Schultz	Cool Constellations	St. Catherine Catholic Elementary School
Trent University Medical Professional Stream Award				
Junior Award- Ecology and Evolution (\$100)	Hana Haytaoglu	Hannah MacAusland	Preparation, property testing, and applications of bio plastic	East Northumberland Secondary School
Primary/Elementary Award (\$100)	Julia Mack	(no partner)	Udderly Fantastic Plastic	Northumberland Christian School
Institute for Integrated Conservation Biology at Trent University				
Junior Award- Ecology and Evolution (\$100)	Riley Smith	(no partner)	Aspirin - Helping your Headache, Heart and Harvest?	Queen Mary Public School
Elementary Award- Science and Discovery (\$100)	Sebastian Knight	Elliott Potts	Do Screens Affect your Work?	Westmount Public School
Water Environment Association of Ontario				
Best Intermediate Award (\$100)	Jacob Bowman	(no partner)	Can freshwater stream invertebrates adapt to road salt?	Holy Cross Catholic Secondary School
Best Junior Award (\$100)	Winter Benn	Hannah Blais	Water Filters	East Northumberland Secondary School
Peterborough Field Naturalists Award				
Junior First Place (\$25)	Shaun Plassery	(no partner)	Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to naturally clean up Oil in Salt Water	St. Catherine Catholic Elementary School
Junior Second Place (\$25)	Riley Smith	(no partner)	Aspirin - Helping your Headache, Heart and Harvest?	Queen Mary Public School
Elementary First Place (\$25)	Nia Georg	(no partner)	Do you know which way they neigh?	Kawartha Heights Public School
Elementary Second Place (\$25)	Islay Moore	(no partner)	nano silver effects on the enviroment	North Cavan Public School

Division Award Winners

Senior (grades 11, 12)

Award	Participant 1	Participant 2	Project Title	School
Computing and Engineering Sciences				
First Place (\$100)	Noor ElHussein	Eilis Wotherspoon	It's Elementary, My Dear Watson	Clarington Central Secondary School
Second Place (\$75)	Alex Green	Jared Pennington	Robot Arm Project	East Northumberland Secondary School
Third Place (\$50)	Aidan Vine	(no partner)	The effects of UV rays On Photopolymer Resin	East Northumberland Secondary School
Honourable Mention	Brendan Pennington	(no partner)	Charging Your Phone With the Sun	East Northumberland Secondary School
Earth and Environmental Sciences				
First Place (\$100)	Jacob Bowman	(no partner)	Can freshwater stream invertebrates adapt to road salt?	Holy Cross Catholic Secondary School
Second Place (\$75)	Miranda Jordens	(no partner)	How Light Colour Affects Plant Growth	Port Hope High School
Third Place (\$50)	Olivia Doorenspleet	Elizabeth Wildeboer	Solar Solution	Clarington Central Secondary School
Honourable Mention	Sarah Shannon	(no partner)	Innovative Ways To Power The Future	East Northumberland Secondary School
Health and Life Sciences				
First Place (\$100)	Simon Cahill	(no partner)	Quit or Take a Hit: The Protective Abilities of Body Fat and Lean Muscle	Port Hope High School
Second Place (\$75)	Abby McLean	Kiera Taylor	Got Your Head In The Clouds: An Investigation of the Connection Between Vaping and Cigarettes	East Northumberland Secondary School
Third Place (\$50)	Emma Ellis	Will MacAulay	The Effect of Alcohol on Liver, and the Comparison of Alcohol Damaged Tissue with Healthy Tissue	East Northumberland Secondary School
Honourable Mention	Leah Herrington	(no partner)	The Truth About Vaccinations	East Northumberland Secondary School
Physical and Mathematical Sciences				
First Place (\$100)	Ben Stephenson	(no partner)	Mini Water Wheel	Clarington Central Secondary School
Second Place (\$75)	(no eligible project)			
Third Place (\$50)	(no eligible project)			
Honourable Mention	(no eligible project)			

Intermediate (grades 9, 10)

Computing and Engineering Sciences				
First Place (\$100)	Hana Haytaoglu	Hannah MacAusland	Preparation, property testing, and applications of bio plastic	East Northumberland Secondary School
Second Place (\$75)	Antonio Morales	(no partner)	Genetic Algorithms from Scratch	Holy Cross Catholic Secondary School
Third Place (\$50)	Christian Burns	Christopher Vass	Code Breaker Breaker	Holy Cross Catholic Secondary School
Honourable Mention	Abbey Shaughnessy	(no partner)	Will SUN-body turn up the heat? Heating a Sunroom with Nature's Eco Furnace	Holy Cross Catholic Secondary School
Earth and Environmental Sciences				
First Place (\$100)	Avery Page	Sameer Zulfikar	The affects of UVC rays on bacterial growth	Holy Cross Catholic Secondary School
Second Place (\$75)	Lily Briand	(no partner)	South Africa Research	Holy Cross Catholic Secondary School
Third Place (\$50)	Lily Bowman	Emma Kelly	Orange You Glad I'm Recycling?	Holy Cross Catholic Secondary School
Honourable Mention	Hunter Gosselin	(no partner)	Changing milk into a renewable plastic	Holy Cross Catholic Secondary School
Health and Life Sciences				
First Place (\$100)	Julianna Haines	(no partner)	Just Another Cheesy Science Fair Project	Holy Cross Catholic Secondary School
Second Place (\$75)	Mackenzie Bates	(no partner)	A SuperCOOLed Solution	Holy Cross Catholic Secondary School
Third Place (\$50)	Ciarra Lungley	Mackenna McCue	Smoking and Vaping at E.N.S.S	East Northumberland Secondary School
Honourable Mention	Grace Holmquist	(no partner)	Antibiotic Resistance	Our Lady of the Wayside Catholic School
Physical and Mathematical Sciences				
First Place (\$100)	Ben Roth	(no partner)	Airfoil Aerodynamics	Port Hope High School
Second Place (\$75)	Livi Hutton	(no partner)	Comparing Leavening Agents	Port Hope High School
Third Place (\$50)	Adina Peeters	(no partner)	Can you Separate the Dyes in Grape Soda?	Our Lady of the Wayside Catholic School
Honourable Mention	Kathleen Paul	(no partner)	Double Trouble	Holy Cross Catholic Secondary School

Junior (Grades 7, 8)

Computing and Engineering Sciences				
First Place (\$100)	Benjamin Freeman	(no partner)	An examination of renewable micro power	Westmount Public School
Second Place (\$50)	Madelyne Carr	(no partner)	Electromagnetism's effect on light	Queen Mary Public School
Third Place (\$25)	Claire Lycette	(no partner)	Will the Bridge Fall Down?	Queen Elizabeth Public School
Honourable Mention	Ahmed Ahmed	(no partner)	Can computers learn how to race?	Queen Elizabeth Public School
Earth and Environmental Sciences				
First Place (\$100)	Shaun Plassery	(no partner)	Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to naturally clean up Oil in Salt Water	St. Catherine Catholic Elementary School
Second Place (\$50)	Riley Smith	(no partner)	Aspirin - Helping your Headache, Heart and Harvest?	Queen Mary Public School
Third Place (\$25)	Violet Jackson	Sunny Woodcroft	Currents of Thyme	Home School
Honourable Mention	Chase Borthwick	Taylor Shearer	Blade Power: How Many Blades Produce the Most Power?	Apsley Central Public School
Health and Life Sciences				
First Place (\$100)	Rowan Homer	Simon Siena	Car-Bon-Bons: Using Activated Carbon to Save Children	Westmount Public School
Second Place (\$50)	Mishka Nazarani	(no partner)	Does listening to music affect your ability to memorize facts?	Kawartha Montessori
Third Place (\$25)	Jordan Banks	Lucy Schartner	Are Eyewitnesses as Reliable as we Think: The Effect of Time Delay on Eyewitness Accuracy	St. Catherine Catholic Elementary School
Honourable Mention	Lucas Jackson	Nick Jackson	Who Protects The Babies Best? Chicken Breed and Egg Strength	Apsley Central Public School

Award	Participant 1	Participant 2	Project Title	School
Physical and Mathematical Sciences				
First Place (\$100)	Fergus Devereaux	(no partner)	Radiation and Our Environment	Our Lady of the Wayside Catholic School
Second Place (\$50)	John Lee	(no partner)	Brachistochrone curve	Rhema Christian School
Third Place (\$25)	Elijah Deryaw	(no partner)	Sugar High. Using Sugar as rocket fuel.	Our Lady of the Wayside Catholic School
Honourable Mention	Cole Higgins	(no partner)	Breaking the Magnetism Code: The Effect of Temperature on Magnetic Fields	St. Joseph Catholic Elementary School (Douro)
Elementary (grades 4-6)				
Physical Sciences				
Best Overall Elementary Physical Project (\$15)	Shivraj Sembhi	Justin Todd	Pouring a Cup of Coffee Using a Rube Goldberg Machine	St. Catherine Catholic Elementary School
Award of Excellence (\$10)	Haylie Clark	Taylor Heeringa	secret messages	North Cavan Public School
Award of Excellence (\$10)	Sophie Wigglesworth	(no partner)	Blooming Paper Flowers	Our Lady of the Wayside Catholic School
Award of Excellence (\$10)	Mary Little	(no partner)	What's the Pointe	Our Lady of the Wayside Catholic School
Award of Excellence (\$10)	Mitchell Chan-Reynold	Noah Nowak	The Bubble Battle	St. Anne Catholic Elementary School
Award of Excellence (\$10)	Zoe Shufelt	(no partner)	Coding a Lunch	St. Anne Catholic Elementary School
Honourable Mention	Colby Kekki	Riley Ricketts	Paper Airplanes	Kawartha Heights Public School
Honourable Mention	Elise Sorichetti	(no partner)	Magnetic Cereal	St. Catherine Catholic Elementary School
Biological Sciences				
Best Overall Elementary Biological Project (\$15)	Nia Georg	(no partner)	Do you know which way they neigh?	Kawartha Heights Public School
Award of Excellence (\$10)	Avery Fam	(no partner)	Chia Seeds: Nature's Vacuum Cleaner?	Kawartha Montessori
Award of Excellence (\$10)	Robert MacGregor	(no partner)	Do You See What I See? How Common is Colour Vision Deficiency?	Rhema Christian School
Award of Excellence (\$10)	Madeleine Hill	Margot Wilson	Sight, Smell, Touch: Which Sense Triggers Your Memory Best	Queen Mary Public School
Award of Excellence (\$10)	Zoe Dunaway	(no partner)	Remember This? Evaluating Strategies that Help People Learn New Information	Prince of Wales Public School
Award of Excellence (\$10)	Hrish Dave	(no partner)	Discover what your body and mind are telling you with Thermal Imaging	James Strath Public School
Honourable Mention	Gwyneth Powell	Addison Shirk	CSG Cost Saving Girls	St. Paul Catholic Elementary School (Norwood)
Honourable Mention	Tiger Cochrane	Alyssa Cui	Is The 5 Second Rule A Myth?	Westmount Public School
Primary (grades 1-3): General Sciences				
Best Overall Primary Project (\$15)	Connor Georg	(no partner)	Cricket Hideout	Kawartha Heights Public School
Award of Excellence (\$10)	Rishav Upadhya	(no partner)	Game of Spud Power	St. Catherine Catholic Elementary School
Award of Excellence (\$10)	Benjamin Van	Nathan Van	What Makes a Fast Pinewood Derby Car?	Rhema Christian School
Award of Excellence (\$10)	Caswell LeMarchant	(no partner)	How does a Plasma Ball Work?	C.R. Gummow Public School
Honourable Mention	Jolene Payne	(no partner)	Let the Memories Begin!	St. Paul Catholic Elementary School (Norwood)
Honourable Mention	Daniel Freeburn	(no partner)	Boom! Pow! Fizz! It's a chemical reaction!	Home School

Join us for next year's fair! Visit our Website for more information.